

## Peer-reviewed journal articles

### 1)-Dependence of the Wittig reaction mechanism on the environment and on the substituents at the aldehyde group and at the phosphonium ylide

Alagona\* G.; Ghio C. SUBJECT Density functional calculations SUBJECT Reaction mechanisms SUBJECT Wittig reaction SUBJECT acetaldehyde SUBJECT trimethylphosphonium ylide

*International journal of quantum chemistry* 110 (2010): 765–776.

<https://dx.doi.org/10.1002/qua.22207>

### 2)-Crater drilling enhancement obtained in parallel non-collinear double-pulse laser ablation

Cristoforetti G.; Legnaioli S.; Palleschi V.; Tognoni E.; Benedetti P.A.

*Applied physics. A, Materials science & processing (Print)* 98 (2010): 219–225.

<https://dx.doi.org/10.1007/s00339-009-5379-8>

### 3)-Free energy landscapes in THF for the Wittig reaction of acetaldehyde and triphenylphosphonium ylide

Alagona\* G.; Ghio\* C. SUBJECT Reaction mechanisms SUBJECT Wittig reaction SUBJECT B3P86/6-31G\* SUBJECT IEF-PCM SUBJECT acetaldehyde

*International journal of quantum chemistry* 110 (2010): 2509–2521.

<https://dx.doi.org/10.1002/qua.22752>

### 4)-Growth and surface structure of Zn oxide layers on a Pd(111) surface

Weirum G.; Barcaro G.; Fortunelli A.; Schennach R.; Surnev S.; Netzer F. P.

*Journal of physical chemistry. C* 114 (2010): 15432–15439.

<https://dx.doi.org/10.1021/jp104620n>

### 5)-Ab initio Study of the One-and Two-Photon Absorption and Circular Dichroism of (L)-Tryptophan

Guillaume, M.; Ruud, K.; Rizzo, A.; Monti, S.; Lin, Z.; Xu, X.

*114* (2010): 6500–6512.

<http://www.cnr.it/prodotto/i/40316>

info:cnr-pdr/source/autori:Guillaume, M.; Ruud, K.; Rizzo, A.; Monti, S.; Lin, Z.; Xu, X./titolo:Ab initio Study of the One-and Two-Photon Absorption and Circular Dichroism of (L)-Tryptophan/

### 6)-Two-Photon Absorption Circular-Linear Dichroism on Axial Enantiomers

Toro, C.; De Boni, L.; Lin, N.; Santoro, F.; Rizzo, A.; Hernández, F. E. SUBJECT two-photon absorption SUBJECT dichroism SUBJECT circularly polarized light SUBJECT bi-naphthols SUBJECT non linear chiral spectroscopy

*Chirality (N.Y., N.Y. Print)* 22 (2010): 202–210.

<https://dx.doi.org/10.1002/chir.20867>

- 7)-Two-Photon Absorption Circular Dichroism: “A new twist of nonlinear spectroscopy”**  
Toro, C.; De Boni, L.; Lin, N.; Santoro, F.; Rizzo, A.; Hernández, F.  
E.SUBJECTchiralitySUBJECTcircular dichroismSUBJECTtwo-photon absorption  
*Chemistry - A European Journal* 16 (2010): 3504–3509.  
<https://dx.doi.org/10.1002/chem.200902286>
- 8)-The catalytic effect of water on the keto–enol tautomerism. Pyruvate and acetylacetone: a computational challenge**  
Alagona\* G.; Ghio C.; Nagy P.I.SUBJECTReaction mechanismSUBJECTB3LYP/6-31++G\*\*SUBJECTCBS extrapolationSUBJECTB3LYP/6-31G\*SUBJECTexplicit water  
*PCCP. Physical chemistry chemical physics (Print)* 12 (2010): 10173–10188.  
<http://www.cnr.it/prodotto/i/40332>  
info:cnr-pdr/source/autori:Alagona\* G., Ghio C., Nagy P.I./titolo:The catalytic effect of water on the keto–enol tautomerism. Pyruvate and acetylacetone: a computational challenge/
- 9)-Exotic Supported CoPt Nanostructures: From Clusters to Wires**  
Barcaro G.; Ferrando R.; Fortunelli A.; Rossi G.  
*The journal of physical chemistry letters* 1 (2010): 111–115.  
<https://dx.doi.org/10.1021/jz900076m>
- 10)-Validation of density-functional versus density-functional+\$US\$ approaches for oxide ultrathin films**  
Barcaro G.; Thomas I. O.; Fortunelli A.  
*The Journal of chemical physics* 132 (2010): 124703.  
<https://dx.doi.org/10.1063/1.3366689>
- 11)-Kondo effect of cobalt adatoms on nanostructured Cu-O surfaces**  
Gumbsch A.; Barcaro G.; Ramsey M. G.; Surnev S.; Fortunelli A.; Netzer F. N.  
*Physical review. B, Condensed matter and materials physics* 81 (2010): 165420.  
<https://dx.doi.org/10.1103/PhysRevB.81.165420>
- 12)-Kondo versus magnetic coupling of cobalt dimers**  
Gumbsch A.; Barcaro G.; Ramsey M. G.; Surnev S.; Fortunelli A.; Netzer F. N.  
*Journal of physics. Condensed matter (Print)* 22 (2010): 222202.  
<https://dx.doi.org/10.1088/0953-8984/22/22/222202>
- 13)-Structure of gas-phase Ag--Pd nanoclusters: A computational study**  
Negreiros F. R.; Kuntov{\a} Z.; Barcaro G.; Rossi G.; Ferrando R.; Fortunelli A.  
*The Journal of chemical physics* 132 (2010): 234703.  
<https://dx.doi.org/10.1063/1.3442911>

**14)-Prediction of the structures of free and oxide-supported nanoparticles by means of atomistic approaches: the benchmark case of nickel clusters**

Rossi G.; Anghinolfi L.; Ferrando R.; Nita F.; Barcaro G.; Fortunelli A.

*PCCP. Physical chemistry chemical physics (Print)* 12 (2010): 8564–8570.

<https://dx.doi.org/10.1039/c003949g>

**15)-The Effect of CO and H Chemisorption on the Chemical Ordering of Bimetallic Clusters**

West P. S.; Johnston R. L.; Barcaro G.; Fortunelli A.

