

## Peer-reviewed journal articles

### 1)-Development and characterization of novel agar and gelatin injectable hydrogel as filler for peripheral nerve guidance channels

Tonda-Turo, Chiara; Gnani, Sara; Ruini, F.; Gambarotta, Giovanna; Gioffredi, Emilia; Chiono, Valeria; Perroteau, Isabelle; Ciardelli, Gianluca  
SUBJECT Agar  
SUBJECT Gelatin  
SUBJECT Glial-like cells  
SUBJECT Hydrogel  
SUBJECT Injectable  
SUBJECT Peripheral nerve regeneration  
*Journal of tissue engineering and regenerative medicine* (2017).  
<https://dx.doi.org/10.1002/term.1902>

### 2)-Alumina-supported sub-nanometer Pt-10 clusters: amorphization and role of the support material in a highly active CO oxidation catalyst

Yin, Chunrong; Negreiros, Fabio R.; Barcaro, Giovanni; Beniya, Atsushi; Sementa, Luca; Tyo, Eric C.; Bartling, Stephan; Meiwes-Broer, Karl-Heinz; Seifert, Sonke; Hirata, Hirohito; Isomura, Noritake; Nigam, Sandeep; Majumder, Chiranjib; Watanabe, Yoshihide; Fortunelli, Alessandro; Vajda, Stefan  
SUBJECT Ultrananocluster catalysts  
SUBJECT carbon oxide oxidation  
*Journal of Materials Chemistry A* 5 (2017): 4923–4931.  
<https://dx.doi.org/10.1039/c6ta10989f>

### 3)-Au<sub>21</sub>S(SAdm)(15): An Anisotropic Gold Nanomolecule. Optical and Photoluminescence Spectroscopy and First-Principles Theoretical Analysis

Fortunelli, Alessandro; Sementa, Luca; Thanthirige, Viraj Dhanushka; Jones, Tanya C.; Stener, Mauro; Gagnon, Kevin J.; Dass, Amala; Ramakrishna, Guda  
SUBJECT monolayer protected clusters  
SUBJECT Optical spectrum  
SUBJECT anisotropic gold clusters  
*The journal of physical chemistry letters* 8 (2017): 457–462.  
<https://dx.doi.org/10.1021/acs.jpcllett.6b02810>

### 4)-Atomistic modelling of Si nanoparticles synthesis

Barcaro G.; Monti S.; Sementa L.; Carravetta V.  
SUBJECT Molecular dynamics  
SUBJECT Plasma synthesis  
SUBJECT Reactive force field  
SUBJECT Si nanoparticle  
SUBJECT Theoretical model  
*Crystals (Basel)* 7 (2017).  
<https://dx.doi.org/10.3390/cryst7020054>

### 5)-Tuning the functionalization degree of amylose and amylopectin with photochromic spiropyran by CuAAC reaction

David Barsi; Silvia Borsacchi; Lucia Calucci; Antonio Tarantino; Calogero Pinzino; Monica Bertoldo  
SUBJECT starch  
SUBJECT photochromic materials  
SUBJECT CuAAC  
*Polymer (Amsterdam, Online)* (2017).  
<https://dx.doi.org/10.1016/j.polymer.2017.05.046>

**6)-Au<sub>21</sub>S(SAdm)(15): Crystal Structure, Mass Spectrometry, Optical Spectroscopy, and First-Principles Theoretical Analysis**

Jones, Tanya C.; Sementa, Luca; Stener, Mauro; Gagnon, Kevin J.; Thanthirige, Viraj Dhanushka; Ramakrishna, Guda; Fortunelli, Alessandro; Dass, AmalaSUBJECTmonolayer-protected clustersSUBJECTmetal nanoclustersSUBJECTOptical responseSUBJECTtheorySUBJECTanisotropic nanoclusters  
*Journal of physical chemistry. C 121 (2017): 10865–10869.*  
<https://dx.doi.org/10.1021/acs.jpcc.6b12075>

**7)-Ligand-Enhanced Optical Response of Gold Nanomolecules and Its Fragment Projection Analysis: The Case of Au-30(SR)(18)**

Sementa, Luca; Barcaro, Giovanni; Baseggio, Oscar; De Vetta, Martina; Dass, Amala; Apra, Edoardo; Stener, Mauro; Fortunelli, AlessandroSUBJECTmonolayer-protected clustersSUBJECTmetal nanoclustersSUBJECTOptical responseSUBJECTOptical enhancement  
*Journal of physical chemistry. C 121 (2017): 10832–10842.*  
<https://dx.doi.org/10.1021/acs.jpcc.6b12029>

