

Etienne Duguet

List of Publications by Year in descending order

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156
papers

10,063
citations

41344

49
h-index

34986

98
g-index

169
all docs

169
docs citations

169
times ranked

12309
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Low Temperature Sinter Bonding Using Silver Nanocube Superlattices. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1644-1650.	3.1	6
2	Linear Assembly of Two-Patch Silica Nanoparticles and Control of Chain Length by Coassembly with Colloidal Chain Stoppers. <i>ACS Macro Letters</i> , 2022, 11, 156-160.	4.8	8
3	Controlling disorder in self-assembled colloidal monolayers <i>via</i> evaporative processes. <i>Nanoscale</i> , 2022, 14, 3324-3345.	5.6	12
4	VO ₂ films obtained by V ₂ O ₅ nanoparticle suspension reduction. <i>Optical Materials</i> , 2022, 127, 112117.	3.6	6
5	Solvent-Induced Assembly of One-Patch Silica Nanoparticles into Robust Clusters, Wormlike Chains and Bilayers. <i>Nanomaterials</i> , 2022, 12, 100.	4.1	3
6	Silica/polystyrene bipod-like submicron colloids synthesized by seed-growth dispersion polymerisation as precursors for two-patch silica particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129344.	4.7	1
7	Polyhedral plasmonic nanoclusters through multi-step colloidal chemistry. <i>Materials Horizons</i> , 2021, 8, 565-570.	12.2	3
8	Dimpled SiO ₂ @Fe ₃ O ₄ nanocomposites fabrication and use for arsenic adsorption in aqueous medium. <i>RSC Advances</i> , 2021, 11, 1343-1353.	3.6	3
9	Toward Huygens™ Sources with Dodecahedral Plasmonic Clusters. <i>Nano Letters</i> , 2021, 21, 2046-2052.	9.1	9
10	Templated Synthesis and Assembly of Two-, Three- and Six-Patch Silica Nanoparticles with a Controlled Patch-to-Particle Size Ratio. <i>Molecules</i> , 2021, 26, 4736.	3.8	3
11	Versatile template-directed synthesis of gold nanocages with a predefined number of windows. <i>Nanoscale Horizons</i> , 2021, 6, 311-318.	8.0	8
12	Towards Polymeric Nanoparticles with Multiple Magnetic Patches. <i>Nanomaterials</i> , 2021, 11, 147.	4.1	6
13	Clustering of asymmetric dumbbell-shaped silica/polystyrene nanoparticles by solvent-induced self-assembly. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 639-648.	9.4	25
14	Synthesis of tetrahedral patchy nanoparticles with controlled patch size. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	3
15	Self-assembly of colloidal polymers from two-patch silica nanoparticles. <i>Nano Research</i> , 2020, 13, 3371-3376.	10.4	10
16	Particles with Magnetic Patches: Synthesis, Morphology Control, and Assembly. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000111.	2.3	12
17	Colloidal molecules and patchy particles: complementary concepts, synthesis and self-assembly. <i>Chemical Society Reviews</i> , 2020, 49, 1955-1976.	38.1	118
18	Low-temperature silver sintering by colloidal approach. , 2020, , .		1