*Journal of physical chemistry. C* 114 (2010): 19678–19686.

<https://dx.doi.org/10.1021/jp108387x>

**16)-Study of the Kramers rare earth ions ground multiplet with a large orbital contribution by multifrequency EPR spectroscopy: Ce<sup>3+</sup> in PbWO<sub>4</sub> scintillator**

Popescu FF; Bercu V; Barascu JN; Martinelli M; Massa CA; Pardi LA; Stefan M; Nistor SV; Nikl M

*Optical materials (Amst., Print)* 32 (2010): 570–575.

<http://www.cnr.it/prodotto/i/40358>

info:cnr-pdr/source/autori:Popescu FF, Bercu V, Barascu JN, Martinelli M, Massa CA , Pardi LA , Stefan M, Nistor SV, Nikl M/titolo:Study of the Kramers rare earth ions ground multiplet with a large orbital contribution by multifrequency EPR spectroscopy: Ce<sup>3+</sup> in PbWO<sub>4</sub> scintillator/

**17)-Experimental and theoretical study of core-valence double photoionization of OCS**

Niskanen J.; Carravetta V.; Vahtras O.; Ågren H.; Aksela H.; Andersson E.; Hedin L.; Linusson P.; Eland J.H.D.; Karlsson L.; Rubensson J.-E.; Feifel R.SUBJECTcomputational spectroscopySUBJECTdouble photoionizationSUBJECTOCSUBJECTTOF-PEPECO

*Physical review. A* 82 (2010): 43436–43445.

<http://www.cnr.it/prodotto/i/40457>

info:cnr-pdr/source/autori:Niskanen J., Carravetta V., Vahtras O., Ågren H., Aksela H., Andersson E., Hedin L., Linusson P., Eland J.H.D., Karlsson L., Rubensson J.-E, Feifel R./titolo:Experimental and theoretical study of core-valence double photoionization of OCS/

**18)-Sound Attenuation at Terahertz Frequencies and the Boson Peak of Vitreous Silica**

Baldi, Giacomo; Giordano, Valentina Maria; Monaco, Giulio; Ruta, Beatrice

*Physical review letters (Print)* 104 (2010): 195501-1.

<https://dx.doi.org/10.1103/PhysRevLett.104.195501>

**19)-Communication: High-frequency acoustic excitations and boson peak in glasses: A study of their temperature dependence**

Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina Maria; Orsingher, Laura; Rols, Stephane; Scarponi, Filippo; Monaco, Giulio

*The Journal of chemical physics* 133 (2010): 041101-1.

<https://dx.doi.org/10.1063/1.3460815>

**20)-Equation of state and anharmonicity of carbon dioxide phase I up to 12 GPa and 800 K**

Giordano, V.M.; Datchi, F.; Gorelli, F.A.; Bini, R.

*133 (2010): 144501.*

<http://www.cnr.it/prodotto/i/40518>

info:cnr-pdr/source/autori:Giordano, V.M.; Datchi, F.; Gorelli, F.A.;Bini, R./titolo:Equation of state and anharmonicity of carbon dioxide phase I up to 12 GPa and 800 K/

**21)-How an Automated Instrumentation Using an MS-DOS Embedded Controller can be seen as a Usb Device by any Host PC**

Ambrosetti R.; Matteoli E.; Ricci D.

*Instrumentation science & technology 38 (2010): 31–38.*

<https://dx.doi.org/10.1080/10739140903427129>

**22)-Excess Gibbs energies and volumes of the ternary system chloroform + tetrahydrofuran + cyclohexane at 298.15K**

Gianni P.; Lepori L.; Matteoli E.

*Fluid phase equilibria 297 (2010): 52–61.*

<http://www.cnr.it/prodotto/i/40534>

info:cnr-pdr/source/autori:Gianni P., Lepori L., Matteoli E./titolo:Excess Gibbs energies and volumes of the ternary system chloroform + tetrahydrofuran + cyclohexane at 298.15K/

**23)-Excess Gibbs Energies of the Ternary System 2-Methoxyethanol + Tetrahydrofuran + Cyclohexane and Other Relevant Binaries at 298.15 K**

Matteoli E.; Gianni P.; Lepori L.

*Journal of chemical and engineering data 55 (2010): 5441–5448.*

<http://www.cnr.it/prodotto/i/40536>

info:cnr-pdr/source/autori:Matteoli E., Gianni P., Lepori L./titolo:Excess Gibbs Energies of the Ternary System 2-Methoxyethanol + Tetrahydrofuran + Cyclohexane and Other Relevant Binaries at 298.15 K/

**24)-Enhanced Crystallization Kinetics in Poly(ethylene terephthalate) Thin Films Evidenced by Infrared Spectroscopy**

BERTOLDO, M.; LABARDI, M.; ROTELLA, C.; CAPACCIOLI, S.SUBJECTPoly(ethylene terephthalate)SUBJECTCrystallizationSUBJECTUltrathin films

*Polymer (Guildford) 51 (2010): 3660–3668.*

<https://dx.doi.org/10.1016/j.polymer.2010.05.040>

**25)-Local dielectric spectroscopy of nanocomposite materials interfaces**

LABARDI, M.; PREVOSTO, D.; NGUYEN, K.; CAPACCIOLI, S.; LUCCHESI, M.; ROLLA, P.

*28 (2010): c4d11–c4d17.*

<http://www.cnr.it/prodotto/i/40539>

info:cnr-pdr/source/autori:LABARDI, M.; PREVOSTO, D.; NGUYEN, K.; CAPACCIOLI, S.; LUCCHESI, M.; ROLLA, P./titolo:Local dielectric spectroscopy of nanocomposite materials interfaces/

**26)-Role of the solid electrolyte composition on the performance of a polymeric memristor**

Berzina, T.; Smerieri, A.; Ruggeri, G.; Bernabo', M.; Erokhin, V.; Fontana, M.P.

*Materials science & engineering. C, Biomimetic materials, sensors and systems (Print)* 30 (2010): 407.

