

Sandro Santucci

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➤ **Generalità**

Nato a Terni l'11.08.1948

Studi liceali compiuti in Terni

Laurea in Fisica presso l'Università degli studi dell'Aquila nel 1971 con tesi:
"Elettronica per diodi laser a semiconduttore".

Residenza e Domicilio: Via I.Silone 14 67100-L'Aquila,
TF: 0862.62247

➤ **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 dei 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 (INFM) curando i rapporti con la sede centrale e ottenendo finanziamenti che hanno portato alla costituzione del Centro per l'Assistenza Scientifica e Tecnologica alla 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 fino dalla costituzione, ha ottenuto finanziamenti per l'acquisizione di tre nuovi microscopi elettronico, 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, KLUVER, 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 la 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-Caspar 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

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

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

Surface Science

Journal of Chemical Physics

Chemical Physics Letters

Journal of Material Science

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 idel 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 43: Citations: 7.855 (Scopus dicembre 2018)

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:

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

INFM 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., Mercurio 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	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
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