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19	High optical magnetism of dodecahedral plasmonic meta-atoms. <i>Nanophotonics</i> , 2019, 8, 549-558.	6.0	21
20	Synthesis of Colloidal Molecules: Recent Advances and Perspectives. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3232-3239.	3.3	17
21	Template-Directed Synthesis of Titania Nanocages with Four Tetrahedrally Arranged Open Windows. <i>Chemistry - A European Journal</i> , 2018, 24, 6917-6921.	3.3	2
22	Nonisotropic Self-Assembly of Nanoparticles: From Compact Packing to Functional Aggregates. <i>Advanced Materials</i> , 2018, 30, e1706558.	21.0	38
23	Colloidal chemistry with patchy silica nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2989-2998.	2.8	10
24	Colloidal Molecules from Valence-Endowed Nanoparticles by Covalent Chemistry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15754-15757.	13.8	26
25	Colloidal Molecules from Valence-Endowed Nanoparticles by Covalent Chemistry. <i>Angewandte Chemie</i> , 2018, 130, 15980-15983.	2.0	5
26	Robust raspberry-like metallo-dielectric nanoclusters of critical sizes as SERS substrates. <i>Nanoscale</i> , 2017, 9, 5725-5736.	5.6	36
27	Synthesis and assembly of patchy particles: Recent progress and future prospects. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 30, 45-53.	7.4	92
28	Colloidal Alchemy: Conversion of Polystyrene Nanoclusters into Gold. <i>ChemNanoMat</i> , 2017, 3, 160-163.	2.8	11
29	4.39 Hybrid Magnetic Nanoparticles for Targeted Delivery. , 2017, , 750-771.		1
30	Regioselective functionalization of dimpled silica particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 510, 239-244.	4.7	2
31	Isotropic 3D optical magnetism in visible light in a self-assembled metamaterial. , 2016, , .		1
32	Hierarchical self-assembly of a bulk metamaterial enables isotropic magnetic permeability at optical frequencies. <i>Materials Horizons</i> , 2016, 3, 596-601.	12.2	61
33	Janus and patchy nanoparticles: general discussion. <i>Faraday Discussions</i> , 2016, 191, 117-139.	3.2	3
34	Templated growth of gold satellites on dimpled silica cores. <i>Faraday Discussions</i> , 2016, 191, 105-116.	3.2	16
35	Visible-transparent and UV/IR-opaque colloidal dispersions of Ga-doped zinc oxide nanoparticles. <i>New Journal of Chemistry</i> , 2016, 40, 7204-7209.	2.8	6
36	Multipod-like silica/polystyrene clusters. <i>Nanoscale</i> , 2016, 8, 5454-5469.	5.6	30

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37	Patchy colloidal particles for programmed self-assembly. <i>Comptes Rendus Chimie</i> , 2016, 19, 173-182.	0.5	79
38	Resonant isotropic optical magnetism of plasmonic nanoclusters in visible light. <i>Physical Review B</i> , 2015, 92, .	3.2	40
39	Synthesis of multivalent silica nanoparticles combining both enthalpic and entropic patchiness. <i>Faraday Discussions</i> , 2015, 181, 139-146.	3.2	32
40	Charge Detection Mass Spectrometry for the Characterization of Mass and Surface Area of Composite Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10844-10849.	3.1	51
41	Gold Nanorods Coated with Mesoporous Silica Shell as Drug Delivery System for Remote Near Infrared Light-Activated Release and Potential Phototherapy. <i>Small</i> , 2015, 11, 2323-2332.	10.0	213
42	New routes to control nanoparticle synthesis: general discussion. <i>Faraday Discussions</i> , 2015, 181, 147-179.	3.2	2
43	Optimization of Magnetic Inks Made of L_{10} -Ordered FePt Nanoparticles and Polystyrene- <i>block</i> -Poly(ethylene oxide) Copolymers. <i>Langmuir</i> , 2015, 31, 6675-6680.	3.5	10
44	Design of hybrid nanovehicles for remotely triggered drug release: an overview. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6117-6147.	5.8	95
45	Towards a one-step method for preparing silica/polymer heterodimers and dimpled polymer particles. <i>Polymer</i> , 2015, 70, 118-126.	3.8	12
46	Gold Nanorods with Phase-Changing Polymer Corona for Remotely Near-Infrared-Triggered Drug Release. <i>Chemistry - an Asian Journal</i> , 2014, 9, 275-288.	3.3	34
47	Regioselective Coating of Tetrapod-like Clusters with Silica. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 604, 27-32.	0.9	3
48	Surface patterning of micron-sized aluminum flakes by seeded dispersion polymerization: Towards waterborne colored pigments by gold nanoparticles adsorption. <i>Polymer</i> , 2014, 55, 762-771.	3.8	11
49	New Insights into the Side-Face Structure, Growth Aspects, and Reactivity of Ag_n Nanoprisms. <i>Langmuir</i> , 2014, 30, 1424-1434.	3.5	26
50	Loading and release of internally self-assembled emulsions embedded in a magnetic hydrogel. <i>Applied Physics Letters</i> , 2014, 104, 043701.	3.3	10
51	Gold nanorods coated with a thermo-responsive poly(ethylene glycol)- <i>b</i> -poly(N-vinylcaprolactam) corona as drug delivery systems for remotely near infrared-triggered release. <i>Polymer Chemistry</i> , 2014, 5, 799-813.	3.9	63
52	Synthesis of nanoscaled poly(styrene-co- <i>n</i> -butyl acrylate)/silica particles with dumbbell- and snowman-like morphologies by emulsion polymerization. <i>Polymer Chemistry</i> , 2014, 5, 5609-5616.	3.9	12
53	Glucose-, pH- and thermo-responsive nanogels crosslinked by functional superparamagnetic maghemite nanoparticles as innovative drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1009.	5.8	53
54	Thermo-responsive gold/poly(vinyl alcohol)- <i>b</i> -poly(N-vinylcaprolactam) core-corona nanoparticles as a drug delivery system. <i>Polymer Chemistry</i> , 2014, 5, 5289-5299.	3.9	24