**8)-Magnetic Ordering in Gold Nanoclusters**

Mikhail Agrachev; Sabrina Antonello; Tiziano Dainese; Marco Ruzzi; Alfonso Zoleo; Edoardo Aprà; Niranjan Govind; Fortunelli, Alessandro; Luca Sementa; Flavio MaranSUBJECTspin-orbit couplingSUBJECTgold nanoclustersSUBJECTmonolayer-protected clusters  
*ACS omega 2 (2017): 2607–2617.*  
<https://dx.doi.org/10.1021/acsomega.7b00472>

**9)-Parametrization of a Reactive Force Field (ReaxFF) for Molecular Dynamics Simulations of Si Nanoparticles.**

Barcaro, Giovanni; Monti, Susanna; Sementa, Luca; Carravetta, VincenzoSUBJECTTheory Si nanoparticle REAX  
*Journal of chemical theory and computation (2017).*  
<https://dx.doi.org/10.1021/acs.jctc.7b00445>

**10)-Dynamical behavior of microgels of interpenetrated polymer networks.**

Nigro, Valentina; Angelini, Roberta; Bertoldo, Monica; Bruni, Fabio; Ricci, Maria Antonietta; Ruzicka, BarbaraSUBJECTPolymer Network  
*Soft matter (Online) (2017).*  
<https://dx.doi.org/10.1039/c7sm00739f>

**11)-Highly thermostable and crystalline poly(butylene adipate) bionanocomposites prepared by in situ polycondensation with organically modified Moroccan beidellite clay**

Ilsouk, Mohamed; Raihane, Mustapha; Castelvetro, Valter; Lahcini, Mohammed; Bronco, Simona; Rhouta, Benaissa; Bianchi, Sabrina; Conzatti, LuciaSUBJECTbionanocompositesSUBJECTbeidellite claySUBJECTpoly(butylene

adipate)SUBJECTin situ polycondensationSUBJECTstructure  
characterizationSUBJECTthermal properties  
*Polymer international 66 (2017): 939–949.*  
<https://dx.doi.org/10.1002/pi.5342>

### 12)-Core Size Interconversions of Au-30(S-tBu)(18) and Au-36(SPhX)(24)

Dass, Amala; Jones, Tanya C.; Theivendran, Shevanuja; Sementa, Luca; Fortunelli, AlessandroSUBJECTPROTECTED GOLD CLUSTERS; RAY CRYSTAL-STRUCTURE; THEORETICAL-ANALYSIS; NANOMOLECULES; THIOLATE; NANOCCLUSERS; AU-144(SCH<sub>2</sub>CH<sub>2</sub>PH)(60); TRANSFORMATION; NANOPARTICLES; CONVERSION  
*Journal of physical chemistry. C 121 (2017): 14914–14919.*  
<https://dx.doi.org/10.1021/acs.jpcc.7b03860>

### 13)-Core-Size Conversion of Au<sup>38</sup>(SCH<sup>2</sup>CH<sup>2</sup>Ph)<sup>24</sup> to Au<sup>30</sup>(S-tBu)<sup>18</sup> Nanomolecules

Rambukwella, Milan; Sementa, Luca; Fortunelli, Alessandro; Dass, AmalaSUBJECTTHEORETICAL-ANALYSIS; CRYSTAL-STRUCTURE; GOLD CLUSTERS; OPTICAL SPECTROSCOPY; NANOPARTICLES; THIOLATE; AU-144(SCH<sub>2</sub>CH<sub>2</sub>PH)(60); ELECTROCHEMISTRY; TRANSFORMATION; MOLECULES  
*Journal of physical chemistry. C 121 (2017): 14929–14935.*  
<https://dx.doi.org/10.1021/acs.jpcc.7b04201>

### 14)-Intense fluorescence of Au-20 (vol 147, 074301, 2017)

Yu, Chongqi; Harbich, Wolfgang; Sementa, Luca; Ghiringhelli, Luca; Apra, Edoardo; Stener, Mauro; Fortunelli, Alessandro; Brune, HaraldSUBJECTErrata Corrige  
*The Journal of chemical physics 147 (2017): 5001985.*  
<https://dx.doi.org/10.1063/1.5001985>