<http://www.cnr.it/prodotto/i/40569>

info:cnr-pdr/source/autori:Berzina, T.; Smerieri, A.; Ruggeri, G.; Bernabo', M.; Erokhin, V.; Fontana, M.P./titolo:Role of the solid electrolyte composition on the performance of a polymeric memristor/

**27)-The Electric Potential of Tripolar Spikes**

NOCERA LSUBJECTPlasmasSUBJECTWavesSUBJECTElectrostatics-tripolar-regionsSUBJECTIsolated-electrostatics-structuresSUBJECTSolitary-waves

*Physics Letter A (Print)* 374 (2010): 1261–1265.

<https://dx.doi.org/10.1016/j.physleta.2009.12.074>

**28)-The Structure Function Method for Asymmetric Solitary Waves**

Nocera L.; Palumbo L. J.SUBJECTplasmaSUBJECTfundamental-processesSUBJECTVlasov-Poisson-equationsSUBJECTdouble-layersSUBJECTBGK-waves

*Journal of physics. A, Mathematical and theoretical (Print)* 43 (2010): 445501.1–445501.18.

<https://dx.doi.org/10.1088/1751-8113/43/44/445501>

**29)-Defined Chitosan-based networks by C-6-Azide-alkyne "click" reaction**

Zampano, Giovanni; Bertoldo, Monica; Ciardelli FrancescoSUBJECTPolysaccharideSUBJECTChitosanSUBJECTClick reactionSUBJECTCrosslinkingSUBJECTFunctionalization of polymers

*Reactive & functional polymers (Print)* 70 (2010): 272–281.

<https://dx.doi.org/10.1016/j.reactfunctpolym.2010.01.004>

**30)-Quantum calculations of nonadiabatic conical-intersection effects in the reactions N +O2 and N +O2**

P. Defazio; S. Akpınar; C. Petrongolo..

*Chemical physics (Print)* 375 (2010): 46.

<http://www.cnr.it/prodotto/i/40631>

info:cnr-pdr/source/autori:P. Defazio, S. Akpınar, and C. Petrongolo../titolo:Quantum calculations of nonadiabatic conical-intersection effects in the reactions N +O2 and N +O2/

**31)-Pushing the limit of liquid-state Dynamic Nuclear Polarization at high field**

Villanueva-Garibay J.A.; Annino G.; van Bentum P.J.M.; Kentgens A.P.M.

*PCCP. Physical chemistry chemical physics (Print)* (2010).

<http://www.cnr.it/prodotto/i/40632>

info:cnr-pdr/source/autori:Villanueva-Garibay J.A., Annino G., van Bentum P.J.M., Kentgens A.P.M./titolo:Pushing the limit of liquid-state Dynamic Nuclear Polarization at high field/

**32)-Temperature and frequency dependence of dielectric loss of Ba(Mg<sub>1/3</sub>Ta<sub>2/3</sub>)O<sub>3</sub> microwave ceramics**

Shimada T.; Ichikawa K.; Minemura T.; Kolodiazhnyi T.; Breeze J.; Alford N. McN.; Annino G.

*Journal of the European Ceramic Society* (2010).

<http://www.cnr.it/prodotto/i/40633>

info:cnr-pdr/source/autori:Shimada T., Ichikawa K., Minemura T., Kolodiazhnyi T., Breeze J., Alford N. McN., Annino G./titolo:Temperature and frequency dependence of dielectric loss of Ba(Mg<sub>1/3</sub>Ta<sub>2/3</sub>)O<sub>3</sub> microwave ceramics/

**33)-A high-conversion-factor, double-resonance structure for high-field Dynamic Nuclear Polarization**

Annino G.; Villanueva-Garibay J.A.; van Bentum P.J.M.; Klaassen A.A.K.; Kentgens A.P.M.  
*Applied magnetic resonance* (2010).

<http://www.cnr.it/prodotto/i/40635>

info:cnr-pdr/source/autori:Annino G., Villanueva-Garibay J.A., van Bentum P.J.M., Klaassen A.A.K., Kentgens A.P.M./titolo:A high-conversion-factor, double-resonance structure for high-field Dynamic Nuclear Polarization/

**34)-The effect of free radical reactions onto structure and properties of poly(lactic acid) (PLA) based blends**

Coltelli, Maria Beatrice; Bronco Simona; China, CarlosSUBJECTPoly(lactic acid)SUBJECTPoly(butylene-adipate-co-terephthalate)SUBJECTReactive blendingSUBJECTPeroxide

*Polymer degradation and stability* 95 (2010): 332–341.

<https://dx.doi.org/10.1016/j.polymdegradstab.2009.11.015>

**35)-Dynamic Crossover of Water Relaxation in Aqueous Mixtures: Effect of Pressure**

Grzybowska, K.; Paluch, M.; Grzybowski, A.; Pawlus, S.; Ancherbak, S.; Prevosto, D.; Capaccioli, S.SUBJECTwater mixtureSUBJECTdielectric relaxationSUBJECTpressure  
*The journal of physical chemistry letters* 1 (2010): 1170–1175.

<http://www.cnr.it/prodotto/i/40653>

info:cnr-pdr/source/autori:Grzybowska, K.; Paluch, M.; Grzybowski, A.; Pawlus, S.; Ancherbak, S.; Prevosto, D.; Capaccioli, S./titolo:Dynamic Crossover of Water Relaxation in Aqueous Mixtures: Effect of Pressure/

**36)-Renner-Teller quantum dynamics of NH<sub>2</sub> +H reactions on the NH<sub>2</sub> and coupled surfaces.**

P. Defazio; P. Gamallo; M. González; C. Petrongolo.

114 (2010): 9749.

<http://www.cnr.it/prodotto/i/40654>

info:cnr-pdr/source/autori:P. Defazio, P. Gamallo, M. González, and C. Petrongolo./titolo:Renner-Teller quantum dynamics of NH +H reactions on the NH<sub>2</sub> and coupled surfaces./

**37)-Quantum dynamics of the C +HD and C +n-D<sub>2</sub> reactions on the and surfaces.**

P. Defazio; P. Gamallo; M. González; S. Akpınar; B. Bussery-Honvault; P. Honvault; C. Petrongolo.

132 (2010): 104306.

