

Curriculum prof. Sandro Santucci

➤ Attività didattica prestata

Dal 1971 ha prestato servizio presso l'Università degli studi dell'Aquila nei seguenti ruoli:

1971-75 Borsista MPI (Fisica)

1975 Assistente incaricato (Fisica Generale)

1975-77 Contrattista quadriennale e Ricercatore Universitario Confermato (Fisica Generale)

1976-77-78 Professore Incaricato di Esperimentazioni di Fisica (Fisica Generale)

1979 Professore Incaricato Stabilizzato di "Laboratorio di Fisica 1" (Fisica Generale)

1982-1996 dopo l'idoneità a Professore Associato svolge il corso di "Laboratorio di Fisica " (Fisica Generale)

1985 Elettronica dello Stato Solido,

1986 Elettronica, 1

1991 -2001 Fisica Generale II per la Facoltà d'Ingegneria dei Materiali di Perugia,

1996-2000 Fisica e Fisica Generale (I e II) Corso di Laurea In scienze Ambientali

1996 – 2004 Fisica II per Scienze Ambientali Facoltà di Scienze l'Aquila,

1987 -2000 Svolge anche corsi di "Elettronica".e "Fisica dei Dispositivi Elettronici"

1989-1991 Fisica I Facoltà d'Ingegneria dell'Aquila,

2000 Idoneità a Professore Straordinario di Elettronica (ING-INF.01)

2000-2007 Dispositivi elettronici.

2001-2003 Fisica dello Stato Solido la Facoltà d'Ingegneria dei Materiali di Perugia

2001-2006 Sensori e dispositivi Facoltà di Scienze l'Aquila,

2008 – Ottiene l'atorizzazione CUN al passaggio sul SSD Fisica Generale (FIS.01)

2005- 2010 Fisica Generale per Chimici Facoltà di Scienze l'Aquila,

2007-2011 Dispositivi Avanzati

2009- 2011 – Scienza dei Materiali

2011 – viene inquadrato nel settore concorsuale 02-B1: FISICA SPERIMENTALE DELLA MATERIA

2012- 2018 Fisica ddei Semiconduttori e Dispositivi Elettronici

2011- 2018 Meccanica e Termodinamica (Fisica Generale I)

➤ **Attività organizzativa**

Presso la propria sede

- Dal 2005 al 2012 è stato **Direttore del Dipartimento di Fisica**. In questo ambito ha curato il processo di ricostruzione e di riavvio delle attività post sisma 2009, ha inoltre organizzato e curato l'avvio del nuovo Dipartimento di Scienze Fisiche e Chimiche
- Dal 2007 al 2012 è stato membro del Senato Accademico dell'Università dell'Aquila in cui ha partecipato alla redazione del nuovo Statuto
- E' Stato **Direttore dell'Unità dell'Aquila dell'Istituto Nazionale di Fisica della Materia (INFN)** curando i rapporti con la sede centrale e ottenendo finanziamenti che hanno portato alla costituzione del Centro per l'Assistenza Scientifica e Tecnologica alle Imprese (CASTI) di cui è stato membro attivo per i rapporti industriali
- Dal 2005 al – 2007 è stato **Coordinatore di Unità di Ricerca del Consorzio Nazionale Interuniversitario per le Scienze Fisiche della Materia (CNISM)**
- E stato Direttore del Centro di Microscopia Elettronica dell'Università dell'Aquila fin dalla costituzione, ha ottenuto finanziamenti per l'acquisizione di tre nuovi microscopi elettronici, ha svolto successivamente parte attiva nel consiglio direttivo del Centro
- Dal 2000 è stato nominato Presidente della Commissione per le Biblioteche di Ateneo. Ha curato la costituzione del Sistema Bibliotecario di Ateneo, il passaggio alla "biblioteca digitale" con l'inserimento dei cataloghi cartacei nel Sistema Bibliotecario Nazionale (SBN) E' stato promotore dell'inserimento dell'università dell'Aquila nel consorzio CIBER/CASPUR per la fruizione di "editoria online" con il collegamento ai principali fornitori di editoria online (ELSEVIER, KLUWER, ecc.). Fino al 2007 è Stato Delegato del Rettore per il Sistema Bibliotecario di Ateneo-
- dal 2008 al 2011 è stato membro del Consiglio di Amministrazione della "Fondazione dell'Università dell'Aquila"
- E' stato più volte presidente della Commissione per il Dottorato in Fisica presso il dipartimento di Fisica dell'Università dell'Aquila e fino al 2018 presidente di commissione per l'espletamento di concorsi per numerose borse di studio ed assegni di ricerca presso il dipartimento di appartenenza.
- Dal 2016 al 2018 è stato membro di commissioni per valutazioni comparative e selettive sia per Professore Associato che per Professore Ordinario nei settori concorsuali 02B1 e 02B2, presso la propria sede e presso le Università di Napoli e Salerno
- 2014 - 02B1-FIS01 Università L'Aquila - prof. Associato
- 2015 - 02B1-FIS01- Università L'Aquila - prof. Associato
- 2015 - 02B1-FIS03 - Università L'Aquila - prof. Associato
- 2015 - 02B1-FIS01- Università Salerno - prof. Associato
- 2016 - 02B1-FIS03 -Università L'Aquila - prof. Associato
- 2016 - 02B1- FIS01-03 Università di Napoli - prof. Ordinario
- 2018- 02B1- FIS 01- Università L'Aquila - prof. Ordinario
- Dal 2011 al 2018 è stato membro della Commissione Brevetti dell'Università dell'Aquila, operando attivamente per la valutazione di progetti brevettuali di sua competenza
- Dal 2014 al 2018 è stato membro del "Presidio per la Qualità di Ateneo"
- Nel 2011 è stato nominato nel Consiglio Scientifico della Casa Editrice di Ateneo "Luna"
- E' stato fondatore e presidente dello spin-off "Nano-cat s.r.l." presso il Dipartimento di Fisica dell'Università degli Studi dell'Aquila. (2008 - 2016).

In ambito nazionale

- Dal 2001 come direttore dell'Unità dell'Aquila è stato membro del Consiglio Direttivo dell'Istituto Nazionale di Fisica della Materia (INFM) fino alla cessazione dell'Istituto
- E' stato rappresentante designato dall'Università dell'Aquila nel Consorzio Ciber-Caspur per l'editoria elettronica.
- E' stato rappresentante dell'Università dell'Aquila nel Consiglio di Amministrazione del Consorzio EAGLE del gruppo Texas Instruments.
- Fino al 2018 è stato rappresentante designato dall'Università dell'Aquila presso il Consiglio Direttivo del Consorzio Ricerche Elettroottiche (CREO) del gruppo Finmeccanica.
- E' stato rappresentante dell'Università dell'Aquila presso il Consiglio di Amministrazione del Consorzio "Gran Sasso", fino alla cessazione dello stesso (2010)
- **Dal 2016 al 2018 è stato Presidente della Commissione Nazionale per l'Abilitazione Scientifica Nazionale (ASN 16)**

Organizzazione di Conferenze

Presidente del Comitato organizzativo del Congresso Nazionale della Società Italiana di Fisica(SIF) – L'Aquila settembre 2011

Membro del Comitato organizzativo del Symposium on SiO₂ and Advanced Dielectrics L'Aquila 1998 e successivi biennali fino al 2010

Membro del Comitato organizzativo delle Joint Conferences on Advanced Materials: Functional and Nanonstructured Materials Intermolecular and Magnetic Interactions in Matter — 2009, Sulmona-L'Aquila, Italy

Contratti di ricerca

2000 – 2001

- CNR 5% (terza tranche di 90.000.000 di lire) Ossidi Innovativi per la Microelettronica
- Micron Technologies Italia - contratto per lo studio e la diagnostica di materiali in memorie DRAM (15.000 Euro)

2001 – 2002

- Finanziamento di un progetto di Grande Rilevanza Scientifica di Ateneo – Sensori di gas basati su nanotubi di Carbonio e polimeri conduttori (25.000 Euro)
- Contratto con Consorzio Ricerche Elettro Ottiche (CREO) – ossidi innovativi per la microelettronica (35.000 Euro)
- Micron Technologies Italia - contratto per lo studio e la diagnostica di materiali in memorie DRAM (15.000 Euro)
- Alenia Spazio (progetto PIDEA - CEE) – contratto per la caratterizzazione elettrica in relazione alle proprietà microstrutturali di circuiti ibridi a stato solido per applicazioni satellitari. (22.000 Euro)
- Poligrafico dello Stato – Studio di manufatti ottenuti mediante microlitografia (3.000 Euro)

2002 – 2003

- Finanziamento di un progetto di Grande Rilevanza Scientifica di Ateneo– Sensori di gas basati su nanotubi di Carbonio e polimeri conduttori (25.000 Euro)
- Micron Technologies Italia - contratto per lo studio e la diagnostica di materiali in memorie DRAM (20.000 Euro)

-Alenia Spazio (progetto PIDEA - CEE) – contratto per la caratterizzazione elettrica in relazione alle proprietà microstrutturali di circuiti ibridi a stato solido per applicazioni satellitari (20.000 Euro)

- Poligrafico dello Stato – Studio di manufatti ottenuti mediante microlitografia (3.000 Euro)

- COFIN 2003 – Finanziamento come responsabile di Unità dell’Aquila del progetto: Nuovi Materiali Ibridi Funzionali A Base Di Nanotubi Di Carbonio E Matrice Polimerica Per Dispositivi Fotovoltaici . Area scientifico disciplinare Ingegneria industriale e dell’informazione e Area scientifico disciplinare Scienze chimiche.

Ha ottenuto, come Unità INFM il finanziamento del progetto FIRB “Sviluppo di microsistemi multisensoriali per applicazioni ambientali e agroalimentari”

2004 -2008 Contract no: NMP3-CT-2005-011783 Acronym: MULTIPROTECT, Integrated Project of European Community: Nanomaterials for Multifunctional Coatings:

Finanziamento 743.000€ (4 anni)

L’Aquila – Italy Project Leader: Prof. Sandro Santucci

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2005 - prot. 2005020415_003 PRIN - Italian Government

Quasi mono dimensional nanosensors for label free ultra sensitive biological detection finanziamento 50700 €

L’Aquila –Italy Project Leader: Prof. Sandro Santucci

2005 -2008: GINT project: Progetto finanziato da National Institute of Nuclear Physics (INFN). The experiment aims to develop radiation (either ionizing or not) detectors suitable for imaging and particles detection applications, by using carbon nanotubes for signal detection, treatment, amplification, readout and acquisition processes.

L’Aquila Project Leader: Prof. Sandro Santucci

2006 – 2007 – Project of European Community, Nanosci- ERA; Acronym: S-Five,,: Sort Single Single-wall-nanotubes of Specific Sizes

Finanziamento 200.000 € (3 anni)

L’Aquila -Italy Project Leader: Prof. Sandro Santucci

2006 – 2007: ESA (European Space Agency) - Proposal / Tender No: ELT/UAQ/001/06; Acronym: Flexible Sol-gel Protective Coatings for Space Applications

Funded for 200.000 € (18 months)

L’Aquila -Italy Project Leader: Prof. Sandro Santucci in collaboration with a SME (Elital)

2006 – EC project : COST D33

L’Aquila -Italy Project Leader: Prof. Sandro Santucci

2006-2007 – EC project: COST 539 " **Nanostructured Materials : Processing and Application "**

L’Aquila -Italy Project Leader: Prof. Sandro Santucci

2009- 2012 - progetto SinPhoNIA. The project is financed by the National Institute of Nuclear Physics (INFN). The experiment aims to develop a new single photon radiation detector made of carbon nanotubes and silicon, finely pixelled and UV sensitive.
L'Aquila Project Leader: Prof. Sandro Santucci

2012-2015 progetto Tecna4AUTO: Progetto Regione Abruzzo. Applicazione delle nanotecnologie per l'automotive
L'Aquila -Italy Project Leader: Prof. Sandro Santucci

Ha svolto attività di coordinamento e di riferimento scientifico nei confronti delle seguenti aziende:

- MICRON TECHNOLOGY Italia (studio di materiali innovativi e nuovi processi per dispositivi microelettronici in scala sub micrometrica)
- THALES ALENIA SPAZIO (diagnostica dei materiali per circuiti elettronici ibridi a film spesso)
- FILMET - L'Aquila (coatings conduttivi e protettivi su polimeri per la fabbricazione di dispositivi elettronici)
- CETEV – gruppo FINMECCANICA Carsoli (Aq) (coatings ottici ed elettroottici) – fino a chiusura dell'azienda
- CREO – gruppo FINMECCANICA L'Aquila (rivelatori di infrarosso a film sottile)
- E' fondatore ed ex Presidente di un'azienda "spinoff" universitaria : NANO-CAT srl

Attività di revisione scientifica: è nel board dei referee di molte riviste internazionali, tra le quali:

Journal of Vacuum Science and Technology A and B

E' stato Guest Editor per il Journal Vacuum Science and Technology B

Applied Physics Letters

Journal of Applied Physics

Applied Surface Science

Sensors and Actuators

IEEE Transactions on Sensors

Journal of Non Crystalline Solids

Thin Solid Films (Membro Editorial Board)

Surface Science

Journal of Chemical Physics

Chemical Physics Letters

Journal of Material Science (Membro Editorial Board)

Langmuir

Surface and Coatings Technology

Talanta

Materials Chemistry and Physics

Nanotechnology

Nano

Journal of Photochemistry and Photobiology A: Chemistry

Nuclear Inst. and Methods in Physics Research, A

Journal of Alloys and Compounds

E' stato membro del comitato editoriale di alcuni numeri special del Journal of Non-Crystalline Solids, (2002)

Attività di valutazione Progettuale

Ha svolto attività di revisione di numerosi progetti e di attività scientifiche per:

- MIUR (PRIN, CIVR, VQR)
- MISE – progetti di ricerca industriale su bandi competitivi
- Regione Emilia e Romagna – progetti di ricerca industriale
- Regione Piemonte – progetti di ricerca industriale
- CNR – Cipro – progetti di ricerca
- ETH Zurich (Svizzera) progetti di ricerca

Attività scientifica

h-index 46: Citations: 8718 (Scopus febbraio 2020)

Iniziata nel 1971, si è delineata sotto forma di studi di Fisica sperimentale nel campo della Fisica dello Stato solido

In particolare l'attività scientifica si è principalmente esplicata:

- Nello studio delle proprietà elettroniche e strutturali di materiali nanostrutturati per impiego in microelettronica e in sensoristica in relazione al loro comportamento elettrico
- Nello studio dell'impiego di nuovi materiali per dispositivi innovativi sia in campo microelettronico che sensoristico
- Nello sviluppo e l'applicazione di tecniche per lo studio della "failure analysis" in componenti elettronici a stato solido.
- Nello studio della sintesi e le applicazioni dei nanotubi di carbonio
- Nello studio delle applicazioni della materia nanostrutturata per realizzare sistemi fotocatalitici, fotorivelatori e rivestimenti multifunzionali.

Brevetti

- Brevetto: Dispositivo sensore di gas provvisto di un film sensibile di nanotubi di carbonio.
N. Brevetto 0001337767 del 15 febbraio 2007
INFN ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA | GENOVA | (GE) |
Inventori CANTALINI CARLO, KENNY JOSE', LOZZI LUCA, PICOZZI PIETRO,
SANTUCCI SANDRO, VALENTINI LUCA

-Brevetto: Materiale monostrato comprendente ossido di grafene atto alla realizzazione di film accoppiati polimerici per il confezionamento di prodotti alimentari e farmaceutici
Patent Assignee: Università degli Studi dell'Aquila - Nanocat S.r.l.
Inventor: De Marco Patrizia, Luca Lozzi, Luca Ottaviano, Sandro Santucci
Priority Details: RM2011A000649 06/12/2011

-Brevetto per Invenzione n. 102015000038909 - MATERIALI TRIDIMENSIONALI A BASE DI OSSIDO DI GRAFENE (GO)"

Richiesta estensione all'estero

Associazioni Scientifiche

Material Research Society (MRS)

American Vacuum Society (AVS)

American Physical Society (APS)

Società Italiana di Fisica (SIF)

PREMI:

Società Italiana di Fisica (SIF) – Premiato in occasione del Congresso Nazionale SIF

SOCIO BENEMERITO per la Carriera Scientifica

<http://www.sif.it/attivita/congresso/xcviii/premiati>

NOTA: il sottoscritto dichiara che eventuali errori o imprecisioni non sono da imputare a malafede.
Chiunque ne riscontri è fortemente invitato a segnalarli all'interessato che se ne riscontrerà la validità
apporterà le dovute correzioni

Publicazioni

Si premette che sebbene l'archivio internazionale ad accesso aperto "Research Gate" recensisca totalmente la carriera scientifica del sottoscritto attribuendo oltre 400 prodotti a stampa, di seguito vengono elencati solo 294 lavori comparsi su riviste internazionali censite dalle principali banche dati bibliometriche e dotate del metodo di valutazione del "Peer Review". Le altre circa 100 pubblicazioni, non presentate in questo documento sono o Capitoli di Libri di Conferenze o apparse nei Proceedings di Congressi, la cui entità indica comunque la partecipazione dell'autore ad eventi di carattere internazionale e nazionale per la ricerca.