### 15)-Intense fluorescence of Au<sup>20</sup>

Yu, Chongqi; Harbich, Wolfgang; Sementa, Luca; Ghiringhelli, Luca; Aprá, Edoardo; Stener, Mauro; Fortunelli, Alessandro; Brune, HaraldSUBJECTGOLD NANOCCLUSERS; METAL-CLUSTERS; IN-VIVO; NANOPARTICLES; PHOTOLUMINESCENCE; APPROXIMATION; EXCHANGE; MATRICES; ORIGIN; AU<sub>2</sub>  
*The Journal of chemical physics 147 (2017): 074301.*  
<https://dx.doi.org/10.1063/1.4996687>

### 16)-Magnetic Ordering in Gold Nanoclusters (vol 2, pg 2607, 2017)

Agrachev, Mikhail; Antonello, Sabrina; Dainese, Tiziano; Ruzzi, Marco; Zoleo, Alfonso; Apra, Edoardo; Govind, Niranjana; Fortunelli, Alessandro; Sementa, Luca; Maran, FlavioSUBJECTMagnetic Ordering Gold Nanoclusters  
*ACS omega 2 (2017): 3595–3595.*  
<https://dx.doi.org/10.1021/acsomega.7b00895>

**17)-High-Field Electron Paramagnetic Resonance Reveals a Stable Glassy Fraction up to Melting in Semicrystalline Poly(dimethylsiloxane)**

Massa C.A.; Pizzanelli S.; Bercu V.; Pardi L.; Leporini D. SUBJECThigh-field electron paramagnetic resonance (HF-EPR)

*Applied magnetic resonance* 48 (2017): 827–840.

<https://dx.doi.org/10.1007/s00723-017-0903-z>

**18)-Local Reversible Melting in Semicrystalline Poly(dimethylsiloxane): A High-Field Electron Paramagnetic Resonance Study**

Massa C.A.; Pizzanelli S.; Bercu V.; Pardi L.; Leporini D. SUBJECThigh-field electron paramagnetic resonance (HF-EPR)

*Macromolecules (Online)* 50 (2017): 5061–5073.

<https://dx.doi.org/10.1021/acs.macromol.7b00627>

**19)-Dynamics and self-assembly of bio-functionalized gold nanoparticles in solution: Reactive molecular dynamics simulations**

Monti S.; Barcaro G.; Sementa L.; Carravetta V.; Ågren H. SUBJECTbiocompatibilitySUBJECTcross-

linkingSUBJECTfunctionalizationSUBJECTnanoparticleSUBJECTReaxFF

*Nano research (Online)* (2017): 1–11.

<https://dx.doi.org/10.1007/s12274-017-1704-2>

**20)-Characterization of the adsorption dynamics of trisodium citrate on gold in water solution**

Susanna Monti 1; Giovanni Barcaro 2; Luca Sementa 2; Vincenzo Carravetta 2; Hans Ågren 3SUBJECTcitric acidSUBJECTAuNP stabilizationSUBJECTReactive Force FieldSUBJECTSurface adsorption

*RSC advances* 7 (2017): 49655–49663.

<https://dx.doi.org/10.1039/c7ra10759e>

**21)-Swelling of responsive-microgels: experiments versus models**

Valentina Nigro; Roberta Angelini; Monica Bertoldo; Barbara RuzickaSUBJECTColloidal dispersionsSUBJECTMicrogelsSUBJECTSwelling behaviorSUBJECTDynamic light scattering  
*Colloids and surfaces. A, Physicochemical and engineering aspects (Print)* 532 (2017): 389–396.

<https://dx.doi.org/10.1016/j.colsurfa.2017.04.059>

**22)-Contribution of the rigid amorphous fraction to physical ageing of semi-crystalline PLLA**

Righetti, Maria Cristina; Gazzano, Massimo; Delpouve, Nicolas; Saiter, AllissonSUBJECTCrystallinitySUBJECTMobile amorphous fractionSUBJECTRigid amorphous fractionSUBJECTInterphaseSUBJECTStructural relaxation

*Polymer (Guildford)* 125 (2017): 241–253.

<https://dx.doi.org/10.1016/j.polymer.2017.07.089>

**23)-Effect of nucleating agents on crystallinity and properties of poly (lactic acid) (PTA)**

Aliotta, Laura; Cinelli, Patrizia; Coltelli, Maria Beatrice; Righetti, Maria Cristina; Gazzano, Massimo; Lazzeri, AndreaSUBJECTPoly(lactic acid)SUBJECTNucleating agentSUBJECTMechanical propertiesSUBJECTTakayanagi modelSUBJECTCrystallinity phases

*European Polymer Journal* 93 (2017): 822–832.

