Serge Ravaine

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5431694/publications.pdf

Version: 2024-02-01

179 papers	6,821 citations	57719 44 h-index	69214 77 g-index
189 all docs	189 docs citations	189 times ranked	7077 citing authors

#	Article	IF	Citations
1	Linear Assembly of Two-Patch Silica Nanoparticles and Control of Chain Length by Coassembly with Colloidal Chain Stoppers. ACS Macro Letters, 2022, 11, 156-160.	2.3	8
2	Solvent-Induced Assembly of One-Patch Silica Nanoparticles into Robust Clusters, Wormlike Chains and Bilayers. Nanomaterials, 2022, 12, 100.	1.9	3
3	Silica/polystyrene bipod-like submicron colloids synthesized by seed-growth dispersion polymerisation as precursors for two-patch silica particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129344.	2.3	1
4	Polyhedral plasmonic nanoclusters through multi-step colloidal chemistry. Materials Horizons, 2021, 8, 565-570.	6.4	3
5	Fast and Ample Light Controlled Actuation of Monodisperse Allâ€ÐNA Microgels. Advanced Functional Materials, 2021, 31, 2010396.	7.8	11
6	Toward Huygensâ€™ Sources with Dodecahedral Plasmonic Clusters. Nano Letters, 2021, 21, 2046-2052.	4.5	9
7	Templated Synthesis and Assembly of Two-, Three- and Six-Patch Silica Nanoparticles with a Controlled Patch-to-Particle Size Ratio. Molecules, 2021, 26, 4736.	1.7	3
8	Versatile template-directed synthesis of gold nanocages with a predefined number of windows. Nanoscale Horizons, 2021, 6, 311-318.	4.1	8
9	From colloidal particles to photonic crystals: advances in self-assembly and their emerging applications. Chemical Society Reviews, 2021, 50, 5898-5951.	18.7	232
10	Clustering of asymmetric dumbbell-shaped silica/polystyrene nanoparticles by solvent-induced self-assembly. Journal of Colloid and Interface Science, 2020, 560, 639-648.	5.0	25
11	Synthesis of tetrahedral patchy nanoparticles with controlled patch size. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	3
12	Self-assembly of colloidal polymers from two-patch silica nanoparticles. Nano Research, 2020, 13, 3371-3376.	5.8	10
13	Electrodeposited Negative Index Metamaterials with Visible and Near Infrared Response. Advanced Optical Materials, 2020, 8, 2000865.	3.6	19
14	Colloidal molecules and patchy particles: complementary concepts, synthesis and self-assembly. Chemical Society Reviews, 2020, 49, 1955-1976.	18.7	118
15	High optical magnetism of dodecahedral plasmonic meta-atoms. Nanophotonics, 2019, 8, 549-558.	2.9	21
16	Energy Transfer and Interference by Collective Electromagnetic Coupling. Nano Letters, 2019, 19, 5790-5795.	4.5	8
17	Synthesis of Colloidal Molecules: Recent Advances and Perspectives. Chemistry - an Asian Journal, 2019, 14, 3232-3239.	1.7	17
18	Tunable index metamaterials made by bottom-up approaches. Nanoscale Advances, 2019, 1, 1070-1076.	2.2	14

#	Article	IF	Citations
19	Ultrafast microscopy of the vibrational landscape of a single nanoparticle. Applied Physics Letters, 2019, 114, 091904.	1.5	4
20	Bulk Photodriven CO₂ Conversion through TiO₂@Si(HIPE) Monolithic Macrocellular Foams. Advanced Functional Materials, 2019, 29, 1807767.	7.8	26
21	10.1063/1.5085157.1. , 2019, , .		0
22	All-optical in-depth detection of the acoustic wave emitted by a single gold nanorod. Physical Review B, 2018, 97, .	1.1	17
23	Nanostructured gold films exhibiting almost complete absorption of light at visible wavelengths. Frontiers of Chemical Science and Engineering, 2018, 12, 247-251.	2.3	6
24	Acoustic Vibrations of Coreâ€“Shell Nanospheres: Probing the Mechanical Contact at the Metalâ€“Dielectric Interface. Journal of Physical Chemistry C, 2018, 122, 9127-9133.	1.5	13
25	Nonisotropic Selfâ€Assembly of Nanoparticles: From Compact Packing to Functional Aggregates. Advanced Materials, 2018, 30, e1706558.	11.1	38
26	Colloidal chemistry with patchy silica nanoparticles. Beilstein Journal of Nanotechnology, 2018, 9, 2989-2998.	1.5	10
27	Colloidal Molecules from Valenceâ€Endowed Nanoparticles by Covalent Chemistry. Angewandte Chemie - International Edition, 2018, 57, 15754-15757.	7.2	26
28	Colloidal Molecules from Valenceâ€Endowed Nanoparticles by Covalent Chemistry. Angewandte Chemie, 2018, 130, 15980-15983.	1.6	5
29	Recent advances in the synthesis of anisotropic particles. , 2018, , 1-35.		1
30	Spectral dependence of plasmon-enhanced fluorescence in a hollow nanotriangle assembled by DNA origami: towards plasmon assisted energy transfer. Nanoscale, 2018, 10, 16568-16573.	2.8	2
31	Robust raspberry-like metallo-dielectric nanoclusters of critical sizes as SERS substrates. Nanoscale, 2017, 9, 5725-5736.	2.8	36
32	Synthesis and assembly of patchy particles: Recent progress and future prospects. Current Opinion in Colloid and Interface Science, 2017, 30, 45-53.	3.4	92
33	Colloidal Alchemy: Conversion of Polystyrene Nanoclusters into Gold. ChemNanoMat, 2017, 3, 160-163.	1.5	11
34	Organization of Microgels at the Airâ€“Water Interface under Compression: Role of Electrostatics and Cross-Linking Density. Langmuir, 2017, 33, 7968-7981.	1.6	75
35	Bottom-Up Assembly and Applications of Photonic Materials. Crystals, 2016, 6, 54.	1.0	35
36	Regioselective functionalization of dimpled silica particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 510, 239-244.	2.3	2

#	Article	IF	Citations
37	Miniaturized Electrochemical Device from Assembled Cylindrical Macroporous Gold Electrodes. ChemElectroChem, 2016, 3, 2031-2035.	1.7	11
38	One-pot synthesis of gold nanodimers and their use as surface-enhanced Raman scattering tags. New Journal of Chemistry, 2016, 40, 7299-7302.	1.4	7
39	Templated growth of gold satellites on dimpled silica cores. Faraday Discussions, 2016, 191, 105-116.	1.6	16
40	Efficiency enhancement in solid state dye sensitized solar cells by including inverse opals with controlled layer thicknesses. Photonics and Nanostructures - Fundamentals and Applications, 2016, 21, 13-18.	1.0	9
41	Multipod-like silica/polystyrene clusters. Nanoscale, 2016, 8, 5454-5469.	2.8	30
42	Patchy colloidal particles for programmed self-assembly. Comptes Rendus Chimie, 2016, 19, 173-182.	0.2	79
43	Morphological Design of Gold Nanopillar Arrays and Their Optical Properties. Journal of Physical Chemistry C, 2016, 120, 1178-1185.	1.5	11
44	Simulation of negative refraction condition for fishnet structures based on self-assembled nanoparticles templates. , 2015, , .		0
45	Bottomâ€up Generation of Miniaturized Coaxial Double Electrodes with Tunable Porosity. Advanced Materials Interfaces, 2015, 2, 1500192.	1.9	17
46	Quaternary Ammonium Groups Exposed at the Surface of Silica Nanoparticles Suitable for DNA Complexation in the Presence of Cationic Lipids. Journal of Physical Chemistry B, 2015, 119, 6401-6411.	1.2	28
47	Battling absorptive losses by plasmonâ€“exciton coupling in multimeric nanostructures. RSC Advances, 2015, 5, 53245-53254.	1.7	12
48	Fabrication of broadband omnidirectional non-reflective gold surfaces by electrodeposition. International Journal of Higher Education Management, 2015, 1, 11-16.	1.0	3
49	Synthesis of multivalent silica nanoparticles combining both enthalpic and entropic patchiness. Faraday Discussions, 2015, 181, 139-146.	1.6	32
50	Charge Detection Mass Spectrometry for the Characterization of Mass and Surface Area of Composite Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 10844-10849.	1.5	51
51	Molecularly imprinted hydrogels from colloidal crystals for the detection of progesterone. Polymer International, 2015, 64, 773-779.	1.6	12
52	Tuning Interior Nanogaps of Double-shelled Au/Ag Nanoboxes for Surface-Enhanced Raman Scattering. Scientific Reports, 2015, 5, 8382.	1.6	35
53	Towards a one-step method for preparing silica/polymer heterodimers and dimpled polymer particles. Polymer, 2015, 70, 118-126.	1.8	12
54	Plasmonic metamaterials for ultra-sensitive sensing: topological darkness. Rendiconti Lincei, 2015, 26, 175-182.	1.0	11

#	Article	IF	Citations
55	Inorganic Molybdenum Octahedral Nanosized Cluster Units, Versatile Functional Building Block for Nanoarchitectonics. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 189-204.	1.9	102
56	Sandwich-structured Fe₂O₃@SiO₂@Au nanoparticles with magnetoplasmonic responses. Journal of Materials Chemistry C, 2015, 3, 11645-11652.	2.7	13
57	Colocalized dark-field scattering, atomic force and surface-enhanced Raman scattering microscopic imaging of single gold nanoparticles. Journal of Optics (United Kingdom), 2015, 17, 114006.	1.0	15
58	Surface-enhanced spectroscopy on plasmonic oligomers assembled by AFM nanoxerography. Nanoscale, 2015, 7, 2009-2022.	2.8	17
59	Quasi-omnidirectional total light absorption in nanostructured gold surfaces. Optical Materials Express, 2014, 4, 1236.	1.6	11
60	Experimental evidence of exciton-plasmon coupling in densely packed dye doped core-shell nanoparticles obtained via microfluidic technique. Journal of Applied Physics, 2014, 116, .	1.1	3
61	Double strong exciton-plasmon coupling in gold nanoshells infiltrated with fluorophores. Applied Physics Letters, 2014, 104, 103103.	1.5	30
62	Regioselective Coating of Tetrapod-like Clusters with Silica. Molecular Crystals and Liquid Crystals, 2014, 604, 27-32.	0.4	3
63	New Insights into the Side-Face Structure, Growth Aspects, and Reactivity of Ag_n Nanoprisms. Langmuir, 2014, 30, 1424-1434.	1.6	26
64	Synthesis of nanoscaled poly(styrene-co-n-butyl acrylate)/silica particles with dumbbell- and snowman-like morphologies by emulsion polymerization. Polymer Chemistry, 2014, 5, 5609-5616.	1.9	12
65	Quasi-total omnidirectional light absorption in nanostructured gold films. Applied Physics A: Materials Science and Processing, 2014, 117, 471-475.	1.1	2
66	One-pot easily-processed TiO2 macroporous photoanodes (Ti-HIPE) for dye-sensitized solar cells. Solid State Sciences, 2014, 28, 81-89.	1.5	5
67	Synthesis of Size-Monodisperse Spherical Ag@SiO2 Nanoparticles and 3-D Assembly Assisted by Microfluidics. Langmuir, 2013, 29, 1790-1795.	1.6	24
68	Synthesis of hematite/silica/polymer composite colloids with a tunable morphology. Colloid and Polymer Science, 2013, 291, 187-192.	1.0	3
69	Hierarchical Macroâ€mesoporous Pt Deposits on Gold Microwires for Efficient Methanol Oxidation. Electroanalysis, 2013, 25, 888-894.	1.5	7
70	Optical properties of raspberry-like SiO<inf>2</inf>@M<inf>n</inf> nanoclusters. , 2013, , .		0
71	GHz dynamics of a single nanoparticle-substrate contact probed by femtosecond intrinsic common-path interferometry. , 2013, , .		0
72	Synthesis and Siteâ€Specific Functionalization of Tetravalent, Hexavalent, and Dodecavalent Silica Particles. Angewandte Chemie - International Edition, 2013, 52, 11068-11072.	7.2	64

#	Article	IF	Citations
73	Broadband spontaneous emission rate enhancement through the design of plasmonic nanoantennas. Optical Materials Express, 2012, 2, 566.	1.6	3
74	All-optical ultrafast spectroscopy of a single nanoparticle-substrate contact. Physical Review B, 2012, 86, .	1.1	52
75	Gain functionalized coreâ€“shell nanoparticles: the way to selectively compensate absorptive losses. Journal of Materials Chemistry, 2012, 22, 8846.	6.7	28
76	Inverse Opals of Molecularly Imprinted Hydrogels for the Detection of Bisphenol A and pH Sensing. Langmuir, 2012, 28, 1005-1012.	1.6	91
77	Spheres Growing on a Sphere: A Model to Predict the Morphology Yields of Colloidal Molecules Obtained through a Heterogeneous Nucleation Route. Langmuir, 2012, 28, 11575-11583.	1.6	13
78	Efficient Synthesis of Snowman- and Dumbbell-like Silica/Polymer Anisotropic Heterodimers through Emulsion Polymerization Using a Surface-Anchored Cationic Initiator. Macromolecules, 2012, 45, 7009-7018.	2.2	38
79	High-yield preparation of polystyrene/silica clusters of controlled morphology. Polymer Chemistry, 2012, 3, 1130.	1.9	72
80	Synthesis of HCN-like poly(methyl methacrylate)/polystyrene/silica colloidal molecules. Polymer Chemistry, 2012, 3, 3232.	1.9	7
81	Engineering of Complex Macroporous Materials Through Controlled Electrodeposition in Colloidal Superstructures. Advanced Functional Materials, 2012, 22, 538-545.	7.8	50
82	Photonic crystal pH sensor containing a planar defect for fast and enhanced response. Journal of Materials Chemistry, 2011, 21, 13052.	6.7	52
83	Gain induced optical transparency in metamaterials. Applied Physics Letters, 2011, 98, .	1.5	45
84	Time-resolved probing of the acoustic field radiated by a single submicron gold particle. , 2011, , .		0
85	Wavelength-dependent emission enhancement through the design of active plasmonic nanoantennas. Optics Express, 2011, 19, 17697.	1.7	9
86	Introduction of a planar defect in a molecularly imprinted photonic crystal sensor for the detection of bisphenol A. Journal of Colloid and Interface Science, 2011, 364, 18-23.	5.0	55
87	Design and elaboration of colloidal molecules: an overview. Chemical Society Reviews, 2011, 40, 941.	18.7	192
88	Design of Catalytically Active Cylindrical and Macroporous Gold Microelectrodes. Advanced Functional Materials, 2011, 21, 691-698.	7.8	46
89	Inhibition and exaltation of emission in layer-controlled colloidal photonic architectures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 373, 1-5.	2.3	8
90	Photo-acoustic response of a single 430 nm gold particle: Semi-analytical model and picosecond ultrasonics measurements. Journal of Physics: Conference Series, 2010, 214, 012046.	0.3	0

#	Article	IF	Citations
91	Polymeric Membranes from Colloidal Templates with Tunable Morphology. Macromolecular Reaction Engineering, 2010, 4, 445-452.	0.9	5
92	ElaboraciÃ³n de Membranas PolimÃ©ricas Porosas a partir de Cristales Coloidales. Informacion Tecnologica (discontinued), 2010, 21, .	0.1	0
93	Optical cavity modes in semicurved Fabryâ€“PÃ©rot resonators. Journal of Applied Physics, 2010, 108, 086109.	1.1	0
94	CoFe₂O₄â^TiO₂ and CoFe₂O₄â^ZnO Thin Film Nanostructures Elaborated from Colloidal Chemistry and Atomic Layer Deposition. Langmuir, 2010, 26, 18400-18407.	1.6	19
95	An Easy Way to Control the Morphology of Colloidal Polymer-Oxide Supraparticles through Seeded Dispersion Polymerization. Langmuir, 2010, 26, 6086-6090.	1.6	32
96	Outstanding Stability of Poorly-protected Pickering Emulsions. , 2010, , 13-18.		3
97	About the suitability of the seeded-dispersion polymerization technique for preparing micron-sized silica-polystyrene clusters. Journal of Materials Chemistry, 2010, 20, 9392.	6.7	23
98	Fine tuning of emission through the engineering of colloidal crystals. Physical Chemistry Chemical Physics, 2010, 12, 11993.	1.3	34
99	Nonaqueous solâ€“gel chemistry applied to atomic layer deposition: tuning of photonic band gap properties of silica opals. Nanoscale, 2010, 2, 786.	2.8	6
100	Optoacoustic response of a single submicronic gold particle revealed by the picosecond ultrasonics technique. Applied Physics Letters, 2009, 95, .	1.5	29
101	A Chemical Synthetic Route towards â€œColloidal Moleculesâ€• Angewandte Chemie - International Edition, 2009, 48, 361-365.	7.2	87
102	Production of large quantities of â€œJanusâ€•nanoparticles using wax-in-water emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 332, 57-62.	2.3	145
103	Building planar defects into colloidal crystals using particles of different chemical nature. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 343, 8-11.	2.3	12
104	Multiresponsive Hybrid Microgels and Hollow Capsules with a Layered Structure. Langmuir, 2009, 25, 4659-4667.	1.6	79
105	Effects of the Position of a Chemically or Size-Induced Planar Defect on the Optical Properties of Colloidal Crystals. Journal of Physical Chemistry C, 2009, 113, 14487-14492.	1.5	34
106	Planar submicronic silicaâ€“polystyrene particles obtained by substrate-directed shaping. Journal of Materials Chemistry, 2009, 19, 4225.	6.7	12
107	Multicomponent macroporous materials with a controlled architecture. Journal of Materials Chemistry, 2009, 19, 409-414.	6.7	12
108	Single-Crystalline Gold Nanoplates from a Commercial Gold Plating Solution. Journal of Nanoscience and Nanotechnology, 2009, 9, 2045-2050.	0.9	0

#	Article	IF	Citations
109	Synthesis of non-spherical gold nanoparticles. Gold Bulletin, 2008, 41, 195-207.	3.2	125
110	Patterning the Surface of Colloidal Microspheres and Fabrication of Nonspherical Particles. Angewandte Chemie - International Edition, 2008, 47, 4725-4728.	7.2	43
111	Periodic Distribution of Planar Defects in Colloidal Photonic Crystals. Advanced Materials, 2008, 20, 584-587.	11.1	29
112	Bio-inspired synthetic pathways and beyond: integrative chemistry. New Journal of Chemistry, 2008, 32, 1284.	1.4	76
113	New insights into the nucleation and growth of PS nodules on silicananoparticles by 3D cryo-electron tomography. Soft Matter, 2008, 4, 311-315.	1.2	29
114	Raman Enhancement of Azobenzene Monolayers on Substrates Prepared by Langmuirâ˜Blodgett Deposition and Electron-Beam Lithography Techniques. Langmuir, 2008, 24, 11313-11321.	1.6	71
115	Self-Assembly of Polyhedral Hybrid Colloidal Particles. Materials Research Society Symposia Proceedings, 2008, 1135, 60801.	0.1	0
116	Remotein vivoimaging of human skin corneocytes by means of an optical fiber bundle. Review of Scientific Instruments, 2007, 78, 053709.	0.6	11
117	Macroporous Ultramicroelectrodes for Improved Electroanalytical Measurements. Analytical Chemistry, 2007, 79, 533-539.	3.2	143
118	Pickering emulsions with stimulable particles: from highly- to weakly-covered interfaces. Physical Chemistry Chemical Physics, 2007, 9, 6455.	1.3	150
119	Langmuirâ€“Blodgett films of micron-sized organic and inorganic colloids. Physical Chemistry Chemical Physics, 2007, 9, 6385.	1.3	24
120	Formation, Structure, and Morphology of Triazole-Based Langmuirâ˜Blodgett Films. Langmuir, 2007, 23, 3110-3117.	1.6	36
121	Designing Organic/Inorganic Colloids by Heterophase Polymerization. Macromolecular Symposia, 2007, 248, 213-226.	0.4	30
122	Raspberry-like Gold Microspheres: Preparation and Electrochemical Characterization. Advanced Functional Materials, 2007, 17, 618-622.	7.8	61
123	Colloidal Crystals as Templates for Macroporous Carbon Electrodes of Controlled Thickness. Electroanalysis, 2007, 19, 379-384.	1.5	17
124	Improved enzyme immobilization for enhanced bioelectrocatalytic activity of porous electrodes. Electrochemistry Communications, 2007, 9, 2121-2127.	2.3	60
125	Three-Dimensional Opal-Like Silica Foams. Langmuir, 2006, 22, 5469-5475.	1.6	42
126	Nucleation of Polystyrene Latex Particles in the Presence of <I>Î³</I>-Methacryloxypropyltrimethoxysilane: Functionalized Silica Particles. Journal of Nanoscience and Nanotechnology, 2006, 6, 432-444.	0.9	48

#	Article	IF	Citations
127	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.	2.3	94
128	Elaboration of photonic crystal heterostructures by the Langmuirâ€“Blodgett method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 284-285, 229-233.	2.3	13
129	Tailoring planar defect in three-dimensional colloidal crystals. Chemical Physics Letters, 2006, 422, 251-255.	1.2	68
130	Tailored Mesostructuring and Biofunctionalization of Gold for Increased Electroactivity. Angewandte Chemie - International Edition, 2006, 45, 1317-1321.	7.2	165
131	Carbon Membranes of Controlled Thickness from Colloidal Crystals. Advanced Materials, 2006, 18, 1705-1708.	11.1	12
132	Engineered defects in three-dimensional colloidal crystals. , 2006, , .		0
133	Sinterability, Mechanical, and Electrical Properties of Al2O3/8YSZ Nanocomposites Prepared by Ultrasonic Spray Pyrolysis. Journal of Nanoscience and Nanotechnology, 2006, 6, 3404-3407.	0.9	2
134	The Langmuirâ€“Blodgett technique: A powerful tool to elaborate multilayer colloidal crystals. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 270-271, 148-152.	2.3	23
135	Colloidal photonic crystals obtained by the Langmuirâ€“Blodgett technique. Applied Surface Science, 2005, 246, 409-414.	3.1	52
136	Polyoxometalate Monolayers in Langmuir-Blodgett Films. Chemistry - A European Journal, 2005, 11, 3979-3987.	1.7	78
137	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
138	Engineering Three Dimensional Nanotextured Opal-Like Silica Foams. Materials Research Society Symposia Proceedings, 2005, 901, 1.	0.1	0
139	Engineered Three-dimensional Colloidal Crystals Containing a Planar Defect. Materials Research Society Symposia Proceedings, 2005, 901, 1.	0.1	0
140	Design and synthesis of Janus micro- and nanoparticles. Journal of Materials Chemistry, 2005, 15, 3745.	6.7	651
141	Hybrid Dissymmetrical Colloidal Particles. Chemistry of Materials, 2005, 17, 3338-3344.	3.2	149
142	Towards large amounts of Janus nanoparticles through a protectionâ€“deprotection route. Chemical Communications, 2005, , 5542.	2.2	94
143	Engineered Multilayer Colloidal Crystals with Tunable Optical Properties. Chemistry of Materials, 2005, 17, 4244-4249.	3.2	33
144	Surface Assisted Nucleation and Growth of Polymer Latexes