<http://www.cnr.it/prodotto/i/40655>

info:cnr-pdr/source/autori:P. Defazio, P. Gamallo, M. González, S. Akpınar, B. Bussery-Honvault, P. Honvault, and C. Petrongolo./titolo:Quantum dynamics of the C +HD and C +n-D<sub>2</sub> reactions on the and surfaces./

**38)-Nondipole effects in helium photoionization**

L. Argenti and R. MocciaSUBJECTcalculationSUBJECTphotoionizationSUBJECTheliumSUBJECTangularSUBJECTanisotropy

43 (2010): 235006.

<http://www.cnr.it/prodotto/i/40730>

info:cnr-pdr/source/autori:L. Argenti and R. Moccia/titolo:Nondipole effects in helium photoionization/

**39)-Quantum calculations of nonadiabatic 2A<sub>1</sub>-2B<sub>2</sub> conical-intersection effects in the reactions N(4S)+O<sub>2</sub>(X<sup>3</sup>Σ<sup>-</sup>) and N(4S)+O<sub>2</sub>(A<sup>3</sup>Δ)**

P. Defazio; S. Akpınar; C. PetrongoloSUBJECTquantum dynamicsSUBJECTconical-intersection

*Chemical physics (Print)* 375 (2010): 46–51.

<http://www.cnr.it/prodotto/i/40731>

info:cnr-pdr/source/autori:P. Defazio, S. Akpınar, and C. Petrongolo/titolo:Quantum calculations of nonadiabatic 2A<sub>1</sub>-2B<sub>2</sub> conical-intersection effects in the reactions N(4S)+O<sub>2</sub>(X<sup>3</sup>Σ<sup>-</sup>) and N(4S)+O<sub>2</sub>(A<sup>3</sup>Δ)/

**40)-Quantum calculations of nonadiabatic (2)A<sub>1</sub>-(2)B<sub>2</sub> conical-intersection effects in the reactions N((4)S) + O(2)(X(3)Σ<sup>-</sup>(g)) and N((4)S) + O(2)(A(3)Δ(u))**

Paolo Defazio; Sinan Akpınar; Carlo Petrongolo

*Chemical physics (Print)* 375 (2010): 46–51.

<http://www.cnr.it/prodotto/i/40735>

info:cnr-pdr/source/autori:Paolo Defazio, Sinan Akpınar, Carlo Petrongolo/titolo:Quantum calculations of nonadiabatic (2)A<sub>1</sub>-(2)B<sub>2</sub> conical-intersection effects in the reactions N((4)S) + O(2)(X(3)Σ<sup>-</sup>(g)) and N((4)S) + O(2)(A(3)Δ(u))/



**41)-Investigation of alkyl metal intermediates formation in the rhodium-catalyzed hydroformylation: experimental and theoretical approaches**

Lazzaroni R.; Settambolo R.; Alagona G.; Ghio C. SUBJECT Unmodified Rh catalysts SUBJECT Hydroformylation SUBJECT Deuterioformylation SUBJECT B3P86/6-31G\* SUBJECT Selectivity

*Coordination chemistry reviews (Print)* 254 (2010): 696–706.

<https://dx.doi.org/10.1016/j.ccr.2009.09.032>

**42)-Interfacial effects on the dynamics of ethylene-propylene copolymer nanocomposite with inorganic clays**

Prevosto D.; Lucchesi M.; Bertoldo M.; Passaglia E.; Ciardelli F.; Rolla P. SUBJECT Nanocomposites SUBJECT Dielectric properties SUBJECT relaxation SUBJECT Polymers and organics

*Journal of non-crystalline solids* 356 (2010): 568–573.

<https://dx.doi.org/10.1016/j.jnoncrysol.2009.09.035>

**43)-Quantum dynamics of the C(1D)+HD and C(1D)+n-D2 reactions on the a1A' and b1A**

P. Defazio; P. Gamallo; M. Gonzalez; S. Akpinar; B. Bussery-Honvault; P. Honvault; C. Petrongolo

*132 (2010): 104306–104313.*

<http://www.cnr.it/prodotto/i/168046>

info:cnr-pdr/source/autori:P. Defazio, P. Gamallo, M. Gonzalez, S. Akpinar, B. Bussery-Honvault, P. Honvault, and C. Petrongolo/titolo:Quantum dynamics of the C(1D)+HD and C(1D)+n-D2 reactions on the a1A' and b1A/

**44)-Coupling between crystal melting and rigid amorphous fraction mobilization in poly(ethylene terephthalate)**

Di Lorenzo M.L.; Righetti M.C.; Cocca M.; Wunderlich B.

*Macromolecules (Print)* 43 (2010): 7689–7694.

<https://dx.doi.org/10.1021/ma101035h>

**45)-Hydrogen Balmer alpha line behavior in Laser-Induced Breakdown Spectroscopy depth scans of Au, Cu, Mn, Pb targets in air**

G.S. Senesi<sup>1</sup>; P.A. Benedetti<sup>2</sup>; G. Cristoforetti<sup>2</sup>; S. Legnaioli<sup>2</sup>; V. Palleschi<sup>2</sup> SUBJECT LIBS SUBJECT Hydrogen Balmer alpha line SUBJECT Plasma SUBJECT Metals

*Spectrochimica acta. Part B, Atomic spectroscopy* 65 (2010): 557–564.

<https://dx.doi.org/10.1016/j.sab.2010.05.010>

**46)-A Fe K-edge XAS study of amethyst**

Di Benedetto, Francesco; D'Acapito, Francesco; Fornaciai, Gabriele; Innocenti, Massimo; Montegrossi, Giordano; Pardi, Luca A.; Tesi, Silvia; Romanelli, Maurizio SUBJECT silica SUBJECT amethyst SUBJECT XANES SUBJECT EXAFS SUBJECT DFT



*Physics and chemistry of minerals* 37 (2010): 283–289.

<https://dx.doi.org/10.1007/s00269-009-0332-0>

**47)-Renner-Teller quantum dynamics of NH(a1Delta)+H reactions on the NH2 A2A1 and B2B1 coupled surfaces**

P. Defazio; P. Gamallo; M. Gonzalez; C. Petrongolo

*114* (2010): 9749–9754.