<https://dx.doi.org/10.1016/j.eurpolymj.2017.04.041>

**24)-Low-temperature crystallization of poly(butylene succinate)**

Di Lorenzo, Maria Laura; Androsch, Rene; Righetti, Maria CristinaSUBJECTPolymer crystallizationSUBJECTPoly(butylene succinate)SUBJECTThermal analysis

*European Polymer Journal* 94 (2017): 384–391.

<https://dx.doi.org/10.1016/j.eurpolymj.2017.07.025>

**25)-Nonadiabatic Renner-Teller quantum dynamics of OH(X-2 Pi) + H+ reactive collisions**

Gamallo, Pablo; Akpınar, Sinan; Defazio, Paolo; Petrongolo, CarloSUBJECTdinamica molecolare quantistica non adiabatica

*PCCP. Physical chemistry chemical physics (Print)* 19 (2017): 4454–4461.

<https://dx.doi.org/10.1039/c6cp07756k>

**26)-Dynamics of poly(vinyl butyral) studied using dielectric spectroscopy and 1H NMR relaxometry**

S. Pizzanelli; D. Prevosto; M. Labardi; T. Guazzini; S. Bronco; C. Forte; L. CalucciSUBJECTpoly(vinyl butyral) dielectric spectroscopy NMR relaxometry

*Physical chemistry chemical physics (Online)* 19 (2017): 31804.

<https://dx.doi.org/10.1039/c7cp02595e>

**27)-Direct Evidence of Relaxation Anisotropy Resolved by High Pressure in a Rigid and Planar Glass Former**

Tu; Wenkang; Valenti; Sofia; Ngai; K. L.; Capaccioli; Simone; Liu; Ying Dan; Wang; Li-MinSUBJECTSECONDARY RELAXATION; FORMING SYSTEMS; METALLIC-GLASS; IONIC LIQUID; TRANSITION; DYNAMICS; TOLUENE; TEMPERATURE; CRYSTALS; CLUSTERS

*The journal of physical chemistry letters* 8 (2017): 4341–4346.

<https://dx.doi.org/10.1021/acs.jpcllett.7b01837>

**28)-Design and development of a hybrid bioartificial water-induced shape memory polymeric material as an integral component for the anastomosis of human hollow organs**

Paonessa S.; Barbani N.; Rocchiotti E.C.; Giachino C.; Cristallini C.SUBJECTBowel; Anastomosis; Hydrogels; Poly(vinyl alcohol); Acetylsalicylic acid

*Materials science & engineering. C, Biomimetic materials, sensors and systems (Print)* 75 (2017): 1427–1434.

<https://dx.doi.org/10.1016/j.msec.2017.03.039>

**29)-Critical structural fluctuations of proteins upon thermal unfolding challenge the Lindemann criterion**

Katava; Marina; Stirnemann; Guillaume; Zanatta; Marco; Capaccioli; Simone; Pachetti; Maria; Ngai; K. L.; Sterpone; Fabio; Paciaroni; AlessandroSUBJECTneutron scattering; molecular dynamics simulation; protein dynamics; Lindemann criterion; cell thermal stability  
*Proceedings of the National Academy of Sciences of the United States of America* 114 (2017): 9361–9366.

<https://dx.doi.org/10.1073/pnas.1707357114>

**30)-Quantitative explanation of the enhancement of surface mobility of the metallic glass Pd40Cu30Ni10P20 by the Coupling Model**

Ngai; K. L.; Capaccioli; S.; Cao; C. R.; Bai; H. Y.; Wang; W. H.SUBJECTMetallic glass; Surface diffusion; Coupling model  
*Journal of non-crystalline solids* 463 (2017): 85–89.

<https://dx.doi.org/10.1016/j.jnoncrysol.2017.03.002>

**31)-Dynamics of hydrated proteins and bio-protectants: Caged dynamics, beta-relaxation, and alpha-relaxation**

Ngai; K. L.; Capaccioli; S.; Paciaroni; A.SUBJECTHydrated protein dynamics; Neutron scattering; Protein dynamical transition; Secondary relaxation of hydration water; Myoglobin; Lysozyme; Bovine serum albumin; Bio-protectants  
*Biochimica et biophysica acta. G, General subjects (Print)* 1861 (2017): 3553–3563.