1.	2018	<p>Articolo in rivista Angelo Antonio D'Archivio, Maria Anna Maggi, Antonella Odoardi, Sandro Santucci and Maurizio Passacantando¹ Adsorption of triazine herbicides from aqueous solution by functionalized multiwall carbon nanotubes grown on silicon substrate Nanotechnology, Volume 29, Number 6</p>
2.	2018	<p>Articolo in rivista Pierangelo Bellio, Carla Luzi, Alisia Mancini, Salvatore Cracchiolo, Maurizio Passacantando, Letizia Di Pietro, Mariagrazia Perilli, Gianfranco Amicosante, Sandro Santucci, Giuseppe Celenza Cerium oxide nanoparticles as potential antibiotic adjuvant. Effects of CeO₂ nanoparticles on bacterial outer membrane permeability Biochimica et Biophysica Acta (BBA) - Biomembranes Volume 1860, Issue 11, November 2018, Pages 2428-2435</p>
3.	2018	<p>Articolo in rivista Carmela Bonavolontà, Carla Aramo, Michelangelo Ambrosio, Maurizio Boscardin, Lucia Consiglio, Michele Crivellari, Emanuele Fiandrini, Maurizio Passacantando Sandro Santucci, Massimo Valentino UV photo-responsivity of a large-area MWCNT-Si photodetector operated at cryogenic temperature The European Physical Journal Plus March 2018, 133:95</p>

4.	2016	<p>Articolo in rivista Ardini Matteo, Golia Giordana, Passaretti Paolo, Cimini Annamaria, Pitari Giuseppina, Giansanti Francesco, Leandro Luana Di, Ottaviano Luca, Perrozzi Francesco, Santucci Sandro, Morandi Vittorio, Ortolani Luca, Christian Meganne, Treossi Emanuele, Palermo Vincenzo, Angelucci Francesco, Ippoliti Rodolfo (2016). Supramolecular self-assembly of graphene oxide and metal nanoparticles into stacked multilayers by means of a multitasking protein ring. NANOSCALE, vol. 8, p. 6739-6753, ISSN: 2040-3364, doi: 10.1039/C5NR08632A</p>
5.	2016	<p>Articolo in rivista Dohcevic-Mitrovic Zorana, Stojadinović Stevan, Lozzi Luca, Aškračić Sonja, Rosić Milena, Tomić Nataša, Paunović Novica, Lazović Saša, Nikolić Marko G., Santucci Sandro (2016). WO₃/TiO₂ composite coatings: Structural, optical and photocatalytic properties. MATERIALS RESEARCH BULLETIN, vol. 83, p. 217-224, ISSN: 0025-5408, doi: 10.1016/j.materresbull.2016.06.011</p>
6.	2016	<p>Articolo in rivista Aramo C, Ambrosio M., Bonavolontà C., Boscardin M., Castrucci P., Crivellari M., De Crescenzi M., de Lisio C., Fiandrini E., Grossi V., Maddalena P., Passacantando M., Santucci S., Scarselli M., Valentini A., Valentino M. (2016). Light induced tunnel effect in CNT-Si photodiode. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, ISSN: 0168-9002, doi: 10.1016/j.nima.2015.11.048</p>
7.	2015	<p>Articolo in rivista Ruggieri Fabrizio, D'Archivio A.A., Di Camillo D., Lozzi L., Maggi M.A., Mercorio R., Santucci S. (2015). Development of molecularly imprinted polymeric nanofibers by electrospinning and applications to pesticide adsorption. JOURNAL OF SEPARATION SCIENCE, vol. 38, p. 1402-1410, ISSN: 1615-9306, doi: 10.1002/jssc.201500033</p>
8.	2015	<p>Articolo in rivista Donarelli Maurizio, Prezioso Stefano, Perrozzi Francesco, Giancaterini Luca, Cantalini Carlo, Treossi Emanuele, Palermo Vincenzo, Santucci Sandro, Ottaviano Luca (2015). Graphene oxide for gas detection under standard humidity conditions. 2D MATERIALS, vol. 2, ISSN: 2053-1583, doi: 10.1088/2053-1583/2/3/035018</p>

9.	2015	<p>Articolo in rivista Valentini Antonio, Valentini Marco, Ditaranto Nicoletta, Melisi Domenico, Aramo Carla, Ambrosio Antonio, Casamassima Giuseppe, Cilmo Marco, Fiandrini Emanuele, Grossi Valentina, Guarino Fausto, Angela Nitti Maria, Passacantando Maurizio, Santucci Sandro, Ambrosio Michelangelo (2015). A conductive surface coating for Si-CNT radiation detectors. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 790, p. 14-18, ISSN: 0168-9002, doi: 10.1016/j.nima.2015.04.006</p>
10.	2015	<p>Articolo in rivista Fiorani L, Passacantando M, Santucci S, Di Marco S, Bisti S, Maccarone R (2015). Cerium Oxide Nanoparticles Reduce Microglial Activation and Neurodegenerative Events in Light Damaged Retina.. PLOS ONE, vol. 10, ISSN: 1932-6203, doi: 10.1371/journal.pone.0140387</p>
11.	2015	<p>Articolo in rivista Aramo Carla, Ambrosio Antonio, Ambrosio Michelangelo, Boscardin Maurizio, Castrucci Paola, Crivellari Michele, Cilmo Marco, De Crescenzi Maurizio, De Nicola Francesco, Fiandrini Emanuele, Grossi Valentina, Maddalena Pasqualino, Passacantando Maurizio, Santucci Sandro, Scarselli Manuela, Valentini Antonio (2015). Observation of a photoinduced, resonant tunneling effect in a carbon nanotube-silicon heterojunction. BEILSTEIN JOURNAL OF NANOTECHNOLOGY, vol. 6, p. 704-710, ISSN: 2190-4286, doi: 10.3762/bjnano.6.71</p>
12.	2014	<p>Articolo in rivista Perrozzi F, Croce S, Treossi E, Palermo V, Santucci S, Fioravanti G, Ottaviano L (2014). Reduction dependent wetting properties of graphene oxide. CARBON, vol. 77, p. 473-480, ISSN: 0008-6223, doi: 10.1016/j.carbon.2014.05.052</p>
13.	2014	<p>Articolo in rivista Prezioso Stefano, Perrozzi Francesco, Donarelli Maurizio, Stagnini Enrico, Treossi Emanuele, Palermo Vincenzo, Santucci Sandro, Nardone Michele, Moras Paolo, Ottaviano Luca (2014). Dose and wavelength dependent study of graphene oxide photoreduction with VUV Synchrotron radiation. CARBON, vol. 79, p. 478-485, ISSN: 0008-6223, doi: 10.1016/j.carbon.2014.07.087</p>
14.	2014	<p>Articolo in rivista Ardini M, Giansanti F, Di Leandro L, Pitari G, Cimini A, Ottaviano L, Donarelli M, Santucci S, Angelucci F, Ippoliti R (2014). Metal-induced self-assembly of peroxiredoxin as a tool for sorting ultrasmall gold nanoparticles into one-dimensional clusters. NANOSCALE, vol. 6, p. 8052-8061, ISSN: 2040-3364, doi: 10.1039/c4nr01526f</p>

15.	2014	Articolo in rivista Poma A, Ragnelli AM, de Lapuente J, Ramos D, Borrás M, Aimola P, Di Gioacchino M, Santucci S, De Marzi L (2014). In vivo inflammatory effects of ceria nanoparticles on CD-1 mouse: evaluation by hematological, histological, and TEM analysis.. JOURNAL OF IMMUNOLOGY RESEARCH, ISSN: 2314-7156, doi: 10.1155/2014/361419
16.	2013	Articolo in rivista Ruggieri F, Di Camillo D, Maccarone L, Santucci S, Lozzi L (2013). Electrospun Cu-, W- and Fe-doped TiO ₂ nanofibres for photocatalytic degradation of rhodamine 6G. JOURNAL OF NANOPARTICLE RESEARCH, vol. 15, p. 1-11, ISSN: 1388-0764, doi: 10.1007/s11051-013-1982-x
17.	2013	Articolo in rivista Aramo C., Ambrosio A., Ambrosio M., Battiston R., Castrucci P., Cilmo M., De Crescenzi M., Fiandrini E., Guarino F., Grossi V., Maddalena P., Nappi E., Passacantando M, Pignatell G., Santucci S., Scarselli M., Tinti A., Valentini A. (2013). Development of new photon detection device for Cherenkov and fluorescence radiation. EPJ WEB OF CONFERENCES, vol. 53, 08014, ISSN: 2100-014X, doi: 10.1051/epjconf/20135308014
18.	2013	Articolo in rivista Aramo C, Ambrosio A, Ambrosio M, Battiston R, Castrucci P, Cilmo M, De Crescenzi M, Fiandrini E, Guarino F, Grossi V, Maddalena P, Nappi E, Passacantando M, Pignatell G, SANTUCCI S, Scarselli M, Tinti A, Valentini A (2013). Development of new photon detection device for Cherenkov and fluorescence radiation. EPJ WEB OF CONFERENCES, vol. 53, ISSN: 2100-014X, doi: 10.1051/epjconf/20135308014
19.	2013	Articolo in rivista Di Camillo D, Fasano V, Ruggieri F, Santucci S, Lozzi L, Camposeo A, Pisignano D (2013). Near-field electrospinning of light-emitting conjugated polymer nanofibers. NANOSCALE, vol. 5, p. 11637-11642, ISSN: 2040-3364, doi: 10.1039/c3nr03094f
20.	2013	Articolo in rivista Perrozzi F, Prezioso S, Donarelli M, Bisti F, De Marco P, Santucci S, Nardone M, Treossi E, Palermo V, Ottaviano L (2013). Use of Optical Contrast To Estimate the Degree of Reduction of Graphene Oxide. JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES, vol. 117, p. 620-625, ISSN: 1932-7447, doi: 10.1021/jp3069738

21.	2013	<p>Articolo in rivista Portioli C, Benati D, Pil Y, Bernardi P, Crucianelli M, Santucci S, Bentivoglio M, Passacantando M (2013). Short-Term Biodistribution of Cerium Oxide Nanoparticles in Mice: Focus on Brain Parenchyma. NANOSCIENCE AND NANOTECHNOLOGY LETTERS, vol. 5, p. 1174-1181, ISSN: 1941-4900, doi: 10.1166/nnl.2013.1715</p>
22.	2013	<p>Articolo in rivista De Marzi L, Monaco A, De Lapuente J, Ramos D, Borrás M, Di Gioacchino M, Santucci S, Poma A (2013). Cytotoxicity and Genotoxicity of Ceria Nanoparticles on Different Cell Lines in Vitro. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol. 14, p. 3065-3077, ISSN: 1422-0067, doi: 10.3390/ijms14023065</p>
23.	2013	<p>Articolo in rivista Ruggieri F, Di Camillo D, Lozzi L, Santucci S, De Marcellis A, Ferri G, Giancaterini L, Cantalini C (2013). Preparation of nitrogen doped TiO₂ nanofibers by near field electrospinning (NFES) technique for NO₂ sensing. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 179, p. 107-113, ISSN: 0925-4005, doi: 10.1016/j.snb.2012.10.094</p>
24.	2013	<p>Articolo in rivista Aramo C, Ambrosio A, Ambrosio M, Battiston R, Castrucci P, Cilmo M, De Crescenzi M, Fiandrini E, Guarino F, Grossi V, Maddalena P, Nappi E, Passacantando M, Pignatelli G, Santucci S, Scarselli M, Tinti A, Valentini A (2013). Progress on the development of a silicon-carbon nanotube photodetector. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 718, p. 554-556, ISSN: 0168-9002, doi: 10.1016/j.nima.2012.10.107</p>
25.	2013	<p>Articolo in rivista Passacantando M, Santucci S (2013). Surface electronic and structural properties of CeO₂ nanoparticles: a study by core-level photoemission and peak diffraction. JOURNAL OF NANOPARTICLE RESEARCH, vol. 15, ISSN: 1388-0764, doi: 10.1007/s11051-013-1785-0</p>
26.	2013	<p>Articolo in rivista Ruggieri F, Di Camillo D, Maccarone L, Santucci S, Lozzi L (2013). Electrospun Cu-, W- and Fe-doped TiO₂ nanofibres for photocatalytic degradation of rhodamine 6G. JOURNAL OF NANOPARTICLE RESEARCH, vol. 15, ISSN: 1388-0764, doi: 10.1007/s11051-013-1982-x</p>

27.	2013	Articolo in rivista Prezioso S, Perrozzi F, Giancaterini L, Cantalini C, Treossi E, Palermo V, Nardone M, Santucci S, Ottaviano L (2013). Graphene Oxide as a Practical Solution to High Sensitivity Gas Sensing. JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES, vol. 117, p. 10683-10690, ISSN: 1932-7447, doi: 10.1021/jp3085759
28.	2013	Articolo in rivista Prezioso S, Perrozzi F, Giancaterini L, Cantalini C, Treossi E, Palermo V, Nardone M, Santucci S, Ottaviano L (2013). Graphene Oxide as a Practical Solution to High Sensitivity Gas Sensing. JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES, vol. 117, p. 10683-10690, ISSN: 1932-7447, doi: dx.doi.org/10.1021/jp3085759
29.	2013	Articolo in rivista Di Camillo D, Fasano V, Ruggieri F, Santucci S, Lozzi L, Camposeo A, Pisignano D (2013). Near-field electrospinning of light-emitting conjugated polymer nanofibers. NANOSCALE, vol. 5, p. 11637-11642, ISSN: 2040-3364, doi: 10.1039/c3nr03094f
30.	2013	Articolo in rivista Ruggieri F, Di Camillo D, Lozzi L, Santucci S, De Marcellis A, Ferri G, Giancaterini L, Cantalini C (2013). Preparation of nitrogen doped TiO ₂ nanofibers by near field electrospinning (NFES) technique for NO ₂ sensing. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 179, p. 107-113, ISSN: 0925-4005, doi: 10.1016/j.snb.2012.10.094
31.	2013	Articolo in rivista Portioli C, Benati D, Pil Y, Bernardi P, Crucianelli M, Santucci S, Bentivoglio M, Passacantando M (2013). Short-Term Biodistribution of Cerium Oxide Nanoparticles in Mice: Focus on Brain Parenchyma. NANOSCIENCE AND NANOTECHNOLOGY LETTERS, vol. 5, p. 1174-1181, ISSN: 1941-4900, doi: 10.1166/nnl.2013.1715
32.	2013	Articolo in rivista Aramo C., Ambrosio A., Ambrosio M., Battiston R., Castrucci P., Cilmo M., De Crescenzi M., Fiandrini E., Guarino F., Grossi V., Maddalena P., Nappi E., Passacantando M, Pignatell G., Santucci S., Scarselli M., Tinti A., Valentini A. (2013). Progress on the development of a silicon-carbon nanotube photodetector. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 718, p. 554-556, ISSN: 0168-9002, doi: 10.1016/j.nima.2012.10.107

33.	2013	Articolo in rivista Passacantando M, Santucci S (2013). Surface electronic and structural properties of CeO ₂ nanoparticles: a study by core-level photoemission and peak diffraction. JOURNAL OF NANOPARTICLE RESEARCH, ISSN: 1388-0764, doi: 10.1007/s11051-013-1785-0
34.	2013	Articolo in rivista Perrozzi F, Prezioso S, Donarelli M, Bisti F, De Marco P, Santucci S, Nardone M, Treossi E, Palermo V, Ottaviano L (2013). Use of Optical Contrast To Estimate the Degree of Reduction of Graphene Oxide. JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES, vol. 117, p. 620-625, ISSN: 1932-7447, doi: 10.1021/jp3069738
35.	2012	Articolo in rivista Aramo C, Ambrosio A, Ambrosio M, Castrucci P, Cilmo M, De Crescenzi M, Fiandrini E, Guarino F, Grossi V, Nappi E, Passacantando M, Pignatel G, Santucci S, Scarselli M, Tinti A, Valentini A (2012). Progress in the realization of a silicon-CNT photodetector. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 695, p. 150-153, ISSN: 0168-9002, doi: 10.1016/j.nima.2011.12.098
36.	2012	Articolo in rivista Passacantando M, Grossi V, Santucci S (2012). High photocurrent from planar strips of vertical and horizontal aligned multi wall carbon nanotubes. APPLIED PHYSICS LETTERS, ISSN: 0003-6951, doi: 10.1063/1.4704569
37.	2012	Articolo in rivista C. Aramo, A. Ambrosio, M. Ambrosio, P. Castrucci, M. Cilmo, M. De Crescenzi, E. Fiandrini, F. Guarino, V. Grossi, E. Nappi, Passacantando M, G. Pignatel, S. Santucci, M. Scarselli, A. Tinti, A. Valentini (2012). Progress in the realization of a silicon-CNT photodetector. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 695, p. 150-153, ISSN: 0168-9002, doi: 10.1016/j.nima.2011.12.098
38.	2012	Articolo in rivista Ambrosio A., Aramo C., Battiston R., Castrucci P., Cilmo M., De Crescenzi M., Fiandrini E., Grossi V., Guarino F., Maddalena P., Nappi E., Passacantando M, Pignatel G., Santucci S., Scarselli M., Tinti A., Valentini A., Ambrosio M. (2012). Innovative carbon nanotube-silicon large area photodetector. JOURNAL OF INSTRUMENTATION, ISSN: 1748-0221, doi: 10.1088/1748-0221/7/08/P08013

39.	2012	Articolo in rivista Di Camillo D, Ruggieri F, Santucci S, Lozzi L (2012). N-Doped TiO ₂ Nanofibers Deposited by Electrospinning. JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES, vol. 116, p. 18427-18431, ISSN: 1932-7447, doi: 10.1021/jp302499n
40.	2012	Articolo in rivista Prezioso S, Donarelli M, Bisti F, Palladino L, Santucci S, Spadoni S, Avaro L, Liscio A, Palermo V, Ottaviano L (2012). Combined microscopies study of the C-contamination induced by Extreme-UV radiation: a surface-dependent secondary-electron-based model. APPLIED PHYSICS LETTERS, vol. 100, ISSN: 0003-6951, doi: 10.1063/1.4714774
41.	2012	Articolo in rivista Prezioso S., Perrozzi M., Donarelli M., Bisti F., Santucci S, Palladino L., Nardone M., Treossi E., Palermo V., Ottaviano L. (2012). Large Area Extreme-UV Lithography of Graphene Oxide via Spatially Resolved Photoreduction. LANGMUIR, vol. 28, p. 5489-5495, ISSN: 0743-7463, doi: 10.1021/la204637a
42.	2012	Articolo in rivista Cimini A, D'Angelo B, Das S, Gentile R, Benedetti E, Singh V, Monaco AM, SANTUCCI S, Seal S (2012). Antibody-conjugated PEGylated cerium oxide nanoparticles for specific targeting of A beta aggregates modulate neuronal survival pathways. ACTA BIOMATERIALIA, vol. 8, p. 2056-2067, ISSN: 1742-7061, doi: 10.1016/j.actbio.2012.01.035
43.	2012	Articolo in rivista Ambrosio A, Aramo C, Battiston R, Castrucci P, Cilmo M, De Crescenzi M, Fiandrini E, Grossi V, Guarino F, Maddalena P, Nappi E, Passacantando M, Pignatell G, SANTUCCI S, Scarselli M, Tinti A, Valentini A, Ambrosio M (2012). Innovative carbon nanotube-silicon large area photodetector. JOURNAL OF INSTRUMENTATION, vol. 7, ISSN: 1748-0221, doi: 10.1088/1748-0221/7/08/P08013
44.	2012	Articolo in rivista Di Camillo D, Ruggieri F, Santucci S, Lozzi L (2012). N-Doped TiO ₂ Nanofibers Deposited by Electrospinning. JOURNAL OF PHYSICAL CHEMISTRY. C, NANOMATERIALS AND INTERFACES, vol. 116, p. 18427-18431, ISSN: 1932-7447, doi: 10.1021/jp302499n

45.	2012	<p>Articolo in rivista</p> <p>P. De Marco, F. Bisti, F. Fioriti, M. Passacantando, C. Bittencourt S. Lettieri, A. Ambrosio, P. Maddalena, S. Prezioso, Santucci S, L. Ottaviano (2012). "Crystal phase dependent photoluminescence of 6,13-pentacenequinone", has been published online today, 6 July 2012, in Journal of Applied Physics (Vol.112, Issue 1): URL: DOI: 10.1063/1.4732078. JOURNAL OF APPLIED PHYSICS, ISSN: 1089-7550, doi: 10.1063/1.4732078</p>
46.	2012	<p>Articolo in rivista</p> <p>Prezioso S., Donarelli M., Bisti F., Palladino L., Santucci S, Spadoni S., Avaro L., Liscio A., Palermo V., Ottaviano L. (2012). Combined microscopies study of the C-contamination induced by extreme-ultraviolet radiation: A surface-dependent secondary-electron-based model. APPLIED PHYSICS LETTERS, vol. 100, ISSN: 0003-6951, doi: 10.1063/1.4714774</p>
47.	2012	<p>Articolo in rivista</p> <p>Prezioso S., Perrozzi M., Donarelli M., Bisti F., Santucci S, Palladino L., Nardone M., Treossi E., Palermo V., Ottaviano L. (2012). Large Area Extreme-UV Lithography of Graphene Oxide via Spatially Resolved Photoreduction. LANGMUIR, vol. 28, p. 5489-5495, ISSN: 0743-7463, doi: 10.1021/la204637a</p>
48.	2012	<p>Articolo in rivista</p> <p>Passacantando M., Grossi V., Santucci S (2012). High photocurrent from planar strips of vertical and horizontal aligned multi wall carbon nanotubes. APPLIED PHYSICS LETTERS, vol. 100, ISSN: 0003-6951, doi: 10.1063/1.4704569</p>
49.	2011	<p>Articolo in rivista</p> <p>De Marco P, Fioriti F, Bisti F, Parisse P, Santucci S, Ottaviano L (2011). Bulk phase two dimensional chiral growth of 6,13 Pentacenequinone on SiO(2). JOURNAL OF APPLIED PHYSICS, vol. 109, ISSN: 0021-8979, doi: 10.1063/1.3549833</p>
50.	2011	<p>Articolo in rivista</p> <p>De Marco P, Fioriti F, Bisti F, Parisse P, Santucci S, Ottaviano L (2011). Bulk phase two dimensional chiral growth of 6,13 Pentacenequinone on SiO(2). JOURNAL OF APPLIED PHYSICS, ISSN: 0021-8979, doi: 10.1063/1.3549833</p>
51.	2011	<p>Articolo in rivista</p> <p>Ruggieri F, D'Archivio AA, Fanelli M, Santucci S (2011). Photocatalytic degradation of linuron in aqueous suspensions of TiO2. RSC ADVANCES, vol. 1, p. 611-618, ISSN: 2046-2069, doi: 10.1039/c1ra00133g</p>

52.	2011	Articolo in rivista Prezioso S, Ottaviano L, Bisti F, Donarelli M, Santucci S, Palladino L, Penna S, Reale A (2011). Infrared photoluminescence of erbium-tris(8-hydroxyquinoline) in a distributed feedback cavity. JOURNAL OF LUMINESCENCE, vol. 131, p. 682-685, ISSN: 0022-2313, doi: 10.1016/j.jlumin.2010.11.017
53.	2011	Articolo in rivista Santandrea S, Giubileo F, Grossi V, Santucci S, Passacantando M, Schroeder T, Lupina G, Di Bartolomeo A (2011). Field emission from single and few-layer graphene flakes. APPLIED PHYSICS LETTERS, 163109, ISSN: 0003-6951, doi: 10.1063/1.3579533
54.	2011	Articolo in rivista LOZZI L, S. SANTUCCI (2011). Au/CuPc interface: A valence band photoemission investigation. THE JOURNAL OF CHEMICAL PHYSICS, vol. 134, ISSN: 0021-9606, doi: 10.1063/1.3569796
55.	2011	Articolo in rivista Prezioso S, Ottaviano L, Bisti F, Donarelli M, Santucci S, Palladino L, Penna S, Reale A (2011). Infrared photoluminescence of erbium-tris(8-hydroxyquinoline) in a distributed feedback cavity. JOURNAL OF LUMINESCENCE, vol. 131, p. 682-685, ISSN: 0022-2313, doi: 10.1016/j.jlumin.2010.11.017
56.	2011	Articolo in rivista Tinti A., Righetti F., Ligonzo T., Valentini A., Nappi E., Ambrosio A., Ambrosio M., Aramo C., Maddalena P., Castrucci P., Scarselli M., De Crescenzi M., Fiandrini E., Grossi V., Santucci S, Passacantando M. (2011). Electrical analysis of carbon nanostructures/silicon heterojunctions designed for radiation detection. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 629, p. 377-381, ISSN: 0168-9002, doi: 10.1016/j.nima.2010.11.097
57.	2011	Articolo in rivista Ruggieri F, D'Archivio AA, Fanelli M, Santucci S (2011). Photocatalytic degradation of linuron in aqueous suspensions of TiO(2). RSC ADVANCES, vol. 1, p. 611-618, ISSN: 2046-2069, doi: 10.1039/c1ra00133g
58.	2011	Articolo in rivista Lozzi L, Santucci S (2011). Au/CuPc interface: A valence band photoemission investigation. THE JOURNAL OF CHEMICAL PHYSICS, vol. 134, ISSN: 0021-9606, doi: 10.1063/1.3569796

59.	2011	Articolo in rivista Di Giorgio MI, Di Bucchianico S, Ragnelli Am, Aimola P, Santucci S, Poma A (2011). Effects of single and multi walled carbon nanotubes on macrophages: Cyto and genotoxicity and electron microscopy. MUTATION RESEARCH. GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol. 722, p. 20-31, ISSN: 1383-5718, doi: 10.1016/j.mrgentox.2011.02.008
60.	2010	Articolo in rivista Poma AM, Di Bucchianico S, Galano A, Santucci S (2010). Biocompatibility evaluation of TiO(2) nanoparticles and thin films by means of the murine macrophages RAW 264.7 cell line. JOURNAL OF BIOTECHNOLOGY, vol. 150, p. S466, ISSN: 0168-1656, doi: 10.1016/j.jbiotec.2010.09.691
61.	2010	Articolo in rivista Ambrosio M, Aramo C, Carillo V, Ambrosio A, Guarino F, Maddalena P, Grossi V, Passacantando M, Santucci S, Valentini A (2010). A novel photon detector made of silicon and carbon nanotubes. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 617, p. 378-380, ISSN: 0168-9002, doi: 10.1016/j.nima.2009.06.069
62.	2010	Articolo in rivista Passacantando M, Bussolotti F., Santucci S. (2010). Tuning electromechanical response of individual CNT by selective electron beam induced deposition. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 356, p. 2038-2041, ISSN: 0022-3093, doi: 10.1016/j.jnoncrysol.2010.05.031
63.	2010	Articolo in rivista De Marco P, Nardone M, Del Vitto A, Alessandri M, Santucci S, Ottaviano L (2010). Rapid identification of graphene flakes: alumina does it better. NANOTECHNOLOGY, vol. 21, ISSN: 0957-4484, doi: 10.1088/0957-4484/21/25/255703
64.	2010	Articolo in rivista Grossi V, Ottaviano L, Santucci S, Passacantando M (2010). XPS and SEM studies of oxide reduction of germanium nanowires. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 356, p. 1988-1993, ISSN: 0022-3093, doi: 10.1016/j.jnoncrysol.2010.05.042
65.	2010	Articolo in rivista Prezioso S, De Marco P, Zuppella P, Santucci S, Ottaviano L (2010). A study of the mechanical vibrations of a table-top extreme ultraviolet interference nanolithography tool. REVIEW OF SCIENTIFIC INSTRUMENTS, ISSN: 0034-6748, doi: 10.1063/1.3384303

66.	2010	Articolo in rivista Kwoka M, Ottaviano L, Waczynska N, Santucci S, Szuber J (2010). Influence of Si substrate preparation on surface chemistry and morphology of L-CVD SnO(2) thin films studied by XPS and AFM. APPLIED SURFACE SCIENCE, vol. 256, p. 5771-5775, ISSN: 0169-4332, doi: 10.1016/j.apsusc.2010.03.093
67.	2009	Articolo in rivista SCHEM M, SCHMIDT T, GERWANN J, WITTMAR M, VEITH M, THOMPSON, G.E, MOLCHAN I.S, HASHIMOTO T, SKELDON P, PHANI A.R, SANTUCCI S, ZHELUDKEVICH M.L (2009). CeO ₂ -filled sol-gel coatings for corrosion protection of AA2024-T3 aluminium alloy. CORROSION SCIENCE, vol. 50, p. 2304-2315, ISSN: 0010-938X
68.	2009	Articolo in rivista Antonini G, Di Clerico M, Orlandi A, Ricchiuti V, Passacantando M, Santucci S (2009). Experimental characterization and equivalent circuit extraction of nanowires for signal integrity applications RID A-9879-2010. TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, vol. 17, p. 241-252, ISSN: 1300-0632, doi: 10.3906/elk-0908-179
69.	2009	Articolo in rivista RINALDI M, RUGGIERI F, LOZZI L, SANTUCCI S (2009). Well-aligned Ti O ₂ nanofibers grown by near-field- electrospinning. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. B, vol. 27, p. 1829-1833, ISSN: 1071-1023, doi: 10.1116/1.3154516
70.	2009	Articolo in rivista Giubileo F., Di Bartolomeo A., Scarfato A., Iemmo L., Bobba F., Passacantando M, Santucci S., Cucolo A. M. (2009). Local probing of the field emission stability of vertically aligned multi-walled carbon nanotubes. CARBON, vol. 47, p. 1074-1080, ISSN: 0008-6223, doi: 10.1016/j.carbon.2008.12.035
71.	2009	Articolo in rivista Krzywiecki M, Ottaviano L, Grzadziel L, Parisse P, Santucci S, Szuber J (2009). Influence of substrate doping on the surface chemistry and morphology of Copper Phthalocyanine ultra thin films on Si (111) substrates. THIN SOLID FILMS, vol. 517, p. 1630-1635, ISSN: 0040-6090, doi: 10.1016/j.tsf.2008.09.099
72.	2009	Articolo in rivista Coscia U, Ambrosone G, Ambrosio A, Ambrosio M, Bussolotti F, Carillo V, Grossi V, Maddalena P, Passacantando M, Perillo E, Raulo A, Santucci S (2009). Photoconductivity of multiwalled CNT deposited by CVD. SOLID STATE SCIENCES, vol. 11, p. 1806-1809, ISSN: 1293-2558, doi: 10.1016/j.solidstatesciences.2009.05.019

73.	2009	<p>Articolo in rivista Ambrosio M, Ambrosio A, Ambrosone G, Campajola L, Cantele G, Carillo V, Coscia U, Iadonisi G, Ninno D, Maddalena P, Perillo E, Raulo A, Russo P, Trani F, Esposito E, Grossi V, Passacantando M, Santucci S, Allegrini M, Gucciardi PG, Patane S, Bobba F, Di Bartolomeo A, Giubileo F, Lemmo L, Scarfato A, Cucolo AM (2009). Nanotechnology: A new era for photodetection? RID A-1951-2009 RID A-1623-2008 RID F-3894-2011. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 610, p. 1-10, ISSN: 0168-9002, doi: 10.1016/j.nima.2009.05.138</p>
74.	2009	<p>Articolo in rivista Parisse P, Luciani D, D'Angelo A, Santucci S, Zuppella P, Tucceri P, Reale A, Ottaviano L (2009). Patterning at the nanoscale: Atomic force microscopy and extreme ultraviolet interference lithography. MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY, vol. 165, p. 227-230, ISSN: 0921-5107, doi: 10.1016/j.mseb.2009.07.003</p>
75.	2009	<p>Articolo in rivista BERTI F, LOZZI L, PALCHETTI I, SANTUCCI S, MARRAZZA G (2009). Aligned carbon nanotube thin films for DNA electrochemical sensing. ELECTROCHIMICA ACTA, vol. 54, p. 5035-5041, ISSN: 0013-4686</p>
76.	2009	<p>Articolo in rivista OTTAVIANO, L, KWOKA, M, BISTI, F, PARISSSE, P, GROSSI, V, SANTUCCI S, SZUBER, J (2009). Local surface morphology and chemistry of SnO₂ thin films deposited by rheotaxial growth and thermal oxidation method for gas sensor application. THIN SOLID FILMS, vol. 517, p. 6161-6169, ISSN: 0040-6090</p>
77.	2009	<p>Articolo in rivista D'ANGELO B, SANTUCCI S, BENEDETTI E, DI LORETO S, PHANI R.A, FALONE S, AMICARELLI F, CERÙ M.P, CIMINI A (2009). Cerium oxide nanoparticles trigger neuronal survival in a human Alzheimer disease model by modulating BDNF pathway. CURRENT NANOSCIENCE, vol. 5(2), p. 167-176, ISSN: 1573-4137</p>
78.	2009	<p>Articolo in rivista KRISHNAKUMAR T, JAYAPRAKASH R, PINNA N, PHANI A.R, PASSACANTANDO M, SANTUCCI S (2009). Structural, optical and electrical characterization of antimony-substituted tin oxide nanoparticles. JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol. 70, p. 993-999, ISSN: 0022-3697, doi: 10.1016/j.jpics.2009.05.013</p>