<http://www.cnr.it/prodotto/i/171874>

info:cnr-pdr/source/autori:P. Defazio, P. Gamallo, M. Gonzalez, and C. Petrongolo/titolo:Renner-Teller quantum dynamics of NH(a1Delta)+H reactions on the NH2 A2A1 and B2B1 coupled surfaces/

**48)-Threshold temperature luminescent indicators from biodegradable poly(lactic acid)/poly(butylene succinate) blends**

Pucci A.; Signori F.; Bizzarri R. Bronco S.; Ruggeri G.; Ciardelli F.

*Journal of materials chemistry (Print)* 20 (2010): 5843–5852.

<https://dx.doi.org/10.1039/C0JM00057D>

**49)-Enzymatically-Crosslinked Porous Composite Matrices For Bone Tissue Regeneration**

CIARDELLI G; GENTILE P.; CHIONO V; MATTIOLI-BELMONTE M; VOZZI G; BARBANI N; GIUSTI

PSUBJECTcollagenSUBJECTcrosslinkingSUBJECThydroxyapatiteSUBJECTtissue engineeringSUBJECTtransglutaminase

*Journal of biomedical materials research. Part A* 92 (2010): 137–151.

<https://dx.doi.org/10.1002/jbm.a.32344>

**50)-Two-Photon Absorption Circular Dichroism: A New Twist in Nonlinear Spectroscopy**

Toro, C (Toro, Carlos)1; De Boni, L (De Boni, Leonardo)1; Lin, N (Lin, Na)2; Santoro, F (Santoro, Fabrizio)3; Rizzo, A (Rizzo, Antonio)3; Hernandez, FE (Hernandez, Florencio E.)1,4  
*Chemistry - A European Journal* 16 (2010): 3504–3509.

<http://www.cnr.it/prodotto/i/187165>

info:cnr-pdr/source/autori:Toro, C (Toro, Carlos)1; De Boni, L (De Boni, Leonardo)1; Lin, N (Lin, Na)2; Santoro, F (Santoro, Fabrizio)3; Rizzo, A (Rizzo, Antonio)3; Hernandez, FE (Hernandez, Florencio E.)1,4/titolo:Two-Photon Absorption Circular Dichroism: A New Twist in Nonlinear Spectroscopy/

**51)-Computational Study of the One- and Two-Photon Absorption and Circular Dichroism of (L)-Tryptophan**

Guillaume, Maxime; Ruud, Kenneth; Rizzo, Antonio; Monti, Susanna; Lin, Zijng; Xu, Xuee

*The journal of physical chemistry. B* 114 (2010): 6500–6512.

<https://dx.doi.org/10.1021/jp1004659>

**52)-Experimental and theoretical study of core-valence double photoionization of OCS**

Niskanen, J.; Carravetta, V.; Vahtras, O.; Agren, H.; Aksela, H.; Andersson, E.; Hedin, L.; Linusson, P.; Eland, J. H. D.; Karlsson, L.; Rubensson, J. -E.; Feifel, R. SUBJECT photoionization OCS theory experiment

*Physical review. A* 82 (2010).

<https://dx.doi.org/10.1103/PhysRevA.82.043436>

**53)-Temperature and frequency dependence of dielectric loss of Ba(Mg<sub>1/3</sub>Ta<sub>2/3</sub>)O<sub>3</sub> microwave ceramics**

Shimada, T.; Ichikawa, K.; Minemura, T.; Kolodiazhnyi, T.; Breeze, Jonathan; Alford, Neil McN.; Annino, Giuseppe SUBJECT Dielectric

properties SUBJECT Spectroscopy SUBJECT Phonon SUBJECT Perovskite

*Journal of the European Ceramic Society* 30 (2010): 331–334.

<https://dx.doi.org/10.1016/j.jeurceramsoc.2009.04.027>

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## **Other publications (journals without peer review, book reviews,etc.)**

### **1)-Stem cells transplantation may help to regrow inner ear sensory cells and neurons in deafened mice**

Revoltella Roberto P

*Pisa, 2010*

<http://www.cnr.it/prodotto/i/88200>

info:cnr-pdr/source/autori:Revoltella

Roberto

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/intervallo\_pagine:

### **2)-Trapianto di cellule staminali come potenziale strategia per il recupero dell'udito e dell'olfatto dopo danno permanente**

Revoltella Roberto P

*Firenze, 2010*

<http://www.cnr.it/prodotto/i/88202>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso\_nome:/congresso\_luogo:Firenze/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:  
a\_a:/intervallo\_pagine:

### **3)-Trapianto di Cellule Staminali: Potenziale Strategia per Riabilitare l'Udito in Topi Otolesi**

Revoltella Roberto P

*Pisa, 2010*

<http://www.cnr.it/prodotto/i/88203>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso\_nome:/congresso\_luogo:Pisa/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:  
/intervallo\_pagine:

### **4)-Cochlear repair by transplantation of human cord blood CD133+ cells to nod-scid mice made deaf by kanamycin and noise**

Revoltella Roberto P

*Praga, 2010*

<http://www.cnr.it/prodotto/i/88205>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso\_nome:/congresso\_luogo:Praga/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:  
a:/intervallo\_pagine:

### **5)-Le cellule staminali: Cosa sono?**

Revoltella Roberto P

Milano, 2010

<http://www.cnr.it/prodotto/i/88206>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso\_nome:/congresso\_luogo:Milano/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

#### **6)-Olfatto: terapia rigenerativa con cellule staminali**

Franceschini V.; Bettini S.; Revoltella R.

Milano, 2010

<http://www.cnr.it/prodotto/i/88207>

info:cnr-pdr/source/autori:Franceschini

V.,

Bettini

S.,

Revoltella

R./congresso\_nome:/congresso\_luogo:Milano/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a\_a:/intervallo\_pagine:

#### **7)-'Cochlear repair after human stem cell transplantation in nod-scid mice made deaf with kanamycin and noise**

Revoltella Roberto P

Shanghai, 2010

<http://www.cnr.it/prodotto/i/88208>

info:cnr-pdr/source/autori:Revoltella

Roberto

P/congresso\_nome:/congresso\_luogo:Shanghai/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a\_a:/intervallo\_pagine:

#### **8)-Dielectric characterization by means of whispering gallery mode resonators**

Fittipaldi M.; Strambini E.; Martinelli M.; Annino G.