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55	Reversibly crosslinked thermo- and redox-responsive nanogels for controlled drug release. <i>Polymer Chemistry</i> , 2014, 5, 77-88.	3.9	44
56	Heat-triggered drug release systems based on mesoporous silica nanoparticles filled with a maghemite core and phase-change molecules as gatekeepers. <i>Journal of Materials Chemistry B</i> , 2014, 2, 59-70.	5.8	68
57	Synthesis of Size-Monodisperse Spherical Ag@SiO ₂ Nanoparticles and 3-D Assembly Assisted by Microfluidics. <i>Langmuir</i> , 2013, 29, 1790-1795.	3.5	24
58	Poly(acrylic acid)-block-poly(vinyl alcohol) anchored maghemite nanoparticles designed for multi-stimuli triggered drug release. <i>Nanoscale</i> , 2013, 5, 11464.	5.6	33
59	Establishment of the correlation law between electron density, infrared absorption and doping concentration in Ga ³⁺ -doped ZnO. <i>Materials Research Bulletin</i> , 2013, 48, 1155-1159.	5.2	7
60	New Insights into Crystallite Size and Cell Parameters Correlation for ZnO Nanoparticles Obtained from Polyol-Mediated Synthesis. <i>Inorganic Chemistry</i> , 2013, 52, 12811-12817.	4.0	31
61	Influence of surface and finite size effects on the structural and magnetic properties of nanocrystalline lanthanum strontium perovskite manganites. <i>Journal of Solid State Chemistry</i> , 2013, 204, 373-379.	2.9	44
62	Encapsulation of ZnO particles by metal fluorides: Towards an application as transparent insulating coatings for windows. <i>Optical Materials</i> , 2013, 35, 661-667.	3.6	12
63	Magnetic Nanoparticles for Magnetic Resonance Imaging and Hyperthermia Applications. , 2013, , 99-129.		4
64	Optical properties of raspberry-like SiO ₂ @MnO ₂ nanoclusters. , 2013, , .		0
65	Synthesis and Site-specific Functionalization of Tetravalent, Hexavalent, and Dodecavalent Silica Particles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11068-11072.	13.8	64
66	Synthesis and Characterisation of Iron Oxide Ferrite Nanoparticles and Ferrite-Based Aqueous Fluids. , 2012, , 47-72.		0
67	Spheres Growing on a Sphere: A Model to Predict the Morphology Yields of Colloidal Molecules Obtained through a Heterogeneous Nucleation Route. <i>Langmuir</i> , 2012, 28, 11575-11583.	3.5	13
68	Efficient Synthesis of Snowman- and Dumbbell-like Silica/Polymer Anisotropic Heterodimers through Emulsion Polymerization Using a Surface-Anchored Cationic Initiator. <i>Macromolecules</i> , 2012, 45, 7009-7018.	4.8	38
69	Thermoresponsive polymer brush-functionalized magnetic manganite nanoparticles for remotely triggered drug release. <i>Polymer Chemistry</i> , 2012, 3, 1408.	3.9	98
70	High-yield preparation of polystyrene/silica clusters of controlled morphology. <i>Polymer Chemistry</i> , 2012, 3, 1130.	3.9	72
71	Synthesis of HCN-like poly(methyl methacrylate)/polystyrene/silica colloidal molecules. <i>Polymer Chemistry</i> , 2012, 3, 3232.	3.9	7
72	New insights into the heating mechanisms and self-regulating abilities of manganite perovskite nanoparticles suitable for magnetic fluid hyperthermia. <i>Nanoscale</i> , 2012, 4, 3954.	5.6	64