<https://dx.doi.org/10.1016/j.bbagen.2016.04.027>

**32)-Molecularly imprinted polymers by phase inversion technique for the selective recognition of saccharides of biomedical interest in aqueous solutionsMolecularly imprinted polymers by phase inversion technique for the selective recognition of saccharides of biomedical interest in aqueous solutions**

Nicoletta Barbani; Elisabetta Rosellini; Marco Donati; Paolo Costantino; Caterina Cristallini; Gianluca CiardelliSUBJECTD-manno-octulosonate; vaccine purification  
*Polymer international (Online)* 66 (2017): 900–907.

<https://dx.doi.org/10.1002/pi.5334>

**33)-Design, fabrication and characterization of composite piezoelectric ultrafine fibers for cochlear stimulation**

Mota, Carlos; Labardi, Massimiliano; Trombi, Luisa; Astolfi, Laura; D'Acunto, Mario; Puppi, Dario; Gallone, Giuseppe; Chiellini, Federica; Berrettini, Stefano; Bruschini, Luca; Danti, SerenaSUBJECTElectrospinningSUBJECTBarium titanateSUBJECTPolyvinylidene fluorideSUBJECTAligned fibersSUBJECTNeural cellsSUBJECTTransducer  
*Materials & design* 122 (2017): 206–219.

<https://dx.doi.org/10.1016/j.matdes.2017.03.013>

**34)-Crystallization of Polymers Investigated by Temperature-Modulated DSC**

Righetti; Maria CristinaSUBJECTpolymerSUBJECTcrystallizationSUBJECTdifferential scanning calorimetrySUBJECTtemperature-modulated differential scanning calorimetrySUBJECTreversing meltingSUBJECTreversible meltingSUBJECTcrystalline fractionSUBJECTmobile amorphous fractionSUBJECTrigid amorphous fraction

*Materials (Basel) 10 (2017).*

<https://dx.doi.org/10.3390/ma10040442>

**35)-Endothermic features on heating of glasses show that the second glass to liquid transition of water was phenomenologically-mistaken**

Righetti, Maria Cristina; Tombari, Elpidio; Johari, G. P.SUBJECTGlass transitionSUBJECTWaterSUBJECTPolymerSUBJECTGlass phenomenology

*Thermochimica Acta 647 (2017): 101–110.*

<https://dx.doi.org/10.1016/j.tca.2016.11.011>

**36)-A push-pull silafluorene fluorophore for highly efficient luminescent solar concentrators**

Gianfaldoni, Federico; De Nisi, Francesca; Iasilli, Giuseppe; Panniello, Annamaria; Fanizza, Elisabetta; Striccoli, Marinella; Ryuse, Daiki; Shimizu, Masaki; Biver, Tarita; Pucci, AndreaSUBJECTsolar concentratorsSUBJECTFluorophores

*RSC advances 7 (2017): 37302–37309.*

<https://dx.doi.org/10.1039/c7ra08022k>

**37)-Ultrasound-activated piezoelectric P(VDF-TrFE)/boron nitride nanotube composite films promote differentiation of human SaOS-2 osteoblast-like cells**

Genchi G.G.; Sinibaldi E.; Ceseracciu L.; Labardi M.; Marino A.; Marras S.; De Simoni G.; Mattoli V.; Ciofani G.SUBJECTBoneSUBJECTBoron nitride nanotubesSUBJECTCell differentiationSUBJECTP(VDF-TrFE)SUBJECTPiezoelectricitySUBJECTUltrasounds

*Nanomedicine (Online) 14 (2017): 2421–2432.*

<https://dx.doi.org/10.1016/j.nano.2017.05.006>

**38)-Ab initio modelling of oxygen vacancy arrangement in highly defective HfO2 resistive layers**

Sementa; Luca; Larcher; Luca; Barcaro; Giovanni; Montorsi; MoniaSUBJECTMEMORYSUBJECTRRAM; DYNAMICS

*PCCP. Physical chemistry chemical physics (Print) 19 (2017): 11318–11325.*

<https://dx.doi.org/10.1039/c7cp01216k>

=====

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

### 1)-Electronic Structure of Oxide Ultrathin Layers on Metal Surfaces

Barcaro, Giovanni; Fortunelli, Alessandro SUBJECT Band gap SUBJECT Density functional theory (DFT) SUBJECT Density of states SUBJECT Hubbard Hamiltonian SUBJECT Metallization SUBJECT Polarity SUBJECT Reducible oxide SUBJECT Ruffling SUBJECT Stoichiometry Structure SUBJECT Surface dipole SUBJECT Work function

