

M Arturo Lopez-Quintela

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

298
papers

12,190
citations

57
h-index

101
g-index

317
ext. papers

13,011
ext. citations

4.6
avg, IF

6.22
L-index

#	Paper	IF	Citations
298	Tuning the surface states of TiO ₂ using Cu ₅ atomic clusters. <i>Applied Surface Science</i> , 2022 , 153455	6.7	0
297	S/In molar ratio effect on the photoconductivity of the sprayed In ₂ S ₃ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 27995	2.1	0
296	A Simple Entropic-Driving Separation Procedure of Low-Size Silver Clusters, Through Interaction with DNA. <i>ChemistryOpen</i> , 2021 , 10, 760-763	2.3	
295	Insight into the surface composition of bimetallic nanocatalysts obtained from microemulsions. <i>Journal of Colloid and Interface Science</i> , 2021 , 602, 367-375	9.3	1
294	Investigation of the effect of S/In molar ratio on physical properties of sprayed InS thin films.. <i>RSC Advances</i> , 2020 , 10, 21180-21190	3.7	1
293	Exploring the properties of Ag ₅ /TiO ₂ interfaces: stable surface polaron formation, UV-Vis optical response, and CO ₂ photoactivation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 6842-6853	13	8
292	Enhanced Photocatalytic Activity of Semiconductor Nanocomposites Doped with Ag Nanoclusters Under UV and Visible Light. <i>Catalysts</i> , 2020 , 10, 31	4	6
291	Tailored surface composition of Au/Pt nanocatalysts synthesized in microemulsions: a simulation study.. <i>RSC Advances</i> , 2020 , 10, 42277-42286	3.7	1
290	Elucidation of the Average Molecular Structure of Argentinian Asphaltenes. <i>Energy & Fuels</i> , 2019 , 33, 2950-2960	4.1	11
289	Using Silver Nanoclusters as a New Tool in Nanotechnology: Synthesis and Photocorrosion of Different Shapes of Gold Nanoparticles. <i>Journal of Chemical Education</i> , 2019 , 96, 558-564	2.4	6
288	On the Stability of Cu Catalysts in Air Using Multireference Perturbation Theory. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 27064-27072	3.8	6
287	Increasing the optical response of TiO and extending it into the visible region through surface activation with highly stable Cu clusters. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 7489-7500	13	20
286	Synthesis of Pt/M (M = Au, Rh) Nanoparticles in Microemulsions: Controlling the Metal Distribution in Pt/M Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 2503-2513	3.9	6
285	PROPERTIES OF LOW-LEVEL Sn-DOPED In ₂ S ₃ FILMS DEPOSITED BY SPRAY PYROLYSIS TECHNIQUE. <i>Surface Review and Letters</i> , 2019 , 26, 1850126	1.1	3
284	Synthesis of nickel entities: From highly stable zerovalent nanoclusters to nanowires. Growth control and catalytic behavior. <i>Journal of Colloid and Interface Science</i> , 2018 , 516, 371-378	9.3	4
283	The effects of doping type on structural and electrical properties of silicon nanocrystals layers grown by plasma enhanced chemical vapor deposition. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 11000-11012	2.1	2
282	A new procedure to synthesis of ZnS _{1-x} Sex nanoparticles by a facile solvothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 10656-10662	2.1	6

281	Bimetallic nanoparticles synthesized in microemulsions: A computer simulation study on relationship between kinetics and metal segregation. <i>Journal of Colloid and Interface Science</i> , 2018 , 510, 152-161	9.3	10
280	Electrochemical study of UV erosion of Au nanorods by silver nanoclusters (NCs) allows the construction of a NC-sensitized photovoltaic cell. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 1641-1648	3.3	1
279	Slowing Down Kinetics in Microemulsions for Nanosegregation Control: A Simulation Study. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 20006-20018	3.8	5
278	Nanomedicine: Silver Atomic Quantum Clusters of Three Atoms for Cancer Therapy: Targeting Chromatin Compaction to Increase the Therapeutic Index of Chemotherapy (Adv. Mater. 33/2018). <i>Advanced Materials</i> , 2018 , 30, 1870249	24	
277	From Nano- to Angstrom Technology 2018 , 1-30		
276	Silver Atomic Quantum Clusters of Three Atoms for Cancer Therapy: Targeting Chromatin Compaction to Increase the Therapeutic Index of Chemotherapy. <i>Advanced Materials</i> , 2018 , 30, e180131	7.4	14
275	Quantitative histochemistry for macrophage biodistribution on mice liver and spleen after the administration of a pharmacological-relevant dose of polyacrylic acid-coated iron oxide nanoparticles. <i>Nanotoxicology</i> , 2017 , 11, 256-266	5.3	13
274	Conductive nonwetting flexible substrate. <i>Organic Electronics</i> , 2017 , 46, 247-252	3.5	4
273	Study of the antibacterial and catalytic activity of silver colloids synthesized using the fruit of <i>Sapindus mukorossi</i> . <i>New Journal of Chemistry</i> , 2017 , 41, 10703-10711	3.6	18
272	Novel synthetic routes of large-pore magnetic mesoporous nanocomposites (SBA-15/FeO) as potential multifunctional theranostic nanodevices. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 9395-9404	7.3	24
271	Controlled solvothermal synthesis and properties of Cu ₂ SnS ₃ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 3090-3097	2.1	3
270	On Metal Segregation of Bimetallic Nanocatalysts Prepared by a One-Pot Method in Microemulsions. <i>Catalysts</i> , 2017 , 7, 68	4	11
269	Synthesis of catalytically active gold clusters on the surface of Fe ₃ O ₄ @SiO ₂ nanoparticles. <i>RSC Advances</i> , 2016 , 6, 100614-100622	3.7	8
268	Relevant Parameters for Magnetic Hyperthermia in Biological Applications: Agglomeration, Concentration, and Viscosity. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-4	2	9
267	Synthesis of Highly Stable Surfactant-free Cu ₅ Clusters in Water. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 15902-15908	3.8	34
266	Gold nanorod synthesis catalysed by Au clusters. <i>Faraday Discussions</i> , 2016 , 191, 205-213	3.6	11
265	Multicore Magnetic Fe ₃ O ₄ @C Beads With Enhanced Magnetic Response for MRI in Brain Biomedical Applications. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-4	2	10
264	Preparation and characterization of crosslinked chitosan/gelatin scaffolds by ice segregation induced self-assembly. <i>Carbohydrate Polymers</i> , 2016 , 141, 175-83	10.3	96

263	Magnetic nanocomposites based on mesoporous silica for biomedical applications. <i>International Journal of Nanotechnology</i> , 2016 , 13, 648	1.5	8
262	Biodistribution of polyacrylic acid-coated iron oxide nanoparticles is associated with proinflammatory activation and liver toxicity. <i>Journal of Applied Toxicology</i> , 2016 , 36, 1321-31	4.1	20
261	Some physical investigations on In ₂ S ₃ :Sn sprayed thin film. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 11556-11564	2.1	4
260	Anisotropic nanoparticles: general discussion. <i>Faraday Discussions</i> , 2016 , 191, 229-254	3.6	5
259	Applications: general discussion. <i>Faraday Discussions</i> , 2016 , 191, 565-595	3.6	
258	Experiments on In ₂ S ₃ :Sn Thin Films with up to 1% Tin Content. <i>Journal of Electronic Materials</i> , 2016 , 45, 5936-5947	1.9	8
257	Large stability and high catalytic activities of sub-nm metal (0) clusters: implications into the nucleation and growth theory. <i>Journal of Colloid and Interface Science</i> , 2015 , 449, 279-85	9.3	6
256	Copolymers with acetyl-protected thiol pendant groups as highly efficient stabilizing agents for gold surfaces. <i>RSC Advances</i> , 2015 , 5, 13722-13726	3.7	1
255	Interaction of silver atomic quantum clusters with living organisms: bactericidal effect of Ag clusters mediated by disruption of topoisomerase-DNA complexes. <i>Chemical Science</i> , 2015 , 6, 6717-6724	9.4	20
254	Substrate temperature effect on properties of sprayed In ₂ S ₃ films. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7639-7648	2.1	14
253	Polyacrylic acid-coated and non-coated iron oxide nanoparticles induce cytokine activation in human blood cells through TAK1, p38 MAPK and JNK pro-inflammatory pathways. <i>Archives of Toxicology</i> , 2015 , 89, 1759-69	5.8	21
252	Study of Optical and Electrical Properties of In ₂ S ₃ :Sn Films Deposited by Spray Pyrolysis. <i>Journal of Electronic Materials</i> , 2015 , 44, 2536-2543	1.9	21
251	Influence of annealing temperature on the properties of In ₂ S ₃ :Sn films deposited by spray pyrolysis. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 5774-5782	2.1	10
250	Self-Assembly of Silver Metal Clusters of Small Atomicity on Cyclic Peptide Nanotubes. <i>ACS Nano</i> , 2015 , 9, 10834-43	16.7	38
249	Understanding the Metal Distribution in Core-Shell Nanoparticles Prepared in Micellar Media. <i>Nanoscale Research Letters</i> , 2015 , 10, 1048	5	10
248	Ag ₂ and Ag ₃ clusters: synthesis, characterization, and interaction with DNA. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7612-6	16.4	47
247	Iron Oxide Based Nanoparticles for Magnetic Hyperthermia Strategies in Biological Applications. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4495-4509	2.3	42
246	Ag ₂ and Ag ₃ Clusters: Synthesis, Characterization, and Interaction with DNA. <i>Angewandte Chemie</i> , 2015 , 127, 7722-7726	3.6	3

245	Core-Shell Nanocatalysts Obtained in Reverse Micelles: Structural and Kinetic Aspects. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-10	3.2	3
244	Transformation of Gold Nanorods in Liquid Media Induced by nIR, Visible, and UV Laser Irradiation. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 13343-13349	3.8	11
243	Synthesis of water-soluble gold clusters in nanosomes displaying robust photoluminescence with very large Stokes shift. <i>Journal of Colloid and Interface Science</i> , 2015 , 455, 154-62	9.3	16
242	Controlling Bimetallic Nanostructures by the Microemulsion Method with Subnanometer Resolution Using a Prediction Model. <i>Langmuir</i> , 2015 , 31, 7435-9	4	17
241	Photostability of gold nanoparticles with different shapes: the role of Ag clusters. <i>Nanoscale</i> , 2015 , 7, 11273-9	7.7	45
240	Polyacrylic acid coated and non-coated iron oxide nanoparticles are not genotoxic to human T lymphocytes. <i>Toxicology Letters</i> , 2015 , 234, 67-73	4.4	24
239	On the Investigation of the Droplet-Droplet Interactions of Sodium 1,4-Bis(2-ethylhexyl) Sulfosuccinate Reverse Micelles upon Changing the External Solvent Composition and Their Impact on Gold Nanoparticle Synthesis. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2095-2102	2.3	34
238	Green emitter copper clusters as highly efficient and reusable visible degradation photocatalysts. <i>Small</i> , 2014 , 10, 3632-6	11	37
237	Interaction of polyacrylic acid coated and non-coated iron oxide nanoparticles with human neutrophils. <i>Toxicology Letters</i> , 2014 , 225, 57-65	4.4	44
236	Cage-like effect in Au-Pt nanoparticle synthesis in microemulsions: a simulation study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19720-31	3.6	16
235	Critical Size Range of Sub-Nanometer Au Clusters for the Catalytic Activity in the Hydrogen Oxidation Reaction. <i>Journal of the Electrochemical Society</i> , 2014 , 161, D3113-D3115	3.9	15
234	Structure-directing and high-efficiency photocatalytic hydrogen production by Ag clusters. <i>Journal of the American Chemical Society</i> , 2014 , 136, 1182-5	16.4	62
233	Copper clusters as novel fluorescent probes for the detection and photocatalytic elimination of lead ions. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 26427-30	3.6	19
232	Superparamagnetic nanocomposites obtained by dispersion of ultrafine magnetic iron oxide nanoparticles in poly(3-hydroxybutyrate). <i>European Polymer Journal</i> , 2014 , 55, 160-169	5.2	1
231	Metallic Clusters: Theoretical Background, Properties and Synthesis in Microemulsions. <i>Catalysts</i> , 2014 , 4, 356-374	4	34
230	CHAPTER 8: Metal(0) Clusters in Catalysis. <i>RSC Smart Materials</i> , 2014 , 226-260	0.6	5
229	Durability of an industrial epoxy vinyl ester resin used for the fabrication of a contemporary art sculpture. <i>Polymer Degradation and Stability</i> , 2014 , 107, 277-284	4.7	13
228	Magnetic Nanoparticles for Biomedical Applications 2014 , 457-493		7

227	CHAPTER 2: New Strategies and Synthetic Routes to Synthesize Fluorescent Atomic Quantum Clusters. <i>RSC Smart Materials</i> , 2014 , 25-50	0.6	11
226	Exceptional oxidation activity with size-controlled supported gold clusters of low atomicity. <i>Nature Chemistry</i> , 2013 , 5, 775-81	17.6	322
225	A modifier that enables the easy dispersion of alkyl-coated nanoparticles in an epoxy network. <i>Colloid and Polymer Science</i> , 2013 , 291, 1677-1682	2.4	3
224	Structural and magnetic behavior of ferrogels obtained by freezing thawing of polyvinyl alcohol/poly(acrylic acid) (PAA)-coated iron oxide nanoparticles. <i>European Polymer Journal</i> , 2013 , 49, 279-289	5.2	38
223	Air-stable Fe@Au nanoparticles synthesized by the microemulsion methods. <i>Journal of the Korean Physical Society</i> , 2013 , 62, 1376-1381	0.6	4
222	Thermal annealing as an easy tool for the controlled arrangement of gold nanoparticles in block-copolymer thin films. <i>Nanotechnology</i> , 2013 , 24, 255304	3.4	7
221	Single step electrochemical synthesis of hydrophilic/hydrophobic Ag ₅ and Ag ₆ blue luminescent clusters. <i>Nanoscale</i> , 2012 , 4, 7632-5	7.7	37
220	Directional freezing of liquid crystalline systems: from silver nanowire/PVA aqueous dispersions to highly ordered and electrically conductive macroporous scaffolds. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9195		35
219	Superparamagnetic Nanocomposites Based on the Dispersion of Oleic Acid-Stabilized Magnetite Nanoparticles in a Diglycidylether of Bisphenol A-Based Epoxy Matrix: Magnetic Hyperthermia and Shape Memory. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 13421-13428	3.8	66
218	Magnetic nanoparticles for application in cancer therapy. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 3499-3502	2.8	59
217	Size Dependent Catalytic Activity of Reusable Subnanometer Copper(0) Clusters. <i>ACS Catalysis</i> , 2012 , 2, 1693-1697	13.1	90
216	The influence of colloidal parameters on the specific power absorption of PAA-coated magnetite nanoparticles. <i>Nanoscale Research Letters</i> , 2011 , 6, 383	5	113
215	Mn ferrite nanoparticles via reverse microemulsions: synthesis and characterization. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 3063-3073	2.3	15
214	Finite size and surface effects on the magnetic properties of cobalt ferrite nanoparticles. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 1663-1676	2.3	169
213	Plastic matters: an analytical procedure to evaluate the degradability of contemporary works of art. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 2939-48	4.4	25
212	A combination of hard and soft templating for the fabrication of silica hollow microcoils with nanostructured walls. <i>Nanoscale Research Letters</i> , 2011 , 6, 330	5	7
211	Characterization of perylene diimide dye self-assemblies and their use as templates for the synthesis of hybrid and supermicroporous nanotubules. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 4133-41	9.5	23
210	Questionable collapse of the bulk modulus in CrN. <i>Nature Materials</i> , 2010 , 9, 284-284	27	2

209	Si QDots: Where Does Photoluminescence Come From? 2010 , 135-144		
208	Mesophase Morphologies of Silicone Block Copolymers in a Selective Solvent Studied by SAXS 2010 , 161-174		
207	Electrochemical Synthesis of Very Stable Photoluminescent Copper Clusters. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 15924-15930	3.8	166
206	Functional nanocomposites based on the infusion or in situ generation of nanoparticles into amphiphilic epoxy gels. <i>Journal of Materials Chemistry</i> , 2010 , 20, 10135		13
205	Optically Active Magnetic Composites with Responsive Silica Shells. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 7743-7750	3.8	10
204	Synthesis of gold-coated iron oxide nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 1233-1235	9	22
203	Silver sub-nanoclusters electrocatalyze ethanol oxidation and provide protection against ethanol toxicity in cultured mammalian cells. <i>Journal of the American Chemical Society</i> , 2010 , 132, 6947-54	16.4	30
202	One step synthesis of the smallest photoluminescent and paramagnetic PVP-protected gold atomic clusters. <i>Nano Letters</i> , 2010 , 10, 4217-21	11.5	152
201	High-pressure magnetic and structural properties of TiOX (X=Cl, Br). <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1069-1071	2.8	
200	Soft-templating approach for the synthesis of high surface area and superparamagnetic mesoporous iron oxide materials. <i>Microporous and Mesoporous Materials</i> , 2010 , 131, 373-377	5.3	38
199	Percolation threshold and scattering power law of gelatin gels. <i>Physical Review E</i> , 2009 , 79, 041409	2.4	5
198	Magnetocrystalline interactions in MnCr ₂ O ₄ spinel. <i>Physical Review B</i> , 2009 , 80,	3.3	46
197	Advanced hybrid nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 3684-8	1.3	8
196	Micellization phenomena in semicrystalline block copolymers: reflexive and critical views on the formation of cylindrical micelles. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1785-91	4.8	44
195	Reduction of the bulk modulus at high pressure in CrN. <i>Nature Materials</i> , 2009 , 8, 947-51	27	135
194	Mesoporous silica from reverse lyotropic liquid crystals: A novel approach. <i>Microporous and Mesoporous Materials</i> , 2009 , 119, 338-343	5.3	7
193	Simulation of the kinetics of nanoparticle formation in microemulsions. <i>Journal of Colloid and Interface Science</i> , 2009 , 333, 741-8	9.3	29
192	Synthesis and characterization of gold atomic clusters by the two-phase method. <i>European Physical Journal D</i> , 2009 , 52, 23-26	1.3	9

191	On the Structure of Bimetallic Nanoparticles Synthesized in Microemulsions. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 19145-19154	3.8	26
190	Hierarchical assemblies of gold nanoparticles at the surface of a film formed by a bridged silsesquioxane containing pendant dodecyl chains. <i>Langmuir</i> , 2009 , 25, 1210-7	4	21
189	Enhanced dimerization of TiOCl under pressure: spin-Peierls to Peierls transition. <i>Physical Review Letters</i> , 2009 , 102, 056406	7.4	21
188	Competing magnetism and superconductivity in Na(x)CoO ₂ at half doping. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9632-3	16.4	7
187	Synthesis of small atomic copper clusters in microemulsions. <i>Langmuir</i> , 2009 , 25, 8208-16	4	128
186	Synthesis of atomic gold clusters with strong electrocatalytic activities. <i>Langmuir</i> , 2008 , 24, 12690-4	4	51
185	Structure and properties of self-assembled fluorocarbon-silica nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 1074-1079	3.9	3
184	Synthesis and characterization of CoFe ₂ O ₄ /PVP nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 5236-5237	3.9	12
183	Influence of the nanoparticle size on the blocking temperature of interacting systems: Monte Carlo simulations. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 5222-5223	3.9	17
182	Effect of Submicrometer Clustering on the Magnetic Properties of Free-Standing Superparamagnetic Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 13099-13104	3.8	30
181	Self-Assembly of Gold Nanoparticles as Colloidal Crystals Induced by Polymerization of Amphiphilic Monomers. <i>Macromolecules</i> , 2008 , 41, 4895-4903	5.5	33
180	Formation of gold branched plates in diluted solutions of poly(vinylpyrrolidone) and their use for the fabrication of near-infrared-absorbing films and coatings. <i>Langmuir</i> , 2008 , 24, 983-90	4	32
179	One-pot preparation of gold-elastomer nanocomposites using PDMS-graft-PEO copolymer micelles as nanoreactors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008 , 205, 1455-1459	1.6	25
178	Magnetocaloric effect and size-dependent study of the magnetic properties of cobalt ferrite nanoparticles prepared by solvothermal synthesis. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008 , 205, 1358-1362	1.6	20
177	Cylindrical Micelles from the Self-Assembly of Polyacrylonitrile-Based Diblock Copolymers in Nonpolar Selective Solvents. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 352-357	4.8	80
176	Magnetic Relaxation of Fe ₂ O ₃ Nanoparticles Arrangements and Electronic Phase-Segregated Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 2883-2890	1.3	9
175	Tunable Polyacrylonitrile-Based Micellar Aggregates as a Potential Tool for the Fabrication of Carbon Nanofibers. <i>Chemistry of Materials</i> , 2007 , 19, 5818-5820	9.6	57
174	Formation and properties of reverse micellar cubic liquid crystals and derived emulsions. <i>Langmuir</i> , 2007 , 23, 11007-14	4	24

173	Enhanced pressure dependence of magnetic exchange in $A_2+[V_2]O_4$ spinels approaching the itinerant electron limit. <i>Physical Review Letters</i> , 2007 , 99, 187201	7.4	51
172	Facile synthesis of stable subnanosized silver clusters in microemulsions. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8823-7	16.4	72
171	Mesostructured fluorocarbon-silica hybrid materials with a low dielectric constant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 298, 284-286	5.1	7
170	Synthesis of Ag clusters in microemulsions: A time-resolved UV-vis and fluorescence spectroscopy study. <i>Physica B: Condensed Matter</i> , 2007 , 398, 273-277	2.8	30
169	Unusual formation of small aggregates by mixing giant multilamellar vesicles. <i>Journal of Colloid and Interface Science</i> , 2007 , 312, 108-113	9.3	5
168	Self-assembly of Co-based nanosheets into novel nest-shaped nanostructures: Synthesis and characterization. <i>Journal of Colloid and Interface Science</i> , 2007 , 305, 339-44	9.3	13
167	Penetration of metallic nanoparticles in human full-thickness skin. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 1701-12	4.3	325
166	Concentrated reverse micelles in a random graft block copolymer system: structure and in-situ synthesis of silver nanoparticles. <i>Colloid and Polymer Science</i> , 2007 , 285, 673-680	2.4	18
165	VO: A strongly correlated metal close to a Mott-Hubbard transition. <i>Physical Review B</i> , 2007 , 76,	3.3	15
164	Synthesis of silver-coated magnetite nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2007 , 353, 829-831	3.9	63
163	Control on the dispersion of gold nanoparticles in an epoxy network. <i>Journal of Non-Crystalline Solids</i> , 2007 , 353, 826-828	3.9	19
162	Surface Plasmon Resonance in Gold/Magnetite Nanoparticulated Layers onto Planar Substrates. <i>Sensor Letters</i> , 2007 , 5, 113-117	0.9	3
161	Magnetic properties of Co/Ag core/shell nanoparticles prepared by successive reactions in microemulsions. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 300, 185-191	2.8	12
160	Assembly of subnanometric 2D Pt nanoislands in parallel rows onto Au(111) by self-organization of Pt clusters. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4266-9	16.4	18
159	Self-assembly: a minimalist route to the fabrication of nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 892-905	1.3	55
158	Possible quantum criticality in $NaxCoO_2$. <i>Physical Review B</i> , 2006 , 73,	3.3	6
157	Synthesis and characterization of large colloidal cobalt particles. <i>Langmuir</i> , 2006 , 22, 1455-8	4	49
156	Bifunctional Gold-Coated Magnetic Silica Spheres. <i>Chemistry of Materials</i> , 2006 , 18, 2701-2706	9.6	145

155	One-step synthesis of gold and silver hydrosols using poly(N-vinyl-2-pyrrolidone) as a reducing agent. <i>Langmuir</i> , 2006 , 22, 7027-34	4	271
154	In vivo cell imaging with semiconductor quantum dots and noble metal nanodots 2006 ,		2
153	Functionalization of atomic cobalt clusters obtained by electrochemical methods. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 1223-1228	1.6	
152	Electrochemical synthesis and stabilization of cobalt nanoparticles. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 1234-1240	1.6	14
151	Synthesis of monodisperse maghemite nanoparticles by the microemulsion method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006 , 288, 44-51	5.1	182
150	Solvothermal synthesis and characterisation of La _{1-x} AxMnO ₃ nanoparticles. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 3229-3237	3.3	27
149	Interacción electrón-fonón en manganitas: efecto en el transporte eléctrico y en la magnetización. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2006 , 45, 175-177	1.9	2
148	Kinetics and mechanism of the formation of Ag nanoparticles by electrochemical techniques: a plasmon and cluster time-resolved spectroscopic study. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 1183-1191	3.4	50
147	Wormlike micelles and microemulsions in aqueous mixtures of sucrose esters and nonionic cosurfactants. <i>Journal of Colloid and Interface Science</i> , 2005 , 291, 560-9	9.3	54
146	A computer simulation study on the influence of the critical nucleus on the mechanism of formation of nanoparticles in microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 270-271, 78-82	5.1	9
145	Effects of the reaction rate on the size control of nanoparticles synthesized in microemulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 270-271, 83-87	5.1	32
144	MC simulation of a physical gel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 270-271, 205-212	5.1	3
143	Role of Doping and Dimensionality in the Superconductivity of NaxCoO ₂ . <i>Chemistry of Materials</i> , 2005 , 17, 1965-1968	9.6	34
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