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73	Control of the PEO Chain Conformation on Nanoparticles by Adsorption of PEO- <i>block</i> -Poly(<i>l</i> -lysine) Copolymers and Its Significance on Colloidal Stability and Protein Repellency. <i>Langmuir</i> , 2011, 27, 12891-12901.	3.5	31
74	Heat Production by Bacterial Magnetosomes Exposed to an Oscillating Magnetic Field. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18-22.	3.1	103
75	Hybrid Magnetic Nanoparticles for Targeted Delivery. , 2011, , 575-593.		2
76	Design and elaboration of colloidal molecules: an overview. <i>Chemical Society Reviews</i> , 2011, 40, 941.	38.1	192
77	Evidence of non-stoichiometry effects in nanometric manganite perovskites: influence on the magnetic ordering temperature. <i>Journal of Materials Chemistry</i> , 2011, 21, 14990.	6.7	28
78	Manganite perovskite nanoparticles for self-controlled magnetic fluid hyperthermia: about the suitability of an aqueous combustion synthesis route. <i>Journal of Materials Chemistry</i> , 2011, 21, 4393.	6.7	77
79	Production of magnetic multilamellar liposomes as highly T2-efficient MRI contrast agents. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 18-21.	3.3	18
80	MRI of inducible P-selectin expression in human activated platelets involved in the early stages of atherosclerosis. <i>NMR in Biomedicine</i> , 2011, 24, 413-424.	2.8	53
81	Vectorisation et délivrance ciblée de médicaments ou gènes inductibles par des nanoparticules sensibles à l'hyperthermie sous contrôle de l'IRM - <i>NanoBioImaging</i> . <i>Irmbm</i> , 2011, 32, 185-190.	5.6	0
82	A physico-chemical investigation of poly(ethylene oxide)-block-poly(<i>l</i> -lysine) copolymer adsorption onto silica nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2011, 359, 413-422.	9.4	32
83	Nanoparticle phagocytosis and cellular stress: involvement in cellular imaging and in gene therapy against glioma. <i>NMR in Biomedicine</i> , 2010, 23, 88-96.	2.8	11
84	Functional silica nanoparticles synthesized by water-in-oil microemulsion processes. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 201-208.	9.4	100
85	An Easy Way to Control the Morphology of Colloidal Polymer-Oxide Supraparticles through Seeded Dispersion Polymerization. <i>Langmuir</i> , 2010, 26, 6086-6090.	3.5	32
86	About the suitability of the seeded-dispersion polymerization technique for preparing micron-sized silica-polystyrene clusters. <i>Journal of Materials Chemistry</i> , 2010, 20, 9392.	6.7	23
87	Multilamellar liposomes entrapping aminosilane-modified maghemite nanoparticles: "magnetonions". <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12794.	2.8	9
88	Silica encapsulated manganese perovskite nanoparticles for magnetically induced hyperthermia without the risk of overheating. <i>Nanotechnology</i> , 2009, 20, 275610.	2.6	65
89	A Chemical Synthetic Route towards "Colloidal Molecules". <i>Angewandte Chemie - International Edition</i> , 2009, 48, 361-365.	13.8	87
90	Magnetic hyperthermia with biphasic gel of La _{1-x} Sr _x MnO ₃ and maghemite. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1490-1492.	2.3	23