*Reference Module in Chemistry, Molecular Sciences and Chemical Engineering, 2017, edited by Klaus Wandelt. Amsterdam: Elsevier, 2017*

<https://dx.doi.org/10.1016/B978-0-12-409547-2.12887-2>

info:cnr-pdr/source/autori:Barcaro, Giovanni; Fortunelli, Alessandro/titolo:Electronic Structure of Oxide Ultrathin Layers on Metal Surfaces/titolo\_volume:Reference Module in Chemistry, Molecular Sciences and Chemical Engineering, 2017/curatori\_volume:Klaus Wandelt/editore:

/anno:2017

### 2)-DYNAMICS OF POLY(VINYL BUTYRAL) STUDIED BY DIELECTRIC SPECTROSCOPY AND <sup>1</sup>H NMR RELAXOMETRY

Silvia Pizzanelli; Daniele Prevosto; Massimiliano Labardi; Tommaso Guazzini; Simona Bronco; Claudia Forte; Lucia Calucci SUBJECT poly(vinyl butyral) SUBJECT dielectric spectroscopy SUBJECT <sup>1</sup>H NMR FFC relaxometry

*XLVI national Congress on Magnetic Resonance, Fisciano (Salerno), 27-29/09/2017*

<http://www.cnr.it/prodotto/i/376368>

info:cnr-pdr/source/autori:Silvia Pizzanelli, Daniele Prevosto, Massimiliano Labardi, Tommaso Guazzini, Simona Bronco, Claudia Forte, Lucia Calucci/congresso\_nome:XLVI national Congress on Magnetic Resonance/congresso\_luogo:Fisciano (Salerno)/congresso\_data:27-29/09/2017/anno:2017/pagina\_da:/pagina\_a:/intervallo\_pagine:

### 3)-Polymer dynamics and morphology in LDPE nanocomposites studied by NMR spectroscopy and relaxometry

PIZZANELLI, Silvia; CALUCCI, Lucia; MASSA, Carlo Andrea; FORTE, Claudia SUBJECT LDPE SUBJECT solid state NMR SUBJECT NMR relaxometry SUBJECT nanocomposite

*Multiscale phenomena in molecular matter, Cracovia, 3-6/07/2017*

<http://www.cnr.it/prodotto/i/376366>



info:cnr-pdr/source/autori:PIZZANELLI, Silvia; CALUCCI, Lucia; MASSA, Carlo Andrea; FORTE, Claudia/congresso\_nome:Multiscale phenomena in molecular matter/congresso\_luogo:Cracovia/congresso\_data:3-6/07/2017/anno:2017/pagina\_da:/pagina\_a:/intervallo\_pagine:

#### **4)-Reductive Amination Vs "Click" Reaction On The Grafting Of Polysaccharides Onto Janus Silica**

D. Barsi; A. Bianchi; M. Corricelli; M. L. Curri; A. Farah; M. BertoldoSUBJECTnanomaterialsSUBJECTJanus particlesSUBJECTpolysaccharides  
*European Polymer Conference 2017, Lione (Fr), 02/07/2017, 07/07/2017*

<http://www.cnr.it/prodotto/i/377521>

info:cnr-pdr/source/autori:D. Barsi; A. Bianchi; M. Corricelli; M. L. Curri; A. Farah; M. Bertoldo/congresso\_nome:European Polymer Conference 2017/congresso\_luogo:Lione (Fr)/congresso\_data:02/07/2017, 07/07/2017/anno:2017/pagina\_da:/pagina\_a:/intervallo\_pagine:

#### **5)-Thermodynamic and dynamic of concentrated PNIPAM microgels**

Elena Burattia; Andrea Orecchini; Marco Zanatta; Emanuela Zaccarelli; Monica BertoldoSUBJECTMicrogelsSUBJECTneutron scatteringSUBJECTDSC  
*European Polymer Conference 2017 (EPF 2017), Lyon, 02/07/2017, 07/07/2017*

<http://www.cnr.it/prodotto/i/377522>

info:cnr-pdr/source/autori:Elena Burattia; Andrea Orecchini; Marco Zanatta; Emanuela Zaccarelli; Monica Bertoldo/congresso\_nome:European Polymer Conference 2017 (EPF 2017)/congresso\_luogo:Lyon/congresso\_data:02/07/2017, 07/07/2017/anno:2017/pagina\_da:/pagina\_a:/intervallo\_pagine: