

M Arturo LÃ³pez-Quintela

List of Publications by Year in descending order

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308
papers

13,850
citations

20759

60
h-index

26548

107
g-index

317
all docs

317
docs citations

317
times ranked

14878
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the surface states of TiO ₂ using Cu ₅ atomic clusters. Applied Surface Science, 2022, 594, 153455.	3.1	7
2	A Simple Entropic-Driven Separation Procedure of Low-Size Silver Clusters, Through Interaction with DNA. ChemistryOpen, 2021, 10, 760-763.	0.9	0
3	Insight into the surface composition of bimetallic nanocatalysts obtained from microemulsions. Journal of Colloid and Interface Science, 2021, 602, 367-375.	5.0	3
4	S/In molar ratio effect on the photoconductivity of the sprayed In ₂ S ₃ thin films. Journal of Materials Science: Materials in Electronics, 2021, 32, 27995-28006.	1.1	2
5	Enhanced Photocatalytic Activity of Semiconductor Nanocomposites Doped with Ag Nanoclusters Under UV and Visible Light. Catalysts, 2020, 10, 31.	1.6	11
6	Tailored surface composition of Au/Pt nanocatalysts synthesized in microemulsions: a simulation study. RSC Advances, 2020, 10, 42277-42286.	1.7	2
7	Investigation of the effect of S/In molar ratio on physical properties of sprayed In ₂ S ₃ thin films. RSC Advances, 2020, 10, 21180-21190.	1.7	7
8	Exploring the properties of Ag ₅ -TiO ₂ interfaces: stable surface polaron formation, UV-Vis optical response, and CO ₂ photoactivation. Journal of Materials Chemistry A, 2020, 8, 6842-6853.	5.2	26
9	On the Stability of Cu ₅ Catalysts in Air Using Multireference Perturbation Theory. Journal of Physical Chemistry C, 2019, 123, 27064-27072.	1.5	12
10	Elucidation of the Average Molecular Structure of Argentinian Asphaltenes. Energy & Fuels, 2019, 33, 2950-2960.	2.5	31
11	Using Silver Nanoclusters as a New Tool in Nanotechnology: Synthesis and Photocorrosion of Different Shapes of Gold Nanoparticles. Journal of Chemical Education, 2019, 96, 558-564.	1.1	9
12	Increasing the optical response of TiO ₂ and extending it into the visible region through surface activation with highly stable Cu ₅ clusters. Journal of Materials Chemistry A, 2019, 7, 7489-7500.	5.2	35
13	On the minimum reactant concentration required to prepare Au/M core-shell nanoparticles by the one-pot microemulsion route. Physical Sciences Reviews, 2019, 5, .	0.8	0
14	Synthesis of Pt/M (M = Au, Rh) Nanoparticles in Microemulsions: Controlling the Metal Distribution in Pt/M Catalysts. Industrial & Engineering Chemistry Research, 2019, 58, 2503-2513.	1.8	6
15	PROPERTIES OF LOW-LEVEL Sn-DOPED In ₂ S ₃ FILMS DEPOSITED BY SPRAY PYROLYSIS TECHNIQUE. Surface Review and Letters, 2019, 26, 1850126.	0.5	4
16	Synthesis of nickel entities: From highly stable zerovalent nanoclusters to nanowires. Growth control and catalytic behavior. Journal of Colloid and Interface Science, 2018, 516, 371-378.	5.0	4
17	The effects of doping type on structural and electrical properties of silicon nanocrystals layers grown by plasma enhanced chemical vapor deposition. Journal of Materials Science: Materials in Electronics, 2018, 29, 11000-11012.	1.1	3
18	A new procedure to synthesis of ZnS _{1-x} Se _x nanoparticles by a facile solvothermal method. Journal of Materials Science: Materials in Electronics, 2018, 29, 10656-10662.	1.1	7