*Infrared Millimeter and Terahertz Waves (IRMMW-THz), 2010 35th International Conference on, Roma, 2010*

<http://www.cnr.it/prodotto/i/88225>

info:cnr-pdr/source/autori:Fittipaldi

M.,

Strambini

E.,

Martinelli

M.,

Annino

G./congresso\_nome:

Infrared Millimeter and Terahertz Waves (IRMMW-THz), 2010 35th

International

Conference

on/congresso\_luogo:Roma/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a\_a:/intervallo\_pagine:

#### **9)-Open single-mode cavities for millimeter and submillimeter wavelengths**

Fittipaldi M.; Martinelli M.; Annino; G.

*Infrared Millimeter and Terahertz Waves (IRMMW-THz), 2010 35th International Conference on, Roma, 2010*

<http://www.cnr.it/prodotto/i/88226>

info:cnr-pdr/source/autori:Fittipaldi M., Martinelli M., Annino, G./congresso\_nome:Infrared Millimeter and Terahertz Waves (IRMMW-THz), 2010 35th International Conference on/congresso\_luogo:Roma/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**10)-GE and VE of the ternary mixtures chloroform or 2-methoxyethanol + THF + cyHexane at 298.15K**

E.Matteoli; P.Gianni; L.Lepori  
2010

<http://www.cnr.it/prodotto/i/88232>

info:cnr-pdr/source/autori:E.Matteoli, P.Gianni,  
L.Lepori/congresso\_nome:/congresso\_luogo:/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**11)-Antioxidant properties of natural compounds through their copper(II) coordination ability**

Alagona G.; Ghio C.

*The Intl. Society of Quantum Biology and Pharmacology (ISQBP) President's Meeting 2010, June 14-16, Cetraro (CS), Italy, 2010*

<http://www.cnr.it/prodotto/i/117109>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso\_nome:The Intl. Society of Quantum Biology and Pharmacology (ISQBP) President's Meeting 2010, June 14-16/congresso\_luogo:Cetraro (CS), Italy/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**12)-Theoretical Prediction of Selectivities in Nonreversible and Reversible Hydroformylation Reactions Catalyzed by Unmodified Rh-Carbonyls**

Alagona G.; Ghio C.; Lazzaroni R.

*Modelling & Design of Molecular Materials, MDMM 2010, July 4-8, Wroclaw (Poland), 2010*

<http://www.cnr.it/prodotto/i/117110>

info:cnr-pdr/source/autori:Alagona G., Ghio C., Lazzaroni R./congresso\_nome:Modelling & Design of Molecular Materials, MDMM 2010, July 4-8/congresso\_luogo:Wroclaw (Poland)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**13)-Selectivities in Hydroformylation Reactions of Variedly Substituted Cyclohexenes and Related Linear Substrates**

Alagona G.; Ghio C.

*36° Congres de Chimistes Theoricien d'Expression Latine, Chitel 2010, Sept. 18-24, Anglet (France), 2010*

<http://www.cnr.it/prodotto/i/117111>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso\_nome:36° Congres de Chimistes Theoricien d'Expression Latine, Chitel 2010, Sept. 18-24/congresso\_luogo:Anglet (France)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**14)-AMPHIPHILIC COPOLYMERS FROM POLYSACCHARIDES AND (METH)ACRYLACRYLATES BY “click” promoted coupling**

Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Russo, Vincenzo; Ciardelli, Francesco

*Macro2010, 43rd IUPAC World Polymer Congress, Glasgow, U.K., 2010*

<http://www.cnr.it/prodotto/i/117136>

info:cnr-pdr/source/autori:Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Russo, Vincenzo; Ciardelli, Francesco/congresso\_nome:Macro2010, 43rd IUPAC World Polymer Congress/congresso\_luogo:Glasgow,

U.K./congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**15)-NEW HYBRID MACROMOLECULAR ARCHITECTURES BY COVALENT BINDING OF SYNTHETIC POLYMERS TO POLYSACCHARIDES**

Bertoldo, Monica; Zampano, Giovanni; Ciardelli, Francesco

*XII Latin American Symposium of Polymers-SLAP, Ramada Plaza, Costa Rica, 2010*

<http://www.cnr.it/prodotto/i/117137>

info:cnr-pdr/source/autori:Bertoldo, Monica; Zampano, Giovanni; Ciardelli, Francesco/congresso\_nome:XII Latin American Symposium of Polymers-SLAP/congresso\_luogo:Ramada Plaza, Costa

Rica/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**16)-HIGH-FREQUENCY ACOUSTIC EXCITATIONS AND BOSON PEAK IN GLASSES: A STUDY OF THEIR TEMPERATURE DEPENDENCE**

Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio

*NCM11, 11th International Conference on the Structure of Non-Crystalline Materials, Paris (France), 2010*

<http://www.cnr.it/prodotto/i/117143>

info:cnr-pdr/source/autori:Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio/congresso\_nome:NCM11, 11th International Conference on the Structure of Non-Crystalline Materials/congresso\_luogo:Paris

(France)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**17)-The vibrational dynamics of GeO<sub>2</sub> at the glass transition: a Raman and Brillouin scattering study**

Rossi, Flavio; Caponi, Silvia; Baldi, Giacomo; Fontana, Aldo; Orsingher, Laura; Zanatta, Marco

*XII International Workshop on Complex Systems, Andalo, Trento (Italy), 2010*

<http://www.cnr.it/prodotto/i/117144>

info:cnr-pdr/source/autori:Rossi, Flavio; Caponi, Silvia; Baldi, Giacomo; Fontana, Aldo; Orsingher, Laura; Zanatta, Marco/congresso\_nome:XII International Workshop on Complex Systems/congresso\_luogo:Andalo, Trento (Italy)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**18)-Temperature Dependence of the High-Frequency Dynamics in Glasses**

Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio

*IXS 2010, 7th International Conference on Inelastic X-ray Scattering, Grenoble (France), 2010*

<http://www.cnr.it/prodotto/i/117145>

info:cnr-pdr/source/autori:Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio/congresso\_nome:IXS 2010, 7th International Conference on Inelastic X-ray Scattering/congresso\_luogo:Grenoble (France)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**19)-HIGH-FREQUENCY ACOUSTIC EXCITATIONS AND BOSON PEAK IN GLASSES: A STUDY OF THEIR TEMPERATURE DEPENDENCE**

Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio

*IXS 2010, 7th International Conference on Inelastic X-ray Scattering, Grenoble (France), 2010*

<http://www.cnr.it/prodotto/i/117146>

info:cnr-pdr/source/autori:Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio/congresso\_nome:IXS 2010, 7th International Conference on Inelastic X-ray Scattering/congresso\_luogo:Grenoble (France)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**20)-High frequency elastic anomalies and the boson peak of glasses**

Baldi, Giacomo; Giordano, Valentina Maria; Ruta, Beatrice; Monaco, Giulio

*XII International Workshop on Complex Systems, Andalo, Trento (Italy), 2010*

<http://www.cnr.it/prodotto/i/117147>

info:cnr-pdr/source/autori:Baldi, Giacomo; Giordano, Valentina Maria; Ruta, Beatrice; Monaco, Giulio/congresso\_nome:XII International Workshop on Complex Systems/congresso\_luogo:Andalo, Trento (Italy)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:



**21)-Nonlinear Dielectric Dynamics of Polymers Probed by FM-EFM**

Labardi, M.; Nguyen, K.; Prevosto, D.; Capaccioli, S.; Lucchesi, M.; Rolla, P.

*13th International Conference on Non Contact Atomic Force Microscopy, Kanazawa (Japan), 2010*

<http://www.cnr.it/prodotto/i/117166>

info:cnr-pdr/source/autori:Labardi, M.; Nguyen, K.; Prevosto, D.; Capaccioli, S.; Lucchesi, M.; Rolla, P./congresso\_nome:13th International Conference on Non Contact Atomic Force Microscopy/congresso\_luogo:Kanazawa

(Japan)/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**22)-Relaxation properties of polymer nanocomposite: a dielectric spectroscopy insight at the nanometric scale**

Prevosto, D.; Labardi, M.; Nguyen, Kim H.; Capaccioli, S.; Lucchesi, M.; Rolla P.

*Broadband Dielectric Spectroscopy and its Applications, Madrid, 2010*

<http://www.cnr.it/prodotto/i/117167>

info:cnr-pdr/source/autori:Prevosto, D.; Labardi, M.; Nguyen, Kim H.; Capaccioli, S.; Lucchesi, M.; Rolla P./congresso\_nome:Broadband Dielectric Spectroscopy and its Applications/congresso\_luogo:Madrid/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**23)-Relaxation dynamics of ultrathin polymer films investigated on the nanoscale by local dielectric spectroscopy**

Nguyen, Kim H.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Rolla, P. SUBJECT ultrathin polymer films SUBJECT nanoscale SUBJECT local dielectric spectroscopy

*Broadband Dielectric Spectroscopy and its Applications, Madrid, 7-10 / 09 / 2010*

<http://www.cnr.it/prodotto/i/117168>

info:cnr-pdr/source/autori:Nguyen, Kim H.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Rolla, P./congresso\_nome:Broadband Dielectric Spectroscopy and its Applications/congresso\_luogo:Madrid/congresso\_data:7-10 / 09 / 2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**24)-Skewed Coherent Electrostatic Structures: their electric field and particle distributions**

Nocera L. SUBJECT electrostatic tripolar spikes SUBJECT Vlasov equation SUBJECT discontinuous distribution functions SUBJECT electric potential profile asymmetry

*EGU General Assembly, Vienna, 1-7/05/2010*

<http://www.cnr.it/prodotto/i/117196>

info:cnr-pdr/source/autori:Nocera L./congresso\_nome:EGU General Assembly/congresso\_luogo:Vienna/congresso\_data:1-7/05/2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

## **25)-LINEAR AND NONLINEAR SPECTROSCOPIES AND CHIRALITY**

Rizzo; Antonio

*Nordic-China symposium on molecular bio- and nanoscience, Hefei, China, 2010*

<http://www.cnr.it/prodotto/i/117289>

info:cnr-pdr/source/autori:Rizzo, Antonio/congresso\_nome:Nordic-China symposium on molecular bio- and nanoscience/congresso\_luogo:Hefei, China/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

## **26)-Threshold Temperature Visual Indicators from Bio-related Polymer Blends**

Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F.

*6th Conference on Nanostructured Polymers and Nanocomposites, Madrid, 2010*

<http://www.cnr.it/prodotto/i/117314>

info:cnr-pdr/source/autori:Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F./congresso\_nome:6th Conference on Nanostructured Polymers and Nanocomposites/congresso\_luogo:Madrid/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

## **27)-Luminescent biodegradable multiphase materials as smart indicators to thermal stress**

Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F.

*International Conference Interfaces & Interphases in Multicomponent Materials (IIMM), Sheffield, 2010*

<http://www.cnr.it/prodotto/i/117315>

info:cnr-pdr/source/autori:Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F./congresso\_nome:International Conference Interfaces & Interphases in Multicomponent Materials (IIMM)/congresso\_luogo:Sheffield/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

## **28)-Color responsive smart polymers and biopolymers films through nanodispersion of organic chromophores and metal particles**

Pucci, A.; Ruggeri, G.; Bronco, S.; Signori, F.; Ciardelli, F.

*FATIPEC 2010, Genova, 2010*

<http://www.cnr.it/prodotto/i/117316>

info:cnr-pdr/source/autori:Pucci, A.; Ruggeri, G.; Bronco, S.; Signori, F.; Ciardelli, F./congresso\_nome:FATIPEC 2010/congresso\_luogo:Genova/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**29)-Compatibilizzazione di miscele PLA/PBAT mediante formazione in-situ di copolimeri durante il processo di miscelazione nel fuso**

Bronco, S.; Signori, F.; Coltelli, M.-B.; Ciardelli, F.