79.	2009	Articolo in rivista ZUPPELLA P, LUCIANI D, TUCCERI P, DE MARCO P, GAUDIERI A, KAISER J, OTTAVIANO L, SANTUCCI S, REALE A (2009). Large area interference lithography using a table-top extreme ultraviolet laser: A systematic study of the degree of mutual coherence. NANOTECHNOLOGY, vol. 20, ISSN: 0957-4484
80.	2008	Articolo in rivista Kwoka M., Ottaviano L., Passacantando M, Czempik G., Santucci S., Szuber J. (2008). XPS study of the surface chemistry of Ag-covered L-CVD SnO ₂ thin films. APPLIED SURFACE SCIENCE, vol. 254, p. 8089-8092, ISSN: 0169-4332, doi: 10.1016/j.apsusc.2008.03.019
81.	2008	Articolo in rivista Ambrosio A., Ambrosio M., Ambrosone G., Carillo V., Coscia U., Grossi V., Maddalena P., Passacantando M, Perillo E., Raulo A., Santucci S. (2008). A new radiation detector made of multi-walled carbon. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION A, ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, vol. 589, p. 398-403, ISSN: 0168-9002, doi: 10.1016/j.nima.2008.03.004
82.	2008	Articolo in rivista Passacantando M, Bussolotti F., Grossi V., Santucci S., Ambrosio A., Ambrosio M., Ambrosone G., Carillo V., Coscia U., Maddalena P., Perillo E., Raulo A., RI Maddalena Pasqualino/G-7114-2011 (2008). Photoconductivity in defective carbon nanotube sheets under ultraviolet-visible-near infrared radiation. APPLIED PHYSICS LETTERS, vol. 93, ISSN: 0003-6951, doi: 10.1063/1.2968203
83.	2008	Articolo in rivista Ambrosio A, Ambrosio M, Ambrosone G, Carillo V, Coscia U, Grossi V, Maddalena P, Passacantando M, Perillo E, Raulo A, Santucci S (2008). Sensing pulsed light by means of Multi-Walled Carbon Nanotubes. MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol. 11, p. 187-189, ISSN: 1369-8001, doi: 10.1016/j.mssp.2008.10.003
84.	2008	Articolo in rivista Grossi V., Parisse P., Passacantando M, Santucci S., Impellizzeri G., Irrera A., Ottaviano L. (2008). Surface chemistry study of Mn-doped germanium nanowires. APPLIED SURFACE SCIENCE, vol. 254, p. 8093-8097, ISSN: 0169-4332, doi: 10.1016/j.apsusc.2008.03.024
85.	2008	Articolo in rivista Lozzi L, Santucci S, Bussolotti F, La Rosa S (2008). Investigation on copper phthalocyanine/multiwalled carbon nanotube interface. JOURNAL OF APPLIED PHYSICS, vol. 104, p. 033701-1-033701-5, ISSN: 0021-8979, doi: 10.1063/1.2961325

86.	2008	Articolo in rivista Bussolotti F, Grossi V, SANTUCCI S, Lozzi L, Passacantando M (2008). Effect of thermal treatment on morphology and electrical transport properties of Carbon Nanotubes film. JOURNAL OF PHYSICS. CONFERENCE SERIES, vol. 100, ISSN: 1742-6588, doi: 10.1088/1742-6596/100/1/012012
87.	2008	Articolo in rivista Krzywiecki M, Grzadziel L, Ottaviano L, Parisse P, Santucci S, Szuber J (2008). XPS study of air exposed copper phthalocyanine ultra-thin films deposited on Si(111) native substrates. MATERIALS SCIENCE, vol. 26, p. 287-294, ISSN: 0137-1339
88.	2008	Articolo in rivista Grossi V, Bussolotti F, Passacantando A, Santucci S, Ottaviano L (2008). Mn doping of germanium nanowires by vapour-liquid-solid deposition. SUPERLATTICES AND MICROSTRUCTURES, vol. 44, p. 489-495, ISSN: 0749-6036, doi: 10.1016/j.spmi.2007.12.007
89.	2008	Articolo in rivista Passacantando M, Bussolotti F., Santucci S., Di Bartolomeo A., Giubileo F., Iemmo L., Cucolo A. M. (2008). Field emission from a selected multiwall carbon nanotube. NANOTECHNOLOGY, vol. 19, ISSN: 0957-4484, doi: 10.1088/0957-4484/19/39/395701
90.	2008	Articolo in rivista Ottaviano L, Bussolotti F, Piperno S, Rinaldi M, Santucci S, Flora F, Mezi L, Dunne P, Kaiser J, Reale A, Ritucci A, Zuppella P (2008). Fabrication of metallic micropatterns using table top extreme ultraviolet laser interferometric lithography. PLASMA SOURCES SCIENCE & TECHNOLOGY, vol. 17, ISSN: 0963-0252, doi: 10.1088/0963-0252/17/2/024019
91.	2008	Articolo in rivista PARISSE P, LUCIANI D, SANTUCCI S, ZUPPELLA P, TUCCERI P, REALE A, OTTAVIANO L (2008). Photoluminescence submicrometre spatial modulation of 6,13 pentacenequinone thin films. JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol. 41, ISSN: 0022-3727
92.	2008	Articolo in rivista Phani A. R., Ruggieri F., Passacantando M, Santucci S. (2008). Low temperature growth of nanocrystalline Fe ₂ TiO ₅ perovskite thin films by sol-gel process assisted by microwave irradiation. CERAMICS INTERNATIONAL, vol. 34, p. 205-211, ISSN: 0272-8842, doi: 10.1016/j.ceramint.2006.09.020

93.	2008	Articolo in rivista Valleti Krishna, Subrahmanyam A., Joshi Srikant V., Phani A. R., Passacantando M, Santucci S. (2008). Studies on phase dependent mechanical properties of dc magnetron sputtered TaN thin films: evaluation of super hardness in orthorhombic Ta(4)N phase. JOURNAL OF PHYSICS D. APPLIED PHYSICS, vol. 41, ISSN: 0022-3727, doi: 10.1088/0022-3727/41/4/045409
94.	2007	Articolo in rivista Di Claudio D, Phani AR, Santucci S (2007). Enhanced optical properties of sol-gel derived TiO ₂ films using microwave irradiation. OPTICAL MATERIALS, vol. 30, p. 279-284, ISSN: 0925-3467, doi: 10.1016/j.optmat.2006.10.032
95.	2007	Articolo in rivista Parisse P, Verna A, Rinaldi M, Bussolotti F, Grossi V, Passacantando M, Nardone M, Santucci S, Ottaviano L (2007). Submicron patterning of a catalyst film by scanning probe nanolithography for a selective chemical vapor deposition of carbon nanotubes. JOURNAL OF APPLIED PHYSICS, ISSN: 0021-8979, doi: 10.1063/1.2711144
96.	2007	Articolo in rivista Phani AR, Grossi V, Passacantando M, Santucci S (2007). The role of nanoscale topography on super-hydrophobicity: a study of fluoro-based polymer film on vertical carbon nanotubes. JOURNAL OF EXPERIMENTAL NANOSCIENCE, vol. 2, p. 63-71, ISSN: 1745-8080, doi: 10.1080/17458080600932845
97.	2007	Articolo in rivista Phani AR, Passacantando M, Santucci S (2007). Synthesis of nanocrystalline ZnTiO ₃ perovskite thin films by sol-gel process assisted by microwave irradiation. JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol. 68, p. 317-323, ISSN: 0022-3697, doi: 10.1016/j.jpcs.2006.09.010
98.	2007	Articolo in rivista Phani AR, Di Claudio D, Passacantando M, Santucci S (2007). GeO ₂ based high k dielectric material synthesized by sol-gel process. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 353, p. 692-696, ISSN: 0022-3093, doi: 10.1016/j.jnoncrysol.2006.10.040
99.	2007	Articolo in rivista Piperno S, Passacantando M, Santucci S, Lozzi L, La Rosa S (2007). WO ₃ nanofibers for gas sensing applications. JOURNAL OF APPLIED PHYSICS, vol. 101, ISSN: 0021-8979, doi: 10.1063/1.2748627

100.	2007	<p>Articolo in rivista Phani AR, Santucci S (2007). Growth of single phase tetragonal structure iron tantalum oxide thin films grown by sol-gel spin coating technique (vol 20, pg 969, 2001). JOURNAL OF MATERIALS SCIENCE, vol. 42, p. 5896, ISSN: 0022-2461, doi: 10.1007/s10853-007-1671-1</p>
101.	2007	<p>Articolo in rivista Bussolotti F, D'Ortenzi L, Grossi V, Lozzi L, Santucci S, Passacantando M (2007). In situ manipulation and electrical characterization of multiwalled carbon nanotubes by using nanomanipulators under scanning electron microscopy (vol 76, pg 125415, 2007). PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 76, ISSN: 1098-0121, doi: 10.1103/PhysRevB.76.129904</p>
102.	2007	<p>Articolo in rivista Phani AR, Passacantando M, Santucci S (2007). Synthesis and characterization of hafnium oxide and hafnium aluminate ultra-thin films by a sol-gel spin coating process for microelectronic applications. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 353, p. 663-669, ISSN: 0022-3093, doi: 10.1016/j.jnoncrysol.2006.10.041</p>
103.	2007	<p>Articolo in rivista Di Bartolomeo A, Scarfato A, Giubileo F, Bobba F, Biasiucci M, Cucolo AM, Santucci S, Passacantando M (2007). A local field emission study of partially aligned carbon-nanotubes by atomic force microscope probe. CARBON, vol. 45, p. 2957-2971, ISSN: 0008-6223, doi: 10.1016/j.carbon.2007.09.049</p>
104.	2006	<p>Articolo in rivista Verna A, Ottaviano L, Passacantando M, Santucci S, Picozzi P, D'Orazio F, Lucari F, De Biase M, Gunnella R, Berti M, Gasparotto A, Impellizzeri G, Priolo F (2006). Ferromagnetism in ion implanted amorphous and nanocrystalline Mn_xGe_{1-x}. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 74, p. 085204-1-085204-12, ISSN: 1098-0121, doi: 10.1103/PhysRevB.74.085204</p>
105.	2006	<p>Articolo in rivista L. LOZZI, V. GRANATO, S. PICOZZI, M. SIMEONI, S. LA ROSA, B. DELLY, SANTUCCI S (2006). CuPc:C60 blend film: A photoemission investigation. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A, AN INTERNATIONAL JOURNAL DEVOTED TO VACUUM, SURFACES, AND FILMS, vol. 24, p. 1668-1675, ISSN: 1553-1813, doi: 10.1116/1.2194923</p>

106.	2006	Articolo in rivista Phani AR, Santucci S (2006). Evaluation of structural and mechanical properties of aluminum oxide thin films deposited by a sol-gel process: Comparison of microwave to conventional anneal. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 352, p. 4093-4100, ISSN: 0022-3093, doi: 10.1016/j.jnoncrysol.2006.06.013
107.	2006	Articolo in rivista Phani AR, Santucci S (2006). Microwave irradiation as an alternative source for conventional annealing: a study of pure TiO ₂ , NiTiO ₃ , CdTiO ₃ thin films by a sol-gel process for electronic applications. JOURNAL OF PHYSICS. CONDENSED MATTER, vol. 18, p. 6965-6978, ISSN: 0953-8984, doi: 10.1088/0953-8984/18/30/002
108.	2006	Articolo in rivista Simeoni M, Santucci S, Picozzi S, Delley B (2006). Defective aluminium nitride nanotubes: a new way for spintronics? A density functional study. NANOTECHNOLOGY, vol. 17, p. 3166-3174, ISSN: 0957-4484, doi: 10.1088/0957-4484/17/13/015
109.	2006	Articolo in rivista Piperno S, Lozzi L, Rastelli R, Passacantando M, Santucci S (2006). PMMA nanofibers production by electrospinning. APPLIED SURFACE SCIENCE, vol. 252, p. 5583-5586, ISSN: 0169-4332, doi: 10.1016/j.apsusc.2005.12.142
110.	2006	Articolo in rivista Lozzi L, Santucci S, La Rosa S (2006). Photoemission investigation on copper phthalocyanine : fullerene blend film. APPLIED PHYSICS LETTERS, ISSN: 0003-6951, doi: 10.1063/1.2186742
111.	2006	Articolo in rivista Phani AR, Passacantando M, Santucci S (2006). Structural, compositional, thermal resistant and hydro-oleophobic properties of fluorine based block-co-polymer films on quartz substrates by wet chemical process. JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol. 67, p. 1703-1711, ISSN: 0022-3697, doi: 10.1016/j.jpccs.2006.03.008
112.	2006	Articolo in rivista Kwoka M, Ottaviano L, Passacantando M, Santucci S, Szuber J (2006). XPS depth profiling studies of L-CVD SnO ₂ thin films. APPLIED SURFACE SCIENCE, vol. 252, p. 7730-7733, ISSN: 0169-4332, doi: 10.1016/j.apsusc.2006.03.065

113.	2006	Contributo in Atti di convegno Phani A.R, Grossi V., Passacantando M., Santucci S. (2006). Role of nanoscale topography on the super-hydrophobicity: A study of fluoro-based polymer film on vertically carbon nanotubes. In: 2006 NSTI Nanotechnology Conference and Trade Show - NSTI Nanotech 2006 Technical Proceedings. vol. 1, p. 166-169, ISBN: 0976798565, Boston, MA, usa, 2006
114.	2006	Contributo in Atti di convegno Phani A.R, Grossi V., Passacantando M., Ottaviano L., Santucci S. (2006). Growth of Ge nanowires by chemical vapour deposition technique. In: 2006 NSTI Nanotechnology Conference and Trade Show - NSTI Nanotech 2006 Technical Proceedings. vol. 3, p. 141-144, Boston, MA, usa, 2006
115.	2005	Articolo in rivista Lozzi L, Picozzi S, Armentano I, Valentini L, Kenny JM, La Rosa S, Coreno M, de Simone M, Delley B, Santucci S (2005). Soft-x-ray photoemission spectroscopy and ab initio studies on the adsorption of NO ₂ molecules on defective multiwalled carbon nanotubes (vol 123, pg 034702, 2005) RID D-5238-2011 RID F-9372-2010. THE JOURNAL OF CHEMICAL PHYSICS, vol. 123, ISSN: 0021-9606, doi: 10.1063/1.2104533
116.	2005	Articolo in rivista Simeoni M, De Luca C, Picozzi S, Santucci S, Delley B (2005). Interaction between zigzag single-wall carbon nanotubes and polymers: A density-functional study. THE JOURNAL OF CHEMICAL PHYSICS, vol. 122, ISSN: 0021-9606, doi: 10.1063/1.1925272
117.	2005	Articolo in rivista Ottaviano L, Rossi M, Santucci S (2005). Initial stages of WO ₃ growth on silicon substrates. THIN SOLID FILMS, vol. 490, p. 59-67, ISSN: 0040-6090, doi: 10.1016/j.tsf.2005.04.010
118.	2005	Articolo in rivista Kwoka M, Ottaviano L, Passacantando M, Santucci S, Czempik G, Szuber J (2005). XPS study of the surface chemistry of L-CVD SnO ₂ thin films after oxidation. THIN SOLID FILMS, vol. 490, p. 36-42, ISSN: 0040-6090, doi: 10.1016/j.tsf.2005.04.014
119.	2005	Articolo in rivista L. LOZZI, S. LA ROSA, SANTUCCI S (2005). CuPc:C60 blend film for photovoltaic solar cells: a photoemission investigation. APPLIED PHYSICS LETTERS, ISSN: 0003-6951