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91	Search of new core materials for magnetic fluid hyperthermia: Preliminary chemical and physical issues. Progress in Solid State Chemistry, 2009, 37, 1-14.	7.2	84
92	Planar submicronic silica-polystyrene particles obtained by substrate-directed shaping. Journal of Materials Chemistry, 2009, 19, 4225.	6.7	12
93	Functionalised Inorganic Nanoparticles for Biomedical Applications. , 2009, , 129-170.		1
94	Cell Targeting and Magnetically Induced Hyperthermia. Topics in Applied Physics, 2009, , 343-365.	0.8	9
95	Synthesis of non-spherical gold nanoparticles. Gold Bulletin, 2008, 41, 195-207.	2.7	125
96	PEO coated magnetic nanoparticles for biomedical application. European Polymer Journal, 2008, 44, 3191-3199.	5.4	83
97	Magnetic nanoparticles coated by temperature responsive copolymers for hyperthermia. Journal of Materials Chemistry, 2008, 18, 3352.	6.7	52
98	New insights into the nucleation and growth of PS nodules on silicananoparticles by 3D cryo-electron tomography. Soft Matter, 2008, 4, 311-315.	2.7	29
99	Sr-hexaferrite/maghemite composite nanoparticles possible new mediators for magnetic hyperthermia. Nanotechnology, 2008, 19, 215705.	2.6	24
100	Synthesis and characterization of magnetic-fluorescent composite colloidal nanostructures. , 2008, , .		2
101	Self-Assembly of Polyhedral Hybrid Colloidal Particles. Materials Research Society Symposia Proceedings, 2008, 1135, 60801.	0.1	0
102	Mesoporous maghemite-organosilica microspheres: a promising route towards multifunctional platforms for smart diagnosis and therapy. Journal of Materials Chemistry, 2007, 17, 1563-1569.	6.7	133
103	Designing Organic/Inorganic Colloids by Heterophase Polymerization. Macromolecular Symposia, 2007, 248, 213-226.	0.7	30
104	Magnetic heating by cobalt ferrite nanoparticles. Nanotechnology, 2007, 18, 345704.	2.6	83
105	Strontium ferrite nanoparticles synthesized in presence of polyvinylalcohol: Phase composition, microstructural and magnetic properties. Journal of Magnetism and Magnetic Materials, 2007, 309, 106-112.	2.3	18
106	New -tuned magnetic nanoparticles for self-controlled hyperthermia. Journal of Magnetism and Magnetic Materials, 2007, 316, 122-125.	2.3	91
107	Polymer Encapsulation of Inorganic Particles. , 2006, , 85-152.		12
108	Magnetic nanoparticles and their applications in medicine. Nanomedicine, 2006, 1, 157-168.	3.3	327

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109	Magnetic nanoparticle design for medical applications. Progress in Solid State Chemistry, 2006, 34, 237-247.	7.2	465
110	Nucleation of Polystyrene Latex Particles in the Presence of γ -Methacryloxypropyltrimethoxysilane: Functionalized Silica Particles. Journal of Nanoscience and Nanotechnology, 2006, 6, 432-444.	0.9	48
111	Synthesis of hybrid colloidal particles: From snowman-like to raspberry-like morphologies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 284-285, 78-83.	4.7	94
112	Lanthanum manganese perovskite nanoparticles as possible in vivo mediators for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2006, 302, 315-320.	2.3	155
113	Towards a versatile platform based on magnetic nanoparticles for in vivo applications. Bulletin of Materials Science, 2006, 29, 581-586.	1.7	40
114	Sinterability, Mechanical, and Electrical Properties of Al ₂ O ₃ /8YSZ Nanocomposites Prepared by Ultrasonic Spray Pyrolysis. Journal of Nanoscience and Nanotechnology, 2006, 6, 3404-3407.	0.9	2
115	Tailor-made nanomaterials for biological and medical applications. , 2006, , .		0
116	Organosilane-modified maghemite nanoparticles and their use as co-initiator in the ring-opening polymerization of ϵ -caprolactone. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 262, 150-157.	4.7	22
117	A method for synthesis and functionalization of ultrasmall superparamagnetic covalent carriers based on maghemite and dextran. Journal of Magnetism and Magnetic Materials, 2005, 293, 127-134.	2.3	159
118	Poly(ethylene glycol) Surface Coated Magnetic Particles. Macromolecular Rapid Communications, 2005, 26, 1494-1498.	3.9	46
119	Synthesis of colloidal superparamagnetic nanocomposites by grafting poly(μ -caprolactone) from the surface of organosilane-modified maghemite nanoparticles. Journal of Polymer Science Part A, 2005, 43, 3221-3231.	2.3	41
120	Synthesis of Hybrid Colloids Through the Growth of Polystyrene Latex Particles onto Methacryloxy methyl triethoxysilane - Functionalized Silica Particles. Materials Research Society Symposia Proceedings, 2005, 901, 1.	0.1	0
121	Design and synthesis of Janus micro- and nanoparticles. Journal of Materials Chemistry, 2005, 15, 3745.	6.7	651
122	Controlled Growth of Silica Shell on Ba _{0.6} Sr _{0.4} TiO ₃ Nanoparticles Used As Precursors of Ferroelectric Composites. Chemistry of Materials, 2005, 17, 4530-4536.	6.7	56
123	Hybrid Dissymmetrical Colloidal Particles. Chemistry of Materials, 2005, 17, 3338-3344.	6.7	149
124	Towards large amounts of Janus nanoparticles through a protection-deprotection route. Chemical Communications, 2005, , 5542.	4.1	94
125	Folate-Conjugated Iron Oxide Nanoparticles for Solid Tumor Targeting as Potential Specific Magnetic Hyperthermia Mediators: Synthesis, Physicochemical Characterization, and in Vitro Experiments. Bioconjugate Chemistry, 2005, 16, 1181-1188.	3.6	439
126	Surface Assisted Nucleation and Growth of Polymer Latexes on Organically-Modified Inorganic Particles. Macromolecular Symposia, 2005, 229, 32-46.	0.7	34

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127	The Formation of Supported Lipid Bilayers on Silica Nanoparticles Revealed by Cryoelectron Microscopy. <i>Nano Letters</i> , 2005, 5, 281-285.	9.1	322
128	From Raspberry-like to Dumbbell-like Hybrid Colloids through Surface-assisted Nucleation and Growth of Polystyrene Nodules onto Macromonomer-modified Silica Nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 292.	0.1	1
129	Grafting of poly(ϵ -caprolactone) onto maghemite nanoparticles. <i>Journal of Polymer Science Part A</i> , 2004, 42, 6011-6020.	2.3	54
130	Tentative Mechanisms for Acrylate Intercalation and in Situ Polymerization in Nickel-Based Layered Double Hydroxides. <i>Macromolecules</i> , 2004, 37, 45-51.	4.8	42
131	Synthesis of Daisy-Shaped and Multipod-like Silica/Polystyrene Nanocomposites. <i>Nano Letters</i> , 2004, 4, 1677-1682.	9.1	178
132	Magnetic nanoparticle design for medical diagnosis and therapy. <i>Journal of Materials Chemistry</i> , 2004, 14, 2161.	6.7	1,612
133	Acrylate Intercalation and in Situ Polymerization in Iron-, Cobalt-, or Manganese-Substituted Nickel Hydroxides. <i>Inorganic Chemistry</i> , 2003, 42, 4559-4567.	4.0	58
134	Surface modification of zinc oxide nanoparticles by aminopropyltriethoxysilane. <i>Journal of Alloys and Compounds</i> , 2003, 360, 298-311.	5.5	127
135	Ring-opening metathesis polymerization on well defined silica nanoparticles leading to hybrid core-shell particles. <i>Journal of Materials Chemistry</i> , 2003, 13, 1920-1925.	6.7	31
136	Synthesis and Magnetic Characterization of Zinc Ferrite Nanoparticles with Different Environments: Powder, Colloidal Solution, and Zinc Ferrite-Silica Core-Shell Nanoparticles. <i>Langmuir</i> , 2002, 18, 8209-8216.	3.5	196
137	Syntheses of Raspberry-like Silica/Polystyrene Materials. <i>Chemistry of Materials</i> , 2002, 14, 2354-2359.	6.7	208
138	Sub-micrometer silica spheres dissymmetrically decorated with gold nanoclusters. <i>Materials Letters</i> , 2001, 51, 478-484.	2.6	40
139	Synthesis, magnetic properties, surface modification and cytotoxicity evaluation of $Y_3Fe_5-xAl_xO_{12}$ ($0 \leq x \leq 2$) garnet submicron particles for biomedical applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 234, 409-418.	2.3	71
140	Influence of the Annealing Temperature on the Site Preference of Cations, Structural and Magnetic Properties in $RE_{3-x}Fe_{4.5-x}Al_{0.5-x}O_{12}$ ($RE = Y, Gd$) Synthesized by Citrate Route. <i>Key Engineering Materials</i> , 2001, 214-215, 241-246.	0.4	0
141	PMMA encapsulation of alumina particles through aqueous suspension polymerisation processes. <i>Macromolecular Symposia</i> , 2000, 151, 365-370.	0.7	45
142	PMMA-based composite materials with reactive ceramic fillers: IV. Radiopacifying particles embedded in PMMA beads for acrylic bone cements. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 53, 728-736.	3.1	41
143	PMMA-based composite materials with reactive ceramic fillers: part III: radiopacifying particle-reinforced bone cements. <i>Journal of Materials Science: Materials in Medicine</i> , 2000, 11, 295-300.	3.6	29
144	DNA-magnetite nanocomposite materials. <i>Materials Letters</i> , 2000, 42, 183-188.	2.6	59

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145	Polydimethylsiloxane-based ORMOSIL microstructure: correlation with compressive behavior. <i>Materials Letters</i> , 2000, 42, 305-310.	2.6	20
146	Dissymmetric silica nanospheres: a first step to difunctionalized nanomaterials. <i>Journal of Materials Chemistry</i> , 2000, 10, 253-254.	6.7	43
147	Acrylate intercalation and in situ polymerization in iron substituted nickel hydroxides. <i>Polymer International</i> , 1999, 48, 277-282.	3.1	45
148	PMMA-based composite materials with reactive ceramic fillers. Part 1. "Chemical modification and characterisation of ceramic particles. <i>Journal of Materials Chemistry</i> , 1997, 7, 1527.	6.7	154
149	Characterization of silane-modified ZrO ₂ powder surfaces. <i>Surface and Interface Analysis</i> , 1997, 25, 917-923.	1.8	35
150	Cationic ring-opening oligomerization of hexamethylcyclotrisilazane and octamethylcyclotetrasilazane. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 645-654.	2.2	3
151	TiO ₂ -polymer Nano-composites by sol-gel. <i>Journal of Sol-Gel Science and Technology</i> , 1994, 2, 121-125.	2.4	5
152	Cationic ring-opening polymerization of hexamethylcyclodisilazane: General aspects and tentative mechanisms. <i>Polymer International</i> , 1994, 33, 129-139.	3.1	10
153	Characterization of new cyclosiloxazanes using both GC/MS and GC/FT-IR. <i>Journal of Organometallic Chemistry</i> , 1993, 448, 19-28.	1.8	7
154	New cyclodisilazane monomers. <i>Journal of Organometallic Chemistry</i> , 1993, 458, 9-12.	1.8	17
155	High molar mass polysilazane: a new polymer. <i>Macromolecules</i> , 1992, 25, 4835-4839.	4.8	54
156	Dissymmetrical gold tagging on spherical silica nanoparticles. , 0, , 240-244.		0