*1° Congresso Nazionale sugli imballaggi in polimeri biodegradabili, Parma, 2010*

<http://www.cnr.it/prodotto/i/117317>

info:cnr-pdr/source/autori:Bronco, S.; Signori, F.; Coltelli, M.-B.; Ciardelli, F./congresso\_nome:1° Congresso Nazionale sugli imballaggi in polimeri biodegradabili/congresso\_luogo:Parma/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**30)-Silice Libera Cristallina nei Luoghi di Lavoro.**

Fabio Capacci; Franco Carnevale; Francesco Di BenedettoSUBJECTsilice libera cristallinaSUBJECTigiene industrialeSUBJECTprevenzioneSUBJECTiron

. *Firenze: Giunti, 2010*

<http://www.cnr.it/prodotto/i/137287>

info:cnr-pdr/source/autori:Fabio Capacci, Franco Carnevale, Francesco Di Benedetto/titolo:Silice Libera Cristallina nei Luoghi di Lavoro./titolo\_volume:/curatori\_volume:/editore:

/anno:2010

**31)-THE NATURE OF GLASS: SOMETHINGS ARE CLEAR**

NGAI K.L.; CAPACCIOLI S.; PREVOSTO D.; PALUCH M.SUBJECTglass transitionSUBJECTinteracting systemsSUBJECTsecondary relaxationSUBJECTstructural relaxationSUBJECTfrequency dispersion, , 2010

<http://www.cnr.it/prodotto/i/137290>

info:cnr-pdr/source/autori:NGAI K.L.; CAPACCIOLI S.; PREVOSTO D.; PALUCH M./titolo:THE NATURE OF GLASS: SOMETHINGS ARE CLEAR/titolo\_volume:/curatori\_volume:/editore:/anno:2010

**32)-EVIDENCES OF A COMMON SCALING UNDER COOLING AND COMPRESSION FOR SLOW AND FAST RELAXATIONS: RELEVANCE OF LOCAL MODES FOR THE GLASS TRANSITION**

CAPACCIOLI S.; KESSAIRI K.; PREVOSTO D.; SHAHIN  
Md.SUBJECTpressureSUBJECTbinary mixturesSUBJECTstructural  
relaxationSUBJECTsecondary relaxationSUBJECTintermolecular interactions  
, 2010

<http://www.cnr.it/prodotto/i/137291>

info:cnr-pdr/source/autori:CAPACCIOLI S.; KESSAIRI K.; PREVOSTO D.; SHAHIN  
Md./titolo:EVIDENCES OF A COMMON SCALING UNDER COOLING AND  
COMPRESSION FOR SLOW AND FAST RELAXATIONS: RELEVANCE OF LOCAL  
MODES FOR THE GLASS  
TRANSITION/titolo\_volume:/curatori\_volume:/editore:/anno:2010

**33)-Report on the IR and Raman fingerprints of different proteins targeted by the Nanoantenna project (D1.1 FP7 EU Project - Nanoantenna)**

M. Lamy de La Chapelle; P. G. Gucciardi; O. M. Maragò; B. Fazio; A. Pucci; R. Marks  
2010

<http://www.cnr.it/prodotto/i/158358>

**34)-Report on the optical properties of individual nanoantennas (D2.1 FP7 EU Project Nanoantenna)**

A. Pucci; J. Aizpurua; P. G. Gucciardi; B. Fazio; C. D'Andrea; O. M. Maragò; M. A. Iatì; M.  
Lamy de La Chapelle; N. Guillot  
2010

<http://www.cnr.it/prodotto/i/158359>

**35)-Olfactory loss repair and neuroepithelial regeneration in herbicide-treated mice by stem cell transplantation**

Revoltella Roberto P  
*Pisa, 2010*

<http://www.cnr.it/prodotto/i/169739>

info:cnr-pdr/source/autori:Revoltella Roberto  
P/congresso\_nome:/congresso\_luogo:Pisa/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_  
a:/intervallo\_pagine:

**36)-Coupling between crystal fusion and mobilization of the rigid amorphous fraction in poly(ethylene terephthalate)**

M. L. Di Lorenzo; M. C. Righetti; M. Cocca; B. Wunderlich

*11th Lahnwitzseminar on Calorimetry, Rostock (Germania) 6-11 giugno 2010., Rostock, 2010*

<http://www.cnr.it/prodotto/i/172258>

info:cnr-pdr/source/autori:M. L. Di Lorenzo, M. C. Righetti, M. Cocca, B.  
Wunderlich/congresso\_nome:11th Lahnwitzseminar on Calorimetry, Rostock (Germania) 6-11  
giugno

2010./congresso\_luogo:Rostock/congresso\_data:2010/anno:2010/pagina\_da:/pagina\_a:/intervallo\_pagine:

**37)-Alternative synthetic routes for the preparation of PLA/montmorillonite nanocomposites**

Bronco S.; Coltelli M.B.; Castiello S.; Ciardelli F.; Taburoni E.; Conzatti L.

*5th International Conference on Times of Polymers and Composites, pp. 67–69, Ischia, ITALY, JUN 20-23, 2010*

<https://dx.doi.org/10.1063/1.3455667>

info:cnr-pdr/source/autori:Bronco S., Coltelli M.B., Castiello S., Ciardelli F., Taburoni E., Conzatti L./congresso\_nome:5th International Conference on Times of Polymers and Composites/congresso\_luogo:Ischia, ITALY/congresso\_data:JUN 20-23, 2010/anno:2010/pagina\_da:67/pagina\_a:69/intervallo\_pagine:67–69

**38)-Caratterizzazione della SLC: proprietà ed alterazioni chimico-fisiche**

M. Romanelli; L. Bartali; F. di Benedetto; M. Innocenti; S. Tesi; E. Bafaro; G. Fornaciai; F. d'Acapito; G. Montegrossi; L. A. Pardi

*Silice Libera Cristallina nei luoghi di lavoro, edited by F. Capacci, F. Carnevale, F. di Benedetto, pp. 192–275, 2010*

<urn:isbn:88-09-74917-0>

info:cnr-pdr/source/autori:M. Romanelli; L. Bartali; F. di Benedetto; M. Innocenti; S. Tesi; E. Bafaro; G. Fornaciai; F. d'Acapito; G. Montegrossi; L. A. Pardi/titolo:Caratterizzazione della SLC: proprietà ed alterazioni chimico-fisiche/titolo\_volume:Silice Libera Cristallina nei luoghi di lavoro/curatori\_volume:F. Capacci, F. Carnevale, F. di Benedetto/editore:/anno:2010