120.	2005	Contributo in Atti di convegno Phani A.R, Lozzi L., Passacantando M., Santucci S. (2005). Role of nanoscale topography on the hydrophobicity: A study of fluoro-based polymer film on silicon and carbon nanotubes. In: 2005 NSTI Nanotechnology Conference and Trade Show - NSTI Nanotech 2005 Technical Proceedings. p. 189-192, ISBN: 0976798514, Anaheim, CA, usa, 2005
121.	2004	Articolo in rivista Valentini L, Armentano I, Puglia D, Lozzi L, Santucci S, Kenny JM (2004). A deeper understanding of the photodesorption mechanism of aligned carbon nanotube thin films by impedance spectroscopy RID D-5238-2011 RID F-9372-2010. THIN SOLID FILMS, vol. 449, p. 105-112, ISSN: 0040-6090, doi: 10.1016/j.tsf.2003.10.036
122.	2004	Articolo in rivista Valentini L, Cantalini C, Armentano I, Kenny JM, Lozzi L, Santucci S (2004). Highly sensitive and selective sensors based on carbon nanotubes thin films for molecular detection RID D-5238-2011 RID F-9372-2010. DIAMOND AND RELATED MATERIALS, vol. 13, p. 1301-1305, ISSN: 0925-9635, doi: 10.1016/j.diamond.2003.11.011
123.	2004	Articolo in rivista Valentini L, Mercuri F, Armentano I, Cantalini C, Picozzi S, Lozzi L, Santucci S, Sgamellotti A, Kenny JM (2004). Role of defects on the gas sensing properties of carbon nanotubes thin films: experiment and theory RID D-5238-2011 RID A-4066-2009 RID F-9372-2010. CHEMICAL PHYSICS LETTERS, vol. 387, p. 356-361, ISSN: 0009-2614, doi: 10.1016/j.cplett.2004.02.038
124.	2004	Articolo in rivista Picozzi S, Santucci S, Lozzi L, Valentini L, Delley B (2004). Ozone adsorption on carbon nanotubes: The role of Stone-Wales defects RID D-5238-2011. THE JOURNAL OF CHEMICAL PHYSICS, vol. 120, p. 7147-7152, ISSN: 0021-9606, doi: 10.1063/1.1669381
125.	2004	Articolo in rivista Valentini L, Cantalini C, Lozzi L, Picozzi S, Armentano I, Kenny JM, Santucci S (2004). Effects of oxygen annealing on cross sensitivity of carbon nanotubes thin films for gas sensing applications RID D-5238-2011 RID F-9372-2010. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 100, p. 33-40, ISSN: 0925-4005, doi: 10.1016/j.snb.2003.12.017

126.	2004	Articolo in rivista Valentini L, Armentano I, Lozzi L, Santucci S, Kenny JM (2004). Interaction of methane with carbon nanotube thin films: role of defects and oxygen adsorption RID D-5238-2011 RID F-9372-2010. MATERIALS SCIENCE AND ENGINEERING. C, BIOMIMETIC MATERIALS, SENSORS AND SYSTEMS, vol. 24, p. 527-533, ISSN: 0928-4931, doi: 10.1016/j.msec.2004.01.003
127.	2004	Articolo in rivista Lozzi L, Santucci S, La Rosa S, Delley B, Picozzi S (2004). Electronic structure of crystalline copper phthalocyanine. THE JOURNAL OF CHEMICAL PHYSICS, vol. 121, p. 1883-1889, ISSN: 0021-9606, doi: 10.1063/1.1766295
128.	2004	Articolo in rivista LOZZI L, S. SANTUCCI, AND S. LA ROSA (2004). AU/CUPC INTERFACE: A PHOTOEMISSION INVESTIGATION. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A, AN INTERNATIONAL JOURNAL DEVOTED TO VACUUM, SURFACES, AND FILMS, vol. 22, p. 1477-1481, ISSN: 1553-1813, doi: 10.1116/1.1701860
129.	2004	Articolo in rivista L. VALENTINI, L. LOZZI, S. PICOZZI, CANTALINI C, S. SANTUCCI, J. M KENNY (2004). Adsorption of Oxidizing Gases on Multi-walled Carbon Nanotubes. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A, AN INTERNATIONAL JOURNAL DEVOTED TO VACUUM, SURFACES, AND FILMS, vol. 22 [4], p. 1450-1455, ISSN: 1553-1813, doi: 10.1116/1.1705588
130.	2004	Articolo in rivista Di Teodoro C, Ressel B, Prince KC, Chab V, Santucci S, Faccani S, Profeta G, Ottaviano L (2004). Electronic structure of a two-dimensional alloy: Sn-Pb-Si on Si(111). JOURNAL OF PHYSICS. CONDENSED MATTER, vol. 16, p. 3507-3516, ISSN: 0953-8984, doi: 10.1088/0953-8984/16/21/001
131.	2004	Articolo in rivista Ottaviano L, Profeta G, Santucci S, Continenza A (2004). Electronic structure of 2D binary alloys of group IV elements on Si(111): experiments and theory. PHYSICS OF LOW-DIMENSIONAL STRUCTURES, vol. 1/2, p. 55-62, ISSN: 0204-3467
132.	2004	Articolo in rivista Profeta G, Ottaviano L, Santucci S, Continenza A (2004). First-principles investigation of Sn _{1-x} Si _x /Si(111) and Sn _{1-x} Pb _x /Si(111) surfaces. SURFACE SCIENCE, vol. 566, p. 492-496, ISSN: 0039-6028, doi: 10.1016/j.susc.2004.05.090

133.	2004	Articolo in rivista Lozzi L, Picozzi S, Santucci S, Cantalini C, Delley B (2004). Photoemission and theoretical investigations on NO ₂ doping of copper phthalocyanine thin films. JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol. 137, p. 101-105, ISSN: 0368-2048, doi: 10.1016/j.elspec.2004.02.034
134.	2004	Articolo in rivista S. PICOZZI, S. SANTUCCI, L. LOZZI, CANTALINI C, C. BARATTO, G. SBERVEGLIERI, I. ARMENTANO, J.M. KENNY, L. VALENTINI, B. DELLEY (2004). Ozone adsorption on carbon nanotubes: Ab initio calculations and experiments. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A, AN INTERNATIONAL JOURNAL DEVOTED TO VACUUM, SURFACES, AND FILMS, vol. 22, p. 1466-1470, ISSN: 1553-1813, doi: 10.1116/1.1705587
135.	2004	Articolo in rivista Cantalini C, Valentini L, Armentano I, Kenny JM, Lozzi L, Santucci S (2004). Carbon nanotubes as new materials for gas sensing applications RID D-5238-2011 RID F-9372-2010. JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol. 24, p. 1405-1408, ISSN: 0955-2219, doi: 10.1016/S0955-2219(03)00441-2
136.	2004	Articolo in rivista Valentini L, Puglia D, Frulloni E, Armentano I, Kenny JM, Santucci S (2004). Dielectric behavior of epoxy matrix/single-walled carbon nanotube composites RID D-5238-2011 RID F-9372-2010. COMPOSITES SCIENCE AND TECHNOLOGY, vol. 64, p. 23-33, ISSN: 0266-3538, doi: 10.1016/S0266-3528(03)00196-9
137.	2004	Articolo in rivista Trinchi A, Wlodarski W, Santucci S, Di Claudio D, Passacantando M, Cantalini C, Rout B, Ippolito SJ, Kalantar-Zadeh K, Sberveglieri G (2004). Microstructural characterisation of RF magnetron sputtered ZnO thin films on SiC RID B-8539-2008 RID C-2439-2009 RID A-5030-2010. DIFFUSION AND DEFECT DATA, SOLID STATE DATA. PART B, SOLID STATE PHENOMENA, vol. 99-100, p. 123-126, ISSN: 1012-0394
138.	2004	Articolo in rivista Valentini L, Armentano I, Biagiotti J, Marigo A, Santucci S, Kenny JM (2004). AC conductivity of conjugated polymer onto self-assembled aligned carbon nanotubes RID D-5238-2011 RID F-9372-2010. DIAMOND AND RELATED MATERIALS, vol. 13, p. 250-255, ISSN: 0925-9635, doi: 10.1016/j.diamond.2003.10.023

139.	2004	<p>Articolo in rivista Valentini L, Armentano I, Kenny JM, Lozzi L, Santucci S (2004). Controllable fabrication of aligned carbon nanotubes by pulsed plasma: selective positioning and electrical transport phenomena RID D-5238-2011 RID F-9372-2010. MATERIALS LETTERS, vol. 58, p. 470-473, ISSN: 0167-577X, doi: 10.1016/S0167-577X(03)00527-5</p>
140.	2004	<p>Articolo in rivista Valentini L, Di Schino A, Kenny JM, La Rosa S, Lozzi L, Santucci S, Bregliozzi G, Gerbig Y, Haefke H (2004). Wear resistance of fine-grained high nitrogen austenitic stainless steel coated with amorphous carbon films: The soft X-ray spectroscopy approach RID D-5238-2011 RID F-9372-2010. TRIBOLOGY LETTERS, vol. 16, p. 51-58, ISSN: 1023-8883, doi: 10.1023/B:TRIL.0000009714.09197.25</p>
141.	2004	<p>Articolo in rivista Valentini L, Biagiotti J, Lopez-Manchado MA, Santucci S, Kenny JM (2004). Effects of carbon nanotubes on the crystallization behavior of polypropylene RID D-5238-2011 RID F-9372-2010. POLYMER ENGINEERING AND SCIENCE, vol. 44, p. 303-311, ISSN: 0032-3888, doi: 10.1002/pen.20028</p>
142.	2004	<p>Contributo in Atti di convegno C.Cantalini, Ferri G, N.Guerrini, S.Santucci (2004). A low-voltage low-power current-mode gas sensor integrated interface. In: Proc. International Conference on Microelectronics (ICM) 2004. p. 194-197, ISBN: 0-7803-8656-6, tunisia, 6-8 dicembre 2004, doi: 10.1109/ICM.2004.1434243</p>
143.	2003	<p>Articolo in rivista Cantalini C, Valentini L, Armentano I, Lozzi L, Kenny JM, Santucci S (2003). Sensitivity to NO₂ and cross-sensitivity analysis to NH₃, ethanol and humidity of carbon nanotubes thin film prepared by PECVD. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 95, p. 195-202, ISSN: 0925-4005, doi: 10.1016/S0925-4005(03)00418-0</p>
144.	2003	<p>Articolo in rivista Santucci S, Picozzi S, Di Gregorio F, Lozzi L, Cantalini C, Valentini L, Kenny JM, Delley B (2003). NO₂ and CO gas adsorption on carbon nanotubes: Experiment and theory. THE JOURNAL OF CHEMICAL PHYSICS, vol. 119, p. 10904-10910, ISSN: 0021-9606, doi: 10.1063/1.1619948</p>

145.	2003	<p>Articolo in rivista Valentini L, Lozzi L, Salerni V, Armentano I, Kenny JM, Santucci S (2003). Effect of thermal annealing on the electronic properties of nitrogen doped amorphous carbon/p-type crystalline silicon heterojunction diodes. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A, AN INTERNATIONAL JOURNAL DEVOTED TO VACUUM, SURFACES, AND FILMS, vol. 21, p. 582-588, ISSN: 1553-1813, doi: 10.1116/1.1562477</p>
146.	2003	<p>Articolo in rivista Valentini L, Salerni V, Armentano I, Kenny JM, Lozzi L, Santucci S (2003). Fluorinated amorphous carbon films prepared by plasma enhanced chemical vapor deposition for solar cell applications. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A, AN INTERNATIONAL JOURNAL DEVOTED TO VACUUM, SURFACES, AND FILMS, vol. 21, p. 1784-1790, ISSN: 1553-1813, doi: 10.1116/1.1604130</p>
147.	2003	<p>Articolo in rivista Valentini L, Bellachioma MC, Ahmed SIU, Bregliozzi G, Gerbig Y, Haefke H, Lozzi L, Santucci S (2003). Fluorinated amorphous carbon thin films: Analysis of the role of the plasma excitation mode on the structural and mechanical properties. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. B, vol. 21, p. 1964-1970, ISSN: 1071-1023, doi: 10.1116/1.1621402</p>
148.	2003	<p>Articolo in rivista Ottaviano L, Di Teodoro C, Santucci S, Profeta G (2003). Practical realisation of a two-dimensional frustrated Ising system. PHYSICS OF LOW-DIMENSIONAL STRUCTURES, vol. 3-4, p. 149-156, ISSN: 0204-3467</p>
149.	2003	<p>Articolo in rivista Valentini L, Kenny JM, La Rosa S, Gerbig Y, Haefke H, Lozzi L, Santucci S (2003). Spectroscopic analysis of the structure of amorphous nitrogenated carbon films after wear tests. THIN SOLID FILMS, vol. 423, p. 108-114, ISSN: 0040-6090, doi: 10.1016/S0040-6090(02)00969-0</p>
150.	2003	<p>Articolo in rivista Galatsis K, Li Y, Wlodarski W, Cantalini C, Passacantando M, Santucci S (2003). MoO₃, WO₃ single and binary oxide prepared by sol-gel method for gas sensing applications. JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol. 26, p. 1097-1101, ISSN: 0928-0707, doi: 10.1023/A:1020710808151</p>
151.	2003	<p>Articolo in rivista Valentini L, Biagiotti J, Kenny JM, Santucci S (2003). Effects of single-walled carbon nanotubes on the crystallization behavior of polypropylene. JOURNAL OF APPLIED POLYMER SCIENCE, vol. 87, p. 708-713, ISSN: 0021-8995, doi: 10.1002/app.11469</p>

152.	2003	Articolo in rivista Valentini L, Armentano I, Kenny JM, Lozzi L, Santucci S (2003). Effect of catalyst layer thickness and Ar dilution on the plasma deposition of multi-walled carbon nanotubes. DIAMOND AND RELATED MATERIALS, vol. 12, p. 821-826, ISSN: 0925-9635, doi: 10.1016/S0925-9635(02)00359-X
153.	2003	Articolo in rivista D'Orazio F, Lucari F, Santucci S, Picozzi P, Verna A, Passacantando M, Pinto N, Morresi L, Gunnella R, Murri R (2003). Magneto-optical properties of epitaxial Mn_xGe_{1-x} films. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol. 262, p. 158-161, ISSN: 0304-8853, doi: 10.1016/S0304-8853(03)00041-6
154.	2003	Articolo in rivista Ottaviano L, Ressel B, Di Teodoro C, Profeta G, Santucci S, Chab V, Prince KC (2003). Short-range order in two-dimensional binary alloys. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, vol. 67, ISSN: 1098-0121, doi: 10.1103/PhysRevB.67.045401
155.	2003	Articolo in rivista Valentini L, Biagiotti J, Kenny JM, Santucci S (2003). Morphological characterization of single-walled carbon nanotubes-PP composites. COMPOSITES SCIENCE AND TECHNOLOGY, vol. 63, p. 1149-1153, ISSN: 0266-3538, doi: 10.1016/S0266-3538(03)00036-8
156.	2003	Articolo in rivista Valentini L, Cantalini C, Lozzi L, Armentano I, Kenny JM, Santucci S (2003). Reversible oxidation effects on carbon nanotubes thin films for gas sensing applications. MATERIALS SCIENCE AND ENGINEERING. C, BIOMIMETIC MATERIALS, SENSORS AND SYSTEMS, vol. 23, p. 523-529, ISSN: 0928-4931, doi: 10.1016/S0928-4931(02)00356-9
157.	2003	Articolo in rivista Ottaviano L, Lozzi L, Santucci S (2003). Scanning Auger microscopy study of W tips for scanning tunneling microscopy. REVIEW OF SCIENTIFIC INSTRUMENTS, vol. 74, p. 3368-3378, ISSN: 0034-6748, doi: 10.1063/1.1581392
158.	2003	Articolo in rivista Valentini L, Armentano I, Kenny JM, Lozzi L, Santucci S (2003). Pulsed plasma-induced alignment of carbon nanotubes. MATERIALS LETTERS, vol. 57, p. 3699-3704, ISSN: 0167-577X, doi: 10.1016/S0167-577X(03)00166-6

159.	2003	<p>Articolo in rivista Valentini L, Salerni V, Armentano I, Kenny JM, Lozzi L, Santucci S (2003). Effects of fluorine incorporation on the properties of amorphous carbon/p-type crystalline silicon heterojunction diodes. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 321, p. 175-182, ISSN: 0022-3093, doi: 10.1016/S0022-3093(03)00181-9</p>
160.	2003	<p>Articolo in rivista Bussolotti F, Lozzi L, Passacantando M, La Rosa S, Santucci S, Ottaviano L (2003). Surface electronic properties of polycrystalline WO₃ thin films: a study by core level and valence band photoemission. SURFACE SCIENCE, vol. 538, p. 113-123, ISSN: 0039-6028, doi: 10.1016/S0039-6028(03)00696-4</p>
161.	2003	<p>Articolo in rivista Cantalini C, Valentini L, Lozzi L, Armentano I, Kenny JM, Santucci S (2003). NO₂ gas sensitivity of carbon nanotubes obtained by plasma enhanced chemical vapor deposition. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 93, p. 333-337, ISSN: 0925-4005, doi: 10.1016/S0925-4005(03)00224-7</p>
162.	2003	<p>Articolo in rivista Valentini L, Armentano I, Biagiotti J, Frulloni E, Kenny JM, Santucci S (2003). Frequency dependent electrical transport between conjugated polymer and single-walled carbon nanotubes. DIAMOND AND RELATED MATERIALS, vol. 12, p. 1601-1609, ISSN: 0925-9635, doi: 10.1016/S0925-9635(03)00249-8</p>
163.	2003	<p>Articolo in rivista Valentini L, Armentano I, Santilli P, Kenny JM, Lozzi L, Santucci S (2003). Electrical transport properties of conjugated polymer onto self-assembled aligned carbon nanotubes. DIAMOND AND RELATED MATERIALS, vol. 12, p. 1524-1531, ISSN: 0925-9635, doi: 10.1016/S0925-9635(03)00185-7</p>
164.	2003	<p>Articolo in rivista Ottaviano L, Bussolotti F, Lozzi L, Passacantando M, La Rosa S, Santucci S (2003). Core level and valence band investigation of WO₃ thin films with synchrotron radiation. THIN SOLID FILMS, vol. 436, p. 9-16, ISSN: 0040-6090, doi: 10.1016/S0040-6090(03)00518-2</p>
165.	2003	<p>Articolo in rivista Valentini L, Lozzi L, Cantalini C, Armentano I, Kenny JM, Ottaviano L, Santucci S (2003). Effects of Oxygen Annealing on Gas Sensing Properties of Carbon Nanotube Thin Films. THIN SOLID FILMS, vol. 436, p. 95, ISSN: 0040-6090, doi: 10.1016/S0040-6090(03)00517-0</p>

166.	2003	Articolo in rivista Valentini L, Armentano I, Kenny JM, Cantalini C, Lozzi L, Santucci S (2003). Sensors for sub-ppm NO ₂ gas detection based on carbon nanotube thin films. APPLIED PHYSICS LETTERS, vol. 82, p. 961-963, ISSN: 0003-6951, doi: 10.1063/1.1545166
167.	2002	Articolo in rivista Braca E, Saraceni G, Kenny JM, Lozzi L, Santucci S (2002). Structural and optical properties of nitrogen and oxygen doped a-C : H coatings. THIN SOLID FILMS, vol. 415, p. 195-200, ISSN: 0040-6090, doi: 10.1016/S0040-6090(02)00547-3
168.	2002	Articolo in rivista Profeta G, Ottaviano L, Santucci S, Continenza A (2002). Two-dimensional alloying on Si(111) surface: An ab initio study. PHYSICAL REVIEW. B, CONDENSED MATTER AND MATERIALS PHYSICS, ISSN: 1098-0121, doi: 10.1103/PhysRevB.66.081303
169.	2002	Articolo in rivista Galatsis K, Li YX, Wlodarski W, Comini E, Sberveglieri G, Cantalini C, Santucci S, Passacantando M (2002). Comparison of single and binary oxide MoO ₃ , TiO ₂ and WO ₃ sol-gel gas sensors. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 83, p. 836-839, ISSN: 0925-4005, doi: 10.1016/S0925-4005(01)01072-3
170.	2002	Articolo in rivista Valentini L, Kenny JM, Lozzi L, Santucci S (2002). Formation of carbon nanotubes by plasma enhanced chemical vapor deposition: Role of nitrogen and catalyst layer thickness. JOURNAL OF APPLIED PHYSICS, vol. 92, p. 6188-6194, ISSN: 0021-8979, doi: 10.1063/1.1515126
171.	2002	Articolo in rivista D'Orazio F, Lucari F, Passacantando M, Picozzi P, Santucci S, Verna A (2002). Magneto-optical study of Mn ions implanted in Ge. IEEE TRANSACTIONS ON MAGNETICS, vol. 38, p. 2856-2858, ISSN: 0018-9464, doi: 10.1109/TMAG.2002.802859
172.	2002	Articolo in rivista Valentini L, Kenny JM, Montereali RM, Lozzi L, Santucci S (2002). Structural changes of fluorinated amorphous carbon films by nitrogen incorporation. MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol. 5, p. 271-277, ISSN: 1369-8001, doi: 10.1016/S1369-8001(02)00104-X

173.	2002	Articolo in rivista Ottaviano L, Profeta G, Santucci S, Petaccia L, Pedio M (2002). Testing the charged adatom model onto the Sn _{1-x} /Si(111) (root 3 x root 3)R30 degrees alloy with high resolution core level spectroscopy. SURFACE REVIEW AND LETTERS, vol. 9, p. 675-679, ISSN: 0218-625X, doi: 10.1142/S0218625X02002889
174.	2002	Articolo in rivista Ottaviano L, Profeta G, Petaccia L, Santucci S, Pedio M (2002). Mechanism of the short range ordering in a 2D binary alloy. SURFACE SCIENCE, vol. 501, p. L171-L176, ISSN: 0039-6028, doi: 10.1016/S0039-6028(01)01980-X
175.	2002	Articolo in rivista Valentini L, Braca E, Kenny JM, Fedosenko G, Engemann J, Lozzi L, Santucci S (2002). Analysis of the role of fluorine content on the thermal stability of a-C : H : F thin films. DIAMOND AND RELATED MATERIALS, vol. 11, p. 1100-1105, ISSN: 0925-9635, doi: 10.1016/S0925-9635(01)00735-X
176.	2002	Articolo in rivista Santucci S, Valentini L, Menelle A, Lozzi L, Coppola R, Kenny JM (2002). Ar dilution effects on hydrogen concentration and mass density obtained by X-ray and neutron reflectivity on hydrogenated amorphous nitride thin films. APPLIED PHYSICS. A, MATERIALS SCIENCE & PROCESSING, vol. 74, p. S1104-S1106, ISSN: 0947-8396, doi: 10.1007/s003390101199
177.	2002	Articolo in rivista Valentini L, Bellachioma MC, Lozzi L, Santucci S, Kenny JM (2002). Helium permeation through a-C : H films deposited on polymeric substrates. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 20, p. 1647-1652, ISSN: 0734-2101, doi: 10.1116/1.1497177
178.	2002	Articolo in rivista Valentini L, Kenny JM, Montereali RM, Lozzi L, Santucci S (2002). Influence of nitrogen and temperature on the plasma deposition of fluorinated amorphous carbon films. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 20, p. 1210-1215, ISSN: 0734-2101, doi: 10.1116/1.1479359
179.	2002	Articolo in rivista Valentini L, Braca E, Kenny JM, Fedosenko G, Engemann J, Lozzi L, Santucci S (2002). Nitrogen doping of fluorinated amorphous carbon thin films: structural and optical properties evolution upon thermal annealing. THIN SOLID FILMS, vol. 408, p. 291-296, ISSN: 0040-6090, doi: 10.1016/S0040-6090(02)00084-6

180.	2002	Contributo in Atti di convegno D'Orazio Franko, Lucari F., Passacantando M., Picozzi P., Santucci S., Verna A. (2002). Magneto-optical study of Mn IONS implanted in Ge. In: Digests of the Intermag Conference. Amsterdam, nld, 2002
181.	2001	Articolo in rivista Ottaviano L, Maccallini E, Santucci S (2001). Visualisation of the preferential adsorption sites of oxygen onto WO ₃ nanoparticles. SURFACE SCIENCE, vol. 492, p. L700-L704, ISSN: 0039-6028, doi: 10.1016/S0039-6028(01)01440-6
182.	2001	Articolo in rivista Villa PL, Taglieri G, D'Orazio F, Lucari F, Santella G, Catoni R, Lozzi L, Santucci S (2001). Harmonic analysis of AC magnetic susceptibility of YBCO/Ag produced by chemical amorphous citrate route. JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol. 226, p. 314-315, ISSN: 0304-8853, doi: 10.1016/S0304-8853(00)00808-8
183.	2001	Articolo in rivista Monteali RM, Bigotta S, Giammatteo M, Piccinini M, Picozzi P, Santucci S (2001). Investigation of visible laser active colour centres in LiF films by confocal fluorescence microscopy. RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol. 156, p. 135-139, ISSN: 1042-0150, doi: 10.1080/10420150108216884
184.	2001	Articolo in rivista Valentini L, Kenny JM, Gerbig Y, Savan A, Haefke H, Lozzi L, Santucci S (2001). Structure and mechanical properties of argon assisted carbon nitride films. THIN SOLID FILMS, vol. 398, p. 124-129, ISSN: 0040-6090, doi: 10.1016/S0040-6090(01)01458-4
185.	2001	Articolo in rivista L. VALENTINI, E. BRACA, SANTUCCI S, L. LOZZI, S. SANTUCCI (2001). Influence of plasma source frequency on composition and density of fluorinated amorphous carbon thin films. MATERIALS LETTERS, vol. 51/6, p. 514, ISSN: 0167-577X
186.	2001	Articolo in rivista L. LOZZI, SANTUCCI S (2001). Soft X-ray photoemission spectroscopy study on the interaction between CuPc molecules and Si(111)7x7 surface. SURFACE SCIENCE, vol. 482-485, p. 669-674, ISSN: 0039-6028
187.	2001	Articolo in rivista Valentini L, Braca E, Kenny JM, Lozzi L, Santucci S (2001). Relationship between the optical and mechanical properties of fluorinated amorphous carbon thin films. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 291, p. 153-159, ISSN: 0022-3093, doi: 10.1016/S0022-3093(01)00862-6

188.	2001	Articolo in rivista Valentini L, Kenny JM, Carlotti G, Guerrieri M, Signorelli G, Lozzi L, Santucci S (2001). Effect of nitrogen addition on the elastic and structural properties of amorphous carbon thin films. THIN SOLID FILMS, vol. 389, p. 315-320, ISSN: 0040-6090, doi: 10.1016/S0040-6090(01)00879-3
189.	2001	Articolo in rivista Valentini L, Braca E, Kenny JM, Lozzi L, Santucci S (2001). Fluorinated amorphous carbon thin films: Analysis of the role of the plasma source frequency on the structural and optical properties. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 19, p. 2168-2173, ISSN: 0734-2101, doi: 10.1116/1.1378071
190.	2001	Articolo in rivista Phani AR, Santucci S (2001). Structural characterization of iron titanium oxide synthesized by sol-gel spin-coating technique. MATERIALS LETTERS, vol. 50, p. 240-245, ISSN: 0167-577X, doi: 10.1016/S0167-577X(01)00232-4
191.	2001	Articolo in rivista Valentini L, Kenny JM, Mariotto G, Tosi P, Carlotti G, Socino G, Lozzi L, Santucci S (2001). Structural, morphological, and mechanical properties of plasma deposited hydrogenated amorphous carbon thin films: Ar gas dilution effects. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 19, p. 1611-1616, ISSN: 0734-2101, doi: 10.1116/1.1336829
192.	2001	Articolo in rivista Li YX, Galatsis K, Wlodarski W, Ghantasala M, Russo S, Gorman J, Santucci S, Passacantando M (2001). Microstructure characterization of sol-gel prepared MoO ₃ -TiO ₂ thin films for oxygen gas sensors. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 19, p. 904-909, ISSN: 0734-2101, doi: 10.1116/1.1368676
193.	2001	Articolo in rivista Ottaviano L, Lozzi L, Passacantando M, Santucci S (2001). On the spatially resolved electronic structure of polycrystalline WO ₃ films investigated with scanning tunneling spectroscopy. SURFACE SCIENCE, vol. 475, p. 73-82, ISSN: 0039-6028, doi: 10.1016/S0039-6028(00)01075-X
194.	2001	Articolo in rivista Valentini L, Kenny JM, Mariotto G, Tosi P, Carlotti G, Fioretto D, Lozzi L, Santucci S (2001). Ar-dilution effects on the elastic and structural properties of hydrogenated hard carbon films deposited by plasma-enhanced chemical vapor deposition. DIAMOND AND RELATED MATERIALS, vol. 10, p. 1088-1092, ISSN: 0925-9635, doi: 10.1016/S0925-9635(00)00391-5

195.	2001	Articolo in rivista Ottaviano L, Melechko AV, Santucci S, Plummer EW (2001). Direct visualization of defect density waves in 2D. PHYSICAL REVIEW LETTERS, vol. 86, p. 1809-1812, ISSN: 0031-9007, doi: 10.1103/PhysRevLett.86.1809
196.	2001	Articolo in rivista Valentini L, Kenny JM, Carlotti G, Socino G, Lozzi L, Santucci S (2001). Ar dilution effects on the elastic properties of hydrogenated amorphous hard-carbon films grown by plasma-enhanced chemical vapor deposition. JOURNAL OF APPLIED PHYSICS, vol. 89, p. 1003-1007, ISSN: 0021-8979, doi: 10.1063/1.1330762
197.	2001	Articolo in rivista Ottaviano L, Melechko AV, Santucci S, Plummer EW (2001). A variable temperature scanning tunnelling microscopy study of the electronic response of the Sn/Si(111) alpha surface to extrinsic defects. PHYSICS OF LOW-DIMENSIONAL STRUCTURES, vol. 3-4, p. 189-197, ISSN: 0204-3467
198.	2001	Contributo in volume (Capitolo o Saggio) SANTUCCI S, L. LOZZI, L. OTTAVIANO (2001). Photoelectron spectroscopy and scanning probe microscopy of phthalocyanines on silicon. In: H.S.NALWA. Handbook of surfaces and interfaces of materials. Surfaces and interfaces analysis and properties. vol. 2, p. 239-274, SAN DIEGO:ACADEMIC PRESS
199.	2000	Articolo in rivista Santucci S, la Cecilia AV, Phani AR, Alfonsetti R, Moccia G, De Biase M (2000). Use of x-ray reflectivity techniques to determine structural parameters of some silicide structures for microelectronics applications. APPLIED PHYSICS LETTERS, vol. 76, p. 52-54, ISSN: 0003-6951, doi: 10.1063/1.125653
200.	2000	Articolo in rivista Ottaviano L, Crivellari M, Profeta G, Continenza A, Lozzi L, Santucci S (2000). Origin, symmetry, and temperature dependence of the perturbation induced by Si extrinsic defects on the Sn/Si(111) alpha surface: A scanning tunneling microscopy study. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 18, p. 1946-1949, ISSN: 0734-2101, doi: 10.1116/1.582451
201.	2000	Articolo in rivista Phani AR, Passacantando M, Lozzi L, Santucci S (2000). Structural characterization of bulk ZnWO ₄ prepared by solid state method. JOURNAL OF MATERIALS SCIENCE, vol. 35, p. 4879-4883, ISSN: 0022-2461, doi: 10.1023/A:1004809804206

202.	2000	Articolo in rivista Ottaviano L, Profeta G, Continenza A, Santucci S, Freeman AJ, Modesti S (2000). Defect-induced perturbation on the 1/3 ML Sn-Si(111) surface: a voltage-dependent scanning tunneling microscopy study. SURFACE SCIENCE, vol. 464, p. 57-67, ISSN: 0039-6028, doi: 10.1016/S0039-6028(00)00677-4
203.	2000	Articolo in rivista Ottaviano L, Crivellari M, Profeta G, Continenza A, Lozzi L, Santucci S (2000). Origin, symmetry, and temperature dependence of the perturbation induced by Si extrinsic defects on the Sn/Si(111) alpha surface: A scanning tunneling microscopy study. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 18, p. 1946-1949, ISSN: 0734-2101, doi: 10.1116/1.582451
204.	2000	Articolo in rivista Phani AR, Passacantando M, Lozzi L, Santucci S (2000). Structural characterization of bulk ZnWO ₄ prepared by solid state method. JOURNAL OF MATERIALS SCIENCE, vol. 35, p. 4879-4883, ISSN: 0022-2461, doi: 10.1023/A:1004809804206
205.	2000	Articolo in rivista Somma F, Nikl M, Nitsch K, Giampaolo C, Phani AR, Santucci S (2000). The growth, structure and optics of CsI-PbI ₂ co-evaporated thin films. THIN SOLID FILMS, vol. 373, p. 195-198, ISSN: 0040-6090, doi: 10.1016/S0040-6090(00)01133-0
206.	2000	Articolo in rivista MonteREALI RM, Bigotta S, Piccinini M, Giammatteo M, Picozzi P, Santucci S (2000). Broad-band active channels induced by electron beam lithography in LiF films for waveguiding devices. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION B, BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol. 166, p. 764-770, ISSN: 0168-583X, doi: 10.1016/S0168-583X(99)01045-9
207.	2000	Articolo in rivista La Via F, Raineri V, Grimaldi MG, Miglio L, Iannuzzi M, Marabelli F, Bocelli S, Santucci S, Phani AR (2000). Role of the substrate in the C49-C54 transformation of TiSi ₂ . JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. B, vol. 18, p. 721-728, ISSN: 1071-1023, doi: 10.1116/1.591266
208.	2000	Articolo in rivista Ottaviano L, Crivellari M, Lozzi L, Santucci S (2000). STM investigation of the alpha-Sn/Si(111) phase at 120 K. SURFACE SCIENCE, vol. 445, p. L41-L46, ISSN: 0039-6028, doi: 10.1016/S0039-6028(99)00974-7

209.	2000	<p>Articolo in rivista Comini E, Faglia G, Sberveglieri G, Cantalini C, Passacantando M, Santucci S, Li Y, Wlodarski W, Qu W (2000). Carbon monoxide response of molybdenum oxide thin films deposited by different techniques. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 68, p. 168-174, ISSN: 0925-4005, doi: 10.1016/S0925-4005(00)00484-6</p>
210.	2000	<p>Articolo in rivista Cantalini C, Wlodarski W, Li Y, Passacantando M, Santucci S, Comini E, Faglia G, Sberveglieri G (2000). Investigation on the O3 sensitivity properties of WO3 thin films prepared by Sol-gel, Thermal Evaporation and r.f. sputtering techniques. SENSORS AND ACTUATORS. B, CHEMICAL, vol. 64, p. 182-188, ISSN: 0925-4005, doi: 10.1016/S0925-4005(99)00504-3</p>
211.	1999	<p>Articolo in rivista Miglio L, Iannuzzi M, Grimaldi MG, La Via F, Marabelli F, Bocelli S, Santucci S, Phani AR (1999). Texturing, surface energetics and morphology in the C49-C54 transformation of TiSi2. SOLID-STATE ELECTRONICS, vol. 43, p. 1069-1074, ISSN: 0038-1101, doi: 10.1016/S0038-1101(99)00026-X</p>
212.	1999	<p>Articolo in rivista Santucci S, Lozzi L, Passacantando M, Di Nardo S, Phani AR, Cantalini C, Pelino M (1999). Study of the surface morphology and gas sensing properties of WO3 thin films deposited by vacuum thermal evaporation. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 17, p. 644-649, ISSN: 0734-2101, doi: 10.1116/1.581631</p>
213.	1999	<p>Articolo in rivista Santucci S, Lozzi L, Passacantando M, Phani AR, Palumbo E, Bracchitta G, De Tommasis R, Torsi A, Alfonsetti R, Moccia G (1999). Properties of stacked dielectric films composed of SiO2/Si3N4/SiO2. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 245, p. 224-231, ISSN: 0022-3093, doi: 10.1016/S0022-3093(98)00886-2</p>
214.	1999	<p>Articolo in rivista Ottaviano L, Lozzi L, Montefusco A, Santucci S (1999). Naphthalocyanine molecules onto Si(111)7x7 and Si(100)2x1: modes of adsorption investigated with XPS. SURFACE SCIENCE, vol. 443, p. 227-237, ISSN: 0039-6028, doi: 10.1016/S0039-6028(99)01013-4</p>
215.	1999	<p>Articolo in rivista Paoletti L, Diociaiuti M, De Berardis B, Santucci S, Lozzi L, Picozzi P (1999). Characterisation of aerosol individual particles in a controlled underground area. ATMOSPHERIC ENVIRONMENT, vol. 33, p. 3603-3611, ISSN: 1352-2310, doi: 10.1016/S1352-2310(99)00101-6</p>

216.	1999	Articolo in rivista Ottaviano L, Lozzi L, Santucci S (1999). Interaction of naphthalocyanine with oxygen and with Si(111) 7x7: an in-situ X-ray photoelectron spectroscopy study. SURFACE SCIENCE, vol. 431, p. 242-251, ISSN: 0039-6028, doi: 10.1016/S0039-6028(99)00495-1
217.	1999	Articolo in rivista Fornarini L, Mancini A, Martelli S, Montereali RM, Picozzi P, Santucci S (1999). Structural properties and photoluminescence spectra of coloured LiF films on SiO ₂ . JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 245, p. 141-145, ISSN: 0022-3093, doi: 10.1016/S0022-3093(98)00880-1
218.	1999	Contributo in Atti di convegno Cantalini C, Santucci S., Passacantando M., Sberveglieri G., Atashbar M.Z., Li Y., Wlodarski W. (1999). Vacuum thermally evaporated WO ₃ thin film ozone sensor. In: Conference on Optoelectronic and Microelectronic Materials and Devices, Proceedings, COMMAD. p. 298-301, Piscataway, NJ, United States:IEEE, Perth, WA, Aust, null, 1998
219.	1998	Articolo in rivista Santucci S, Di Nardo S, Lozzi L, Ottaviano L, Passacantando M, Picozzi P (1998). Scanning force microscopy study of ultrathin films of nickel-phthalocyanine on graphite. SURFACE REVIEW AND LETTERS, vol. 5, p. 433-436, ISSN: 0218-625X, doi: 10.1142/S0218625X98000803
220.	1998	Articolo in rivista Santucci S, Lozzi L, Passacantando M, Picozzi P, Petricola P, Moccia G, Alfonsetti R, Diamanti R (1998). Studies on structural, electrical, compositional, and mechanical properties of WSix thin films produced by low-pressure chemical vapor deposition. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 16, p. 1207-1212, ISSN: 0734-2101, doi: 10.1116/1.581260
221.	1998	Articolo in rivista Stievano L, Santucci S, Lozzi L, Calogero S, Wagner FE (1998). Au-197 Mossbauer study of gold particles obtained by evaporation of metallic gold on Mylar. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 232, p. 644-649, ISSN: 0022-3093, doi: 10.1016/S0022-3093(98)00434-7
222.	1996	Articolo in rivista Santucci S, DiNardo S, Lozzi L, Passacantando M, Picozzi P (1996). XPS, LEED and AFM investigation of the Si(100) surface after the deposition and annealing of tellurium thin films. SURFACE SCIENCE, vol. 352, p. 1027-1032, ISSN: 0039-6028, doi: 10.1016/0039-6028(95)01321-0

223.	1996	Articolo in rivista Sun HT, Cantalini C, Lozzi L, Passacantando M, Santucci S, Pelino M (1996). Microstructural effect on NO ₂ sensitivity of WO ₃ thin film gas sensors .1. Thin film devices, sensors and actuators. THIN SOLID FILMS, vol. 287, p. 258-265, ISSN: 0040-6090, doi: 10.1016/S0040-6090(96)08745-7
224.	1996	Articolo in rivista Santucci S, DiNardo S, Lozzi L, Passacantando M, Picozzi P (1996). Investigation on the electronic structure of Fe deposited onto polycrystalline copper. SURFACE SCIENCE, vol. 352, p. 572-576, ISSN: 0039-6028, doi: 10.1016/0039-6028(95)01199-4
225.	1996	Articolo in rivista Somma F, Cremona M, Montereali RM, Passacantando M, Picozzi P, Santucci S (1996). Structural and optical properties of low energy electrons irradiated KCl:LiF multilayer films. NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH. SECTION B, BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol. 116, p. 212-215, ISSN: 0168-583X, doi: 10.1016/0168-583X(96)00035-3
226.	1996	Articolo in rivista Diociaiuti M, Lozzi L, Passacantando M, Santucci S, Picozzi P, DeCrescenzi M (1996). Influence of non-dipolar terms on the Cu L(2,3) and M(2,3) electron energy loss fine structure (EELFS) spectra in transmission and reflection mode. JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol. 82, p. 1-12, ISSN: 0368-2048, doi: 10.1016/S0368-2048(96)03031-9
227.	1996	Articolo in rivista DiFabrizio E, Gentili M, Morales P, Pilloton R, Mela J, Santucci S, Sese A (1996). Microlithographic techniques for laser assisted fabrication of bioelectronic devices. APPLIED PHYSICS LETTERS, vol. 69, p. 3280-3282, ISSN: 0003-6951, doi: 10.1063/1.117310
228.	1996	Articolo in rivista Santucci S, Lozzi L, Passacantando M, Picozzi P, Alfonsetti R, Diamanti R, Moccia G (1996). Study by X-ray photoelectron spectroscopy and X-ray diffraction of the growth of TiN thin films obtained by nitridation of Ti layers. THIN SOLID FILMS, vol. 290, p. 376-380, ISSN: 0040-6090, doi: 10.1016/S0040-6090(96)09126-2

229.	1995	Articolo in rivista DINARDO S, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1995). REACTIVITY TOWARDS OXYGEN OF TE/SI(100) SURFACES INVESTIGATED BY ULTRAVIOLET PHOTOELECTRON-SPECTROSCOPY, X-RAY PHOTOELECTRON-SPECTROSCOPY AND LOW-ENERGY-ELECTRON DIFFRACTION SPECTROSCOPY. JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol. 74, p. 129-134, ISSN: 0368-2048, doi: 10.1016/0368-2048(95)02361-5
230.	1995	Articolo in rivista DIPOMPONIO A, CONTINENZA A, LOZZI L, PASSACANTANDO M, SANTUCCI S, PICOZZI P (1995). ELECTRONIC-PROPERTIES OF CRYSTALLINE AND AMORPHOUS SiO ₂ INVESTIGATED VIA ALL-ELECTRON CALCULATIONS AND PHOTOEMISSION SPECTROSCOPY. SOLID STATE COMMUNICATIONS, vol. 95, p. 313-317, ISSN: 0038-1098, doi: 10.1016/0038-1098(95)00266-9
231.	1995	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1995). EXFAS STUDIES ON THE THERMAL-BEHAVIOR OF COPPER SURFACE. JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol. 72, p. 223-227, ISSN: 0368-2048, doi: 10.1016/0368-2048(94)02328-X
232.	1995	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1995). THE USE OF THE AUGER PARAMETER IN THE CHARACTERIZATION OF SOME SILICON-COMPOUNDS. JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol. 72, p. 97-100, ISSN: 0368-2048, doi: 10.1016/0368-2048(94)02332-8
233.	1995	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1995). EELFS AND EXFAS ELECTRON SPECTROSCOPIES - A COMBINED STRUCTURAL INVESTIGATION. SURFACE REVIEW AND LETTERS, vol. 2, p. 255-268, ISSN: 0218-625X, doi: 10.1142/S0218625X95000273
234.	1995	Articolo in rivista DINARDO S, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1995). GROWTH OF TE THIN-FILMS DEPOSITED AT ROOM-TEMPERATURE ON THE Si(100)2X1 SURFACE. JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol. 71, p. 39-45, ISSN: 0368-2048

235.	1995	Articolo in rivista SOMMA F, ERCOLI A, SANTUCCI S, LOZZI L, PASSACANTANDO M, PICOZZI P (1995). PRODUCTION AND CHARACTERIZATION OF MULTILAYER KCL-LIF THIN-FILMS ON GLASS. JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, vol. 13, p. 1013-1016, ISSN: 0734-2101, doi: 10.1116/1.579390
236.	1995	Articolo in rivista DINARDO S, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1995). ELECTRON-SPECTROSCOPY INVESTIGATION OF TE THIN-FILMS DEPOSITED AT ROOM-TEMPERATURE ON SI(100)2X1. SURFACE SCIENCE, vol. 331, p. 569-574, ISSN: 0039-6028, doi: 10.1016/0039-6028(95)00319-3
237.	1995	Articolo in rivista MORALES P, PAVONE A, SPERANDEI M, LETER G, MOSIELLO L, NENCINI L, GRIFONI L, SANTUCCI S (1995). A LASER-ASSISTED DEPOSITION TECHNIQUE SUITABLE FOR THE FABRICATION OF BIOSENSORS AND MOLECULAR ELECTRONIC DEVICES. MATERIALS SCIENCE AND ENGINEERING. C, BIOMIMETIC MATERIALS, SENSORS AND SYSTEMS, vol. 2, p. 173-179, ISSN: 0928-4931, doi: 10.1016/0928-4931(95)00056-9
238.	1994	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1994). EXAFS LIKE OSCILLATIONS IN X-RAY EXCITED AUTOIONIZATION SPECTRA ASSISTED BY COMPTON PROCESS. SOLID STATE COMMUNICATIONS, vol. 90, p. 831-835, ISSN: 0038-1098, doi: 10.1016/0038-1098(94)90254-2
239.	1994	Articolo in rivista DINARDO S, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1994). UPS AND XPS STUDIES OF CU CLUSTERS ON GRAPHITE. SURFACE SCIENCE, vol. 307, p. 922-926, ISSN: 0039-6028, doi: 10.1016/0039-6028(94)91516-4
240.	1994	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, TOMASSI G, ALFONSETTI R, BORGHESI A (1994). SURFACE STOICHIOMETRY DETERMINATION OF SIOXNY THIN-FILMS BY MEANS OF XPS. SURFACE AND INTERFACE ANALYSIS, vol. 22, p. 190-192, ISSN: 0142-2421, doi: 10.1002/sia.740220142
241.	1994	Articolo in rivista ALFONSETTI R, DESIMONE G, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1994). SIOX SURFACE STOICHIOMETRY BY XPS - A COMPARISON OF VARIOUS METHODS. SURFACE AND INTERFACE ANALYSIS, vol. 22, p. 89-92, ISSN: 0142-2421, doi: 10.1002/sia.740220122

242.	1994	Articolo in rivista FILIPPONI A, PASSACANTANDO M, LOZZI L, SANTUCCI S, PICOZZI P, DICICCO A (1994). 1S SHAKE-UP EXCITATIONS IN NAF, NAFL, NABR, AND NA ₂ SO ₄ . SOLID STATE COMMUNICATIONS, vol. 91, p. 555-558, ISSN: 0038-1098, doi: 10.1016/0038-1098(94)90373-5
243.	1994	Articolo in rivista DENDAAS H, PASSACANTANDO M, LOZZI L, SANTUCCI S, PICOZZI P (1994). THE INTERACTION OF CU(100)-FE SURFACES WITH OXYGEN STUDIED BY X-RAY PHOTOELECTRON-SPECTROSCOPY. SURFACE SCIENCE, vol. 317, p. 295-302, ISSN: 0039-6028, doi: 10.1016/0039-6028(94)90285-2
244.	1993	Articolo in rivista FILIPPONI A, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DIOCIAIUTI M (1993). 3-BODY SIGNATURE OF THE BCC STRUCTURE IN EXTENDED ENERGY-LOSS SPECTRA OF CR METAL. PHYSICAL REVIEW. B, CONDENSED MATTER, vol. 47, p. 8494-8501, ISSN: 0163-1829, doi: 10.1103/PhysRevB.47.8494
245.	1993	Articolo in rivista ALFONSETTI R, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1993). XPS STUDIES ON SIOX THIN-FILMS. APPLIED SURFACE SCIENCE, vol. 70-1, p. 222-225, ISSN: 0169-4332, doi: 10.1016/0169-4332(93)90431-A
246.	1993	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1993). XPS, AES AND EELS STUDIES OF CR CLUSTERS ON GRAPHITE. ZEITSCHRIFT FÜR PHYSIK. D, ATOMS, MOLECULES AND CLUSTERS, vol. 26, p. S51-S53, ISSN: 0178-7683
247.	1993	Articolo in rivista OTTAVIANO L, FILIPPONI A, DICICCO A, SANTUCCI S, PICOZZI P (1993). XAS INVESTIGATION OF 3-BODY CORRELATIONS IN LIQUID HG. JOURNAL OF NON-CRYSTALLINE SOLIDS, vol. 156, p. 112-115, ISSN: 0022-3093, doi: 10.1016/0022-3093(93)90141-J
248.	1993	Articolo in rivista DINARDO S, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1993). EXTENDED FINE AUGER STRUCTURE INVESTIGATION OF DISCONTINUOUS COPPER-FILMS DEPOSITED ON GRAPHITE. SURFACE SCIENCE, vol. 287, p. 1087-1091, ISSN: 0039-6028, doi: 10.1016/0039-6028(93)91132-9

249.	1993	Articolo in rivista FILIPPONI A, DINARDO S, PASSACANTANDO M, LOZZI L, SANTUCCI S, PICOZZI P (1993). 1S SHAKE-UP X-RAY PHOTOELECTRON-SPECTRUM OF NA IN NaCl AND OTHER Na SALTS. PHYSICAL REVIEW. B, CONDENSED MATTER, vol. 48, p. 13430-13433, ISSN: 0163-1829, doi: 10.1103/PhysRevB.48.13430
250.	1993	Articolo in rivista FILIPPONI A, OTTAVIANO L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1993). STRUCTURAL INVESTIGATION OF GASEOUS, LIQUID, AND SOLID BR-2 BY X-RAY-ABSORPTION. PHYSICAL REVIEW E, vol. 48, p. 4575-4583, ISSN: 1063-651X, doi: 10.1103/PhysRevE.48.4575
251.	1992	Articolo in rivista DINARDO S, PASSACANTANDO M, PICOZZI P, SANTUCCI S, LOZZI L, DECRESCENZI M, DENDAAS H (1992). STRUCTURAL AND ELECTRONIC STUDIES OF CLEAN AND OXIDIZED THIN Fe FILMS ON POLYCRYSTALLINE COPPER. SURFACE AND INTERFACE ANALYSIS, vol. 18, p. 98-102, ISSN: 0142-2421, doi: 10.1002/sia.740180206
252.	1992	Articolo in rivista DECRESCENZI M, DAVOLI I, LOZZI L, PASSACANTANDO M, SANTUCCI S, PICOZZI P (1992). EXTENDED ENERGY-LOSS FINE-STRUCTURE TECHNIQUE - AN ANALYTICAL TOOL FOR SURFACE AND BULK CHARACTERIZATION. VACUUM, vol. 43, p. 393-396, ISSN: 0042-207X, doi: 10.1016/0042-207X(92)90043-V
253.	1992	Articolo in rivista DIOCIAIUTI M, PICOZZI P, SANTUCCI S, LOZZI L, DECRESCENZI M (1992). EXTENDED ELECTRON ENERGY-LOSS FINE-STRUCTURE AND SELECTED-AREA ELECTRON-DIFFRACTION STUDIES OF SMALL PALLADIUM CLUSTERS. JOURNAL OF MICROSCOPY, vol. 166, p. 231-245, ISSN: 0022-2720
254.	1992	Articolo in rivista DINARDO S, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M, DENDAAS H (1992). EXTENDED ENERGY-LOSS FINE-STRUCTURE AND X-RAY PHOTOELECTRON-SPECTROSCOPY STUDIES OF CLEAN AND OXIDIZED Fe THIN-FILMS ON POLYCRYSTALLINE Cu. SURFACE AND INTERFACE ANALYSIS, vol. 19, p. 478-482, ISSN: 0142-2421, doi: 10.1002/sia.740190190
255.	1992	Articolo in rivista ALFONSETTI R, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1992). DETERMINATION OF STOICHIOMETRY OF SiO _x THIN-FILMS USING AN AUGER PARAMETER. THIN SOLID FILMS, vol. 213, p. 158-159, ISSN: 0040-6090, doi: 10.1016/0040-6090(92)90276-H

256.	1992	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DIOCIAIUTI M, DECRESCENZI M (1992). L2,3 EDGES OF CHROMIUM - COMPARISON BETWEEN ELECTRON-ENERGY LOSS SPECTRA IN TRANSMISSION AND REFLECTION MODE. SOLID STATE COMMUNICATIONS, vol. 83, p. 921-925, ISSN: 0038-1098, doi: 10.1016/0038-1098(92)90912-S
257.	1991	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1991). STRUCTURAL INVESTIGATION OF THE CR/SI INTERFACE. SURFACE SCIENCE, vol. 251, p. 579-582, ISSN: 0039-6028, doi: 10.1016/0039-6028(91)91058-6
258.	1991	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DECRESCENZI M (1991). ELECTRONIC-STRUCTURE OF CR-CLUSTERS ON GRAPHITE. ZEITSCHRIFT FÜR PHYSIK. D, ATOMS, MOLECULES AND CLUSTERS, vol. 20, p. 387-390, ISSN: 0178-7683
259.	1991	Articolo in rivista TURCHINI S, FIORELLO AM, NANNARONE S, PICOZZI P, SANTUCCI S, LOZZI L, DECRESCENZI M, BETTI MG, MARIANI C, DELPENNINO U (1991). A CORE LEVEL ELECTRON-ENERGY LOSS STUDY OF THE PD-SI(111)2X1 INTERFACE FORMATION. NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA. D CONDENSED MATTER, ATOMIC, MOLECULAR AND CHEMICAL PHYSICS, BIOPHYSICS, vol. 13, p. 203-210, ISSN: 0392-6737, doi: 10.1007/BF02463997
260.	1990	Articolo in rivista DECRESCENZI M, MOTTA N, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1990). STRUCTURAL STUDY OF THIN-FILMS BY EXTENDED ENERGY-LOSS FINE-STRUCTURE SPECTROSCOPY. THIN SOLID FILMS, vol. 193, p. 289-304, ISSN: 0040-6090, doi: 10.1016/S0040-6090(05)80038-0
261.	1990	Articolo in rivista DECRESCENZI M, DIOCIAIUTI M, LOZZI L, PICOZZI P, SANTUCCI S (1990). INVESTIGATION ON ELECTRONIC-STRUCTURE OF CU CLUSTERS ON GRAPHITE BY EELS AND XPS STUDIES. SOLID STATE COMMUNICATIONS, vol. 74, p. 115-118, ISSN: 0038-1098, doi: 10.1016/0038-1098(90)90616-J

262.	1990	Articolo in rivista LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S, DIOCIAIUTI M, PAOLETTI L (1990). STRUCTURAL CHARACTERIZATION OF SUPPORTED CHROMIUM CLUSTERS BY EXTENDED ENERGY-LOSS FINE-STRUCTURE. SURFACE AND INTERFACE ANALYSIS, vol. 16, p. 14-17, ISSN: 0142-2421, doi: 10.1002/sia.740160106
263.	1990	Articolo in rivista DECRESCENZI M, DERRIEN J, LOZZI L, PICOZZI P, SANTUCCI S (1990). SHORT-RANGE-ORDER INVESTIGATION BY LOW-ENERGY ELECTRONS. SURFACE AND INTERFACE ANALYSIS, vol. 16, p. 111-117, ISSN: 0142-2421, doi: 10.1002/sia.740160123
264.	1990	Articolo in rivista DECRESCENZI M, LOZZI L, PASSACANTANDO M, PICOZZI P, SANTUCCI S (1990). EXTENDED FINE-AUGER-STRUCTURE INVESTIGATION OF DISCONTINUOUS CHROMIUM FILMS. THIN SOLID FILMS, vol. 193, p. 318-324, ISSN: 0040-6090, doi: 10.1016/S0040-6090(05)80041-0
265.	1989	Articolo in rivista DECRESCENZI M, LOZZI L, PICOZZI P, SANTUCCI S, BENFATTO M, NATOLI CR (1989). STRUCTURAL DETERMINATION OF CRYSTALLINE SILICON BY EXTENDED ENERGY-LOSS FINE-STRUCTURE SPECTROSCOPY. PHYSICAL REVIEW. B, CONDENSED MATTER, vol. 39, p. 8409-8422, ISSN: 0163-1829, doi: 10.1103/PhysRevB.39.8409
266.	1989	Articolo in rivista DECRESCENZI M, LOZZI L, PICOZZI P, SANTUCCI S (1989). CORE EDGE ENERGY-LOSS STUDIES OF PD CLUSTERS ON GRAPHITE. ZEITSCHRIFT FÜR PHYSIK. D, ATOMS, MOLECULES AND CLUSTERS, vol. 12, p. 417-420, ISSN: 0178-7683
267.	1989	Articolo in rivista DECRESCENZI M, LOZZI L, PICOZZI P, SANTUCCI S, BENFATTO M, NATOLI CR (1989). SILICON K-EDGE STUDIED BY EELFS SPECTROSCOPY IN REFLECTION MODE - DIPOLE VERSUS MULTIPOLE TERMS CONTRIBUTIONS. SURFACE SCIENCE, vol. 211, p. 534-543, ISSN: 0039-6028, doi: 10.1016/0039-6028(89)90811-X
268.	1987	Articolo in rivista DECRESCENZI M, DIOCIAIUTI M, LOZZI L, PICOZZI P, SANTUCCI S (1987). LOCAL-STRUCTURE OF GRAPHITE BY EELFS SPECTROSCOPY - INFLUENCE OF MULTIPLE PLASMONS AND ORIENTATIONAL DEPENDENCE. SURFACE SCIENCE, vol. 189, p. 628-635, ISSN: 0039-6028

269.	1987	Articolo in rivista DECRESCENZI M, DIOCIAIUTI M, LOZZI L, PICOZZI P, SANTUCCI S (1987). SURFACE ELECTRON-ENERGY-LOSS FINE-STRUCTURE INVESTIGATION ON THE LOCAL-STRUCTURE OF COPPER CLUSTERS ON GRAPHITE. PHYSICAL REVIEW. B, CONDENSED MATTER, vol. 35, p. 5997-6003, ISSN: 0163-1829, doi: 10.1103/PhysRevB.35.5997
270.	1986	Articolo in rivista PAOLETTI L, DIOCIAIUTI M, PICOZZI P, SANTUCCI S (1986). NUMERICAL-SIMULATION OF KINEMATIC DIFFRACTION BY ULTRATHIN ANTIGRANULOCYTES FILMS FOR STRUCTURAL PARAMETER ANALYSIS. THIN SOLID FILMS, vol. 145, p. 249-257, ISSN: 0040-6090, doi: 10.1016/0040-6090(86)90374-3
271.	1986	Articolo in rivista DECRESCENZI M, DIOCIAIUTI M, PICOZZI P, SANTUCCI S (1986). ELECTRONIC AND STRUCTURAL INVESTIGATIONS OF PALLADIUM CLUSTERS BY X-RAY ABSORPTION NEAR-EDGE STRUCTURE AND EXTENDED X-RAY ABSORPTION FINE-STRUCTURE SPECTROSCOPIES. PHYSICAL REVIEW. B, CONDENSED MATTER, vol. 34, p. 4334-4337, ISSN: 0163-1829, doi: 10.1103/PhysRevB.34.4334
272.	1986	Articolo in rivista DECRESCENZI M, DIOCIAIUTI M, LOZZI L, PICOZZI P, SANTUCCI S, BATTISTONI C, MATTOGNO G (1986). SIZE EFFECTS ON THE LINEWIDTHS OF THE AUGER-SPECTRA OF CU CLUSTERS. SURFACE SCIENCE, vol. 178, p. 282-289, ISSN: 0039-6028, doi: 10.1016/0039-6028(86)90304-3
273.	1985	Articolo in rivista BALERNA A, BERNIERI E, PICOZZI P, REALE A, SANTUCCI S, BURATTINI E, MOBILIO S (1985). A STRUCTURAL INVESTIGATION ON SMALL GOLD CLUSTERS BY EXAFS. SURFACE SCIENCE, vol. 156, p. 206-213, ISSN: 0039-6028, doi: 10.1016/0039-6028(85)90576-X
274.	1985	Articolo in rivista PICOZZI P, SANTUCCI S, DECRESCENZI M, ANTONANGELI F, PIACENTINI M (1985). VACUUM ULTRAVIOLET REFLECTIVITY OF SMALL GOLD CLUSTERS. PHYSICAL REVIEW. B, CONDENSED MATTER, vol. 31, p. 4023-4025, ISSN: 0163-1829, doi: 10.1103/PhysRevB.31.4023

275.	1985	Articolo in rivista BALERNA A, BERNIERI E, PICOZZI P, REALE A, SANTUCCI S, BURATTINI E, MOBILIO S (1985). EXTENDED X-RAY-ABSORPTION FINE-STRUCTURE AND NEAR-EDGE-STRUCTURE STUDIES ON EVAPORATED SMALL CLUSTERS OF AU. PHYSICAL REVIEW. B, CONDENSED MATTER, vol. 31, p. 5058-5065, ISSN: 0163-1829, doi: 10.1103/PhysRevB.31.5058
276.	1985	Articolo in rivista DECRESCENZI M, PICOZZI P, SANTUCCI S, BATTISTONI C, MATTOGNO G (1985). STRUCTURAL AND ELECTRONIC INVESTIGATIONS OF CU ISLANDS ON GRAPHITE. SURFACE SCIENCE, vol. 156, p. 352-358, ISSN: 0039-6028, doi: 10.1016/0039-6028(85)90594-1
277.	1985	Articolo in rivista PICOZZI P, SANTUCCI S, DECRESCENZI M, PIACENTINI M, ANTONANGELI F (1985). VACUUM UV REFLECTIVITY OF VERY THIN GOLD-FILMS. THIN SOLID FILMS, vol. 126, p. 123-128, ISSN: 0040-6090, doi: 10.1016/0040-6090(85)90183-X
278.	1985	Articolo in rivista SANTUCCI S, PICOZZI P (1985). DISCONTINUOUS AG/AU FILMS AS NON-ERASABLE MEDIA FOR LASER WRITING. THIN SOLID FILMS, vol. 125, p. 361-365, ISSN: 0040-6090, doi: 10.1016/0040-6090(85)90245-7
279.	1984	Articolo in rivista Santucci S, P.Picozzi (1984). Oxidation of very thin Copper films investigated by optical transmittance. . THIN SOLID FILMS, vol. 113, ISSN: 0040-6090
280.	1984	Articolo in rivista L.Paoletti, P.A.Rosa, P.Picozzi, Santucci S (1984). Electron microscopy study of very thin mixed Cu-CuO films. . JOURNAL OF VACUUM SCIENCE & TECHNOLOGY. A. VACUUM, SURFACES, AND FILMS, ISSN: 0734-2101
281.	1984	Articolo in rivista M.De Crescenzi, P.Picozzi, Santucci S, C.Battistoni, G.Mattogno (1984). Cluster growth of Cu on Graphite: XPS and Electron Energy Loss studies. . SOLID STATE COMMUNICATIONS, vol. 51, ISSN: 0038-1098
282.	1984	Contributo in volume (Capitolo o Saggio) S.Mobilio, E.Burattini, A.Balerna, E.Bernieri, P.Picozzi, A.Reale, Santucci S (1984). Noble Metal Small Clusters EXAFS.. In: EXAFS and Near-Edge Structure III, p 222-Springer-Verlag (Berlino 1984). . EXAFS and Near-Edge Structure III, p 222-Springer-Verlag (Berlino 1984). BERLIN HEIDELBERG:Springer-Verlag

283.	1983	Articolo in rivista Santucci S, P.Picozzi, L.Paoletti (1983). Oxidation effect on the optical properties of Copper discontinuous films. . APPLIED OPTICS, vol. 22, ISSN: 0003-6935
284.	1983	Articolo in rivista P.Picozzi, Santucci S (1983). Transmittance measurements on discontinuous Copper films: A sensitive method for studying the oxidation process. J. de Physique , (). . JOURNAL DE PHYSIQUE. COLLOQUE, vol. C10, ISSN: 0449-1947
285.	1983	Articolo in rivista P.Picozzi, Santucci S, L.Paoletti (1983). Influence of Silver Sulfide on the optical behaviour of particulate Silver films. . GAZZETTA CHIMICA ITALIANA, vol. 113, ISSN: 0016-5603
286.	1982	Articolo in rivista R.Cirone, G.E.Gigante, G.Gualtieri, P.Picozzi, Santucci S (1982). Rapid and accurate thin film thickness measurements by X-ray fluorescence technique using a new background subtraction method. . THIN SOLID FILMS, vol. 88, ISSN: 0040-6090
287.	1982	Articolo in rivista P.Picozzi, Santucci S, M.Diociaiuti and L.Paoletti (1982). Optical transmittance of annealed small Au-Ag particles. . OPTICA ACTA, vol. 29, ISSN: 0030-3909
288.	1981	Articolo in rivista Santucci S, P.Picozzi, L.Paoletti, F.Tangucci (1981). Optical properties of granular metal films:The Au-Ag system . THIN SOLID FILMS, vol. 49, ISSN: 0040-6090
289.	1980	Articolo in rivista A.Balzarotti, P.Picozzi, A.Ricchiuto, Santucci S (1980). Reflectivity and thermally modulated reflectivity of Yttrium, Gadolinium, Erbium and Ytterbium Iron garnets. . LETTERE AL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA, vol. 29, ISSN: 0375-930X
290.	1979	Articolo in rivista A.Balzarotti, P.Picozzi, A.Ricchiuto, Santucci S (1979). Thermoreflectance studies of Yttrium Iron Garnet crystals. J.Phys. C Solid State Phys. . JOURNAL OF PHYSICS. C. SOLID STATE PHYSICS, vol. 12, ISSN: 0022-3719
291.	1979	Articolo in rivista A.Balzarotti, P.Picozzi, A.Ricchiuto, Santucci S (1979). Reflectivity and thermoreflectivity of some ferrimagnetic garnets. . JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, vol. 69, ISSN: 0030-3941

292.	1977	<p>Articolo in rivista A.Balzarotti, P.Picozzi, Santucci S (1977). Effects of anisotropy on the electroreflectance spectra of GaSe at oblique incidence. . NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA. A, vol. 38, ISSN: 1124-1853</p>
293.	1974	<p>Articolo in rivista P.Picozzi, Santucci S, A.Balzarotti (1974). Determination of the optical constants of Si-SiO₂ system by the method of the angular modulation of reflectance. . SURFACE SCIENCE, vol. 45, ISSN: 0039-6028</p>
294.	1973	<p>Articolo in rivista A.Balzarotti, P.Picozzi, Santucci S (1973). New method for determining the optical constants by angular modulation of reflectance.. SURFACE SCIENCE, vol. 37, ISSN: 0039-6028</p>