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19	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.	5.0	16
20	From Nano- to Angstrom Technology. , 2018, , 1-30.		0
21	Microemulsions as Nanoreactors to Obtain Bimetallic Nanoparticles. , 2018, , .		1
22	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, e1801317.	11.1	20
23	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.	1.6	1
24	Slowing Down Kinetics in Microemulsions for Nanosegregation Control: A Simulation Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20006-20018.	1.5	6
25	Nanomedicine: Silver Atomic Quantum Clusters of Three Atoms for Cancer Therapy: Targeting Chromatin Compaction to Increase the Therapeutic Index of Chemotherapy (<i>Adv. Mater.</i> 33/2018). <i>Advanced Materials</i> , 2018, 30, 1870249.	11.1	0
26	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.	1.6	15
27	Conductive nonwetting flexible substrate. <i>Organic Electronics</i> , 2017, 46, 247-252.	1.4	4
28	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.	1.4	22
29	Novel synthetic routes of large-pore magnetic mesoporous nanocomposites (SBA-15/Fe ₃ O ₄) as potential multifunctional theranostic nanodevices. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9395-9404.	2.9	29
30	Controlled solvothermal synthesis and properties of Cu ₂ SnS ₃ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3090-3097.	1.1	3
31	On Metal Segregation of Bimetallic Nanocatalysts Prepared by a One-Pot Method in Microemulsions. <i>Catalysts</i> , 2017, 7, 68.	1.6	15
32	Magnetic nanocomposites based on mesoporous silica for biomedical applications. <i>International Journal of Nanotechnology</i> , 2016, 13, 648.	0.1	8
33	Biodistribution of polyacrylic acid-coated iron oxide nanoparticles is associated with proinflammatory activation and liver toxicity. <i>Journal of Applied Toxicology</i> , 2016, 36, 1321-1331.	1.4	29
34	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.	1.1	5
35	Anisotropic nanoparticles: general discussion. <i>Faraday Discussions</i> , 2016, 191, 229-254.	1.6	8
36	Applications: general discussion. <i>Faraday Discussions</i> , 2016, 191, 565-595.	1.6	0

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37	Experiments on In ₂ S ₃ :Sn Thin Films with up to 1% Tin Content. Journal of Electronic Materials, 2016, 45, 5936-5947.	1.0	11
38	Synthesis of catalytically active gold clusters on the surface of Fe ₃ O ₄ @SiO ₂ nanoparticles. RSC Advances, 2016, 6, 100614-100622.	1.7	11
39	Relevant Parameters for Magnetic Hyperthermia in Biological Applications: Agglomeration, Concentration, and Viscosity. IEEE Transactions on Magnetics, 2016, 52, 1-4.	1.2	9
40	Synthesis of Highly Stable Surfactant-free Cu ₅ Clusters in Water. Journal of Physical Chemistry C, 2016, 120, 15902-15908.	1.5	53
41	Gold nanorod synthesis catalysed by Au clusters. Faraday Discussions, 2016, 191, 205-213.	1.6	14
42	Multicore Magnetic Fe ₃ O ₄ @C Beads With Enhanced Magnetic Response for MRI in Brain Biomedical Applications. IEEE Transactions on Magnetics, 2016, 52, 1-4.	1.2	13
43	Preparation and characterization of crosslinked chitosan/gelatin scaffolds by ice segregation induced self-assembly. Carbohydrate Polymers, 2016, 141, 175-183.	5.1	136
44	Synthesis of Subnanometric Metal Nanoparticles. , 2016, , 4037-4051.		0
45	Ag ₂ and Ag ₃ Clusters: Synthesis, Characterization, and Interaction with DNA. Angewandte Chemie - International Edition, 2015, 54, 7612-7616.	7.2	63
46	Iron Oxide Based Nanoparticles for Magnetic Hyperthermia Strategies in Biological Applications. European Journal of Inorganic Chemistry, 2015, 2015, 4495-4509.	1.0	54
47	Core-Shell Nanocatalysts Obtained in Reverse Micelles: Structural and Kinetic Aspects. Journal of Nanomaterials, 2015, 2015, 1-10.	1.5	3
48	Transformation of Gold Nanorods in Liquid Media Induced by nIR, Visible, and UV Laser Irradiation. Journal of Physical Chemistry C, 2015, 119, 13343-13349.	1.5	15
49	Synthesis of water-soluble gold clusters in nanosomes displaying robust photoluminescence with very large Stokes shift. Journal of Colloid and Interface Science, 2015, 455, 154-162.	5.0	18
50	Controlling Bimetallic Nanostructures by the Microemulsion Method with Subnanometer Resolution Using a Prediction Model. Langmuir, 2015, 31, 7435-7439.	1.6	22
51	Photostability of gold nanoparticles with different shapes: the role of Ag clusters. Nanoscale, 2015, 7, 11273-11279.	2.8	53
52	Polyacrylic acid coated and non-coated iron oxide nanoparticles are not genotoxic to human T lymphocytes. Toxicology Letters, 2015, 234, 67-73.	0.4	27
53	Large stability and high catalytic activities of sub-nm metal (0) clusters: Implications into the nucleation and growth theory. Journal of Colloid and Interface Science, 2015, 449, 279-285.	5.0	12
54	Copolymers with acetyl-protected thiol pendant groups as highly efficient stabilizing agents for gold surfaces. RSC Advances, 2015, 5, 13722-13726.	1.7	1

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55	Interaction of silver atomic quantum clusters with living organisms: bactericidal effect of Ag ₃ clusters mediated by disruption of topoisomerase-DNA complexes. <i>Chemical Science</i> , 2015, 6, 6717-6724.	3.7	26
56	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.	1.1	17
57	Liquid films, interfaces and colloidal dispersions. <i>Journal of Colloid and Interface Science</i> , 2015, 449, 1.	5.0	0
58	Surface Design and Engineering 2014. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 128.	5.0	0
59	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, 1759-1769.	1.9	23
60	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.	1.0	28
61	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.	1.1	13
62	Self-Assembly of Silver Metal Clusters of Small Atomicity on Cyclic Peptide Nanotubes. <i>ACS Nano</i> , 2015, 9, 10834-10843.	7.3	46
63	Understanding the Metal Distribution in Core-Shell Nanoparticles Prepared in Micellar Media. <i>Nanoscale Research Letters</i> , 2015, 10, 1048.	3.1	12
64	Synthesis of Subnanometric Metal Nanoparticles. , 2015, , 1-15.		1
65	Metallic Clusters: Theoretical Background, Properties and Synthesis in Microemulsions. <i>Catalysts</i> , 2014, 4, 356-374.	1.6	59
66	CHAPTER 8. Metal(0) Clusters in Catalysis. <i>RSC Smart Materials</i> , 2014, , 226-260.	0.1	5
67	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.	2.7	19
68	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.	1.0	36
69	Green Emitter Copper Clusters as Highly Efficient and Reusable Visible Degradation Photocatalysts. <i>Small</i> , 2014, 10, 3632-3636.	5.2	40
70	Interaction of polyacrylic acid coated and non-coated iron oxide nanoparticles with human neutrophils. <i>Toxicology Letters</i> , 2014, 225, 57-65.	0.4	55
71	Cage-like effect in Au-Pt nanoparticle synthesis in microemulsions: a simulation study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19720-19731.	1.3	18
72	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.	1.3	15

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73	Structure-Directing and High-Efficiency Photocatalytic Hydrogen Production by Ag Clusters. Journal of the American Chemical Society, 2014, 136, 1182-1185.	6.6	64
74	Copper clusters as novel fluorescent probes for the detection and photocatalytic elimination of lead ions. Physical Chemistry Chemical Physics, 2014, 16, 26427-26430.	1.3	21
75	Superparamagnetic nanocomposites obtained by dispersion of ultrafine magnetic iron oxide nanoparticles in poly(3-hydroxybutyrate). European Polymer Journal, 2014, 55, 160-169.	2.6	1
76	Magnetic Nanoparticles for Biomedical Applications. , 2014, , 457-493.		7
77	CHAPTER 2. New Strategies and Synthetic Routes to Synthesize Fluorescent Atomic Quantum Clusters. RSC Smart Materials, 2014, , 25-50.	0.1	11
78	Exceptional oxidation activity with size-controlled supported gold clusters of low atomicity. Nature Chemistry, 2013, 5, 775-781.	6.6	394
79	A modifier that enables the easy dispersion of alkyl-coated nanoparticles in an epoxy network. Colloid and Polymer Science, 2013, 291, 1677-1682.	1.0	3
80	Structural and magnetic behavior of ferrogels obtained by freezing thawing of polyvinyl alcohol/poly(acrylic acid) (PAA)-coated iron oxide nanoparticles. European Polymer Journal, 2013, 49, 279-289.	2.6	41
81	Air-stable Fe@Au nanoparticles synthesized by the microemulsionâ€™s methods. Journal of the Korean Physical Society, 2013, 62, 1376-1381.	0.3	5
82	Thermal annealing as an easy tool for the controlled arrangement of gold nanoparticles in block-copolymer thin films. Nanotechnology, 2013, 24, 255304.	1.3	9
83	Solar Cells. , 2012, , 2459-2459.		0
84	Single step electrochemical synthesis of hydrophilic/hydrophobic Ag5 and Ag6 blue luminescent clusters. Nanoscale, 2012, 4, 7632.	2.8	41
85	siRNA Delivery. , 2012, , 2429-2429.		0
86	Directional freezing of liquid crystalline systems: from silver nanowire/PVA aqueous dispersions to highly ordered and electrically conductive macroporous scaffolds. Journal of Materials Chemistry, 2012, 22, 9195.	6.7	39
87	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. Journal of Physical Chemistry C, 2012, 116, 13421-13428.	1.5	75
88	Magnetic nanoparticles for application in cancer therapy. Journal of Magnetism and Magnetic Materials, 2012, 324, 3499-3502.	1.0	73
89	Small-Angle Scattering. , 2012, , 2437-2437.		0
90	Silver (Ag). , 2012, , 2420-2420.		0

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91	Synthesis of Subnanometric Metal Nanoparticles. , 2012, , 2639-2648.		0
92	Surface Plasmon Enhanced Optical Bistability and Optical Switching. , 2012, , 2583-2591.		0
93	Solid Lipid Nanoparticles - SLN. , 2012, , 2471-2487.		3
94	Smart Carbon Nanotube-Polymer Composites. , 2012, , 2451-2451.		0
95	Size Dependent Catalytic Activity of Reusable Subnanometer Copper(0) Clusters. ACS Catalysis, 2012, 2, 1693-1697.	5.5	105
96	Characterization of Perylene Diimide Dye Self-Assemblies and Their Use As Templates for the Synthesis of Hybrid and Supermicroporous Nanotubules. ACS Applied Materials & Interfaces, 2011, 3, 4133-4141.	4.0	27
97	The influence of colloidal parameters on the specific power absorption of PAA-coated magnetite nanoparticles. Nanoscale Research Letters, 2011, 6, 383.	3.1	139
98	Mn ²⁺ -ferrite nanoparticles via reverse microemulsions: synthesis and characterization. Journal of Nanoparticle Research, 2011, 13, 3063-3073.	0.8	20
99	Finite size and surface effects on the magnetic properties of cobalt ferrite nanoparticles. Journal of Nanoparticle Research, 2011, 13, 1663-1676.	0.8	192
100	Plastic matters: an analytical procedure to evaluate the degradability of contemporary works of art. Analytical and Bioanalytical Chemistry, 2011, 399, 2939-2948.	1.9	32
101	A combination of hard and soft templating for the fabrication of silica hollow microcoils with nanostructured walls. Nanoscale Research Letters, 2011, 6, 330.	3.1	9
102	High-pressure magnetic and structural properties of TiOX (X=Cl, Br). Journal of Magnetism and Magnetic Materials, 2010, 322, 1069-1071.	1.0	2
103	Soft-templating approach for the synthesis of high surface area and superparamagnetic mesoporous iron oxide materials. Microporous and Mesoporous Materials, 2010, 131, 373-377.	2.2	43
104	Questionable collapse of the bulk modulus in CrN. Nature Materials, 2010, 9, 284-284.	13.3	2
105	Electrochemical Synthesis of Very Stable Photoluminescent Copper Clusters. Journal of Physical Chemistry C, 2010, 114, 15924-15930.	1.5	199
106	Functional nanocomposites based on the infusion or in situ generation of nanoparticles into amphiphilic epoxy gels. Journal of Materials Chemistry, 2010, 20, 10135.	6.7	14
107	Optically Active Magnetic Composites with Responsive Silica Shells. Journal of Physical Chemistry C, 2010, 114, 7743-7750.	1.5	11
108	Synthesis of gold-coated iron oxide nanoparticles. Journal of Non-Crystalline Solids, 2010, 356, 1233-1235.	1.5	25

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109	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, 6947-6954.	6.6	41
110	One Step Synthesis of the Smallest Photoluminescent and Paramagnetic PVP-Protected Gold Atomic Clusters. <i>Nano Letters</i> , 2010, 10, 4217-4221.	4.5	172
111	Percolation threshold and scattering power law of gelatin gels. <i>Physical Review E</i> , 2009, 79, 041409.	0.8	6
112	Magnetocrystalline interactions in $MnCr_2$. <i>Physical Review B</i> , 2009, 80, .	2.1	56
113	Advanced Hybrid Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3684-3688.	0.9	9
114	Micellization Phenomena in Semicrystalline Block Copolymers: Reflexive and Critical Views on the Formation of Cylindrical Micelles. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1785-1791.	2.0	48
115	Macromol. Rapid Commun. 21/2009. <i>Macromolecular Rapid Communications</i> , 2009, 30, .	2.0	0
116	Reduction of the bulk modulus at high pressure in CrN. <i>Nature Materials</i> , 2009, 8, 947-951.	13.3	154
117	Mesoporous silica from reverse lyotropic liquid crystals: A novel approach. <i>Microporous and Mesoporous Materials</i> , 2009, 119, 338-343.	2.2	7
118	Simulation of the kinetics of nanoparticle formation in microemulsions. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 741-748.	5.0	31
119	Synthesis and characterization of gold atomic clusters by the two-phase method. <i>European Physical Journal D</i> , 2009, 52, 23-26.	0.6	10
120	On the Structure of Bimetallic Nanoparticles Synthesized in Microemulsions. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19145-19154.	1.5	29
121	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, 1210-1217.	1.6	21
122	Enhanced Dimerization of TiOCl under Pressure: Spin-Peierls to Peierls Transition. <i>Physical Review Letters</i> , 2009, 102, 056406.	2.9	23
123	Competing Magnetism and Superconductivity in $NaxCoO_2$ at Half Doping. <i>Journal of the American Chemical Society</i> , 2009, 131, 9632-9633.	6.6	7
124	Synthesis of Small Atomic Copper Clusters in Microemulsions. <i>Langmuir</i> , 2009, 25, 8208-8216.	1.6	168
125	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.	0.8	28
126	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.	0.8	28

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127	Cylindrical Micelles from the Self-Assembly of Polyacrylonitrile-Based Diblock Copolymers in Nonpolar Selective Solvents. <i>Macromolecular Rapid Communications</i> , 2008, 29, 352-357.	2.0	83
128	Synthesis of Atomic Gold Clusters with Strong Electrocatalytic Activities. <i>Langmuir</i> , 2008, 24, 12690-12694.	1.6	64
129	Structure and properties of self-assembled fluorocarbon-silica nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 1074-1079.	1.5	3
130	Synthesis and characterization of CoFe ₂ O ₄ -PVP nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 5236-5237.	1.5	13
131	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.	1.5	18
132	Effect of Submicrometer Clustering on the Magnetic Properties of Free-Standing Superparamagnetic Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13099-13104.	1.5	34
133	Self-Assembly of Gold Nanoparticles as Colloidal Crystals Induced by Polymerization of Amphiphilic Monomers. <i>Macromolecules</i> , 2008, 41, 4895-4903.	2.2	36
134	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, 983-990.	1.6	34
135	Magnetic Relaxation of Fe_2O_3 Nanoparticles Arrangements and Electronic Phase-Segregated Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2883-2890.	0.9	9
136	VO: A strongly correlated metal close to a Mott-Hubbard transition. <i>Physical Review B</i> , 2007, 76, .	1.1	17
137	Synthesis of silver-coated magnetite nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 829-831.	1.5	73
138	Control on the dispersion of gold nanoparticles in an epoxy network. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 826-828.	1.5	21
139	Tunable Polyacrylonitrile-Based Micellar Aggregates as a Potential Tool for the Fabrication of Carbon Nanofibers. <i>Chemistry of Materials</i> , 2007, 19, 5818-5820.	3.2	62
140	Formation and Properties of Reverse Micellar Cubic Liquid Crystals and Derived Emulsions. <i>Langmuir</i> , 2007, 23, 11007-11014.	1.6	25
141	Pressure Dependence of Magnetic Exchange in $\text{A}_2\text{B}_2\text{O}_7$	2.9	62
142	Facile Synthesis of Stable Subnanosized Silver Clusters in Microemulsions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8823-8827.	7.2	81
143	Mesostructured fluorocarbon-silica hybrid materials with a low dielectric constant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 298, 284-286.	2.3	7
144	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.	1.3	30

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145	Unusual formation of small aggregates by mixing giant multilamellar vesicles. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 108-113.	5.0	7
146	Self-assembly of Co-based nanosheets into novel nest-shaped nanostructures: Synthesis and characterization. <i>Journal of Colloid and Interface Science</i> , 2007, 305, 339-344.	5.0	13
147	Penetration of Metallic Nanoparticles in Human Full-Thickness Skin. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1701-1712.	0.3	387
148	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.	1.0	18
149	Surface Plasmon Resonance in Gold/Magnetite Nanoparticulated Layers onto Planar Substrates. <i>Sensor Letters</i> , 2007, 5, 113-117.	0.4	5
150	Synthesis and Characterization of Large Colloidal Cobalt Particles. <i>Langmuir</i> , 2006, 22, 1455-1458.	1.6	51
151	Bifunctional Gold-Coated Magnetic Silica Spheres. <i>Chemistry of Materials</i> , 2006, 18, 2701-2706.	3.2	159
152	One-Step Synthesis of Gold and Silver Hydrosols Using Poly(N-vinyl-2-pyrrolidone) as a Reducing Agent. <i>Langmuir</i> , 2006, 22, 7027-7034.	1.6	282
153	In vivo cell imaging with semiconductor quantum dots and noble metal nanodots. , 2006, , .		6
154	Functionalization of atomic cobalt clusters obtained by electrochemical methods. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 1223-1228.	0.8	0
155	Electrochemical synthesis and stabilization of cobalt nanoparticles. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 1234-1240.	0.8	16
156	Synthesis of monodisperse maghemite nanoparticles by the microemulsion method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 288, 44-51.	2.3	224
157	Solvothermal synthesis and characterisation of La ^{1-x} AxMnO ₃ nanoparticles. <i>Journal of Solid State Chemistry</i> , 2006, 179, 3229-3237.	1.4	31
158	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.	1.0	16
159	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, 4266-4269.	7.2	20
160	Self-Assembly: A Minimalist Route to the Fabrication of Nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 892-905.	0.9	60
161	Possible quantum criticality in Na _x CoO ₂ . <i>Physical Review B</i> , 2006, 73, .	1.1	6
162	Interacción electrón-fonón en manganitas: efecto en el transporte electrónico y en la magnetización. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2006, 45, 175-177.	0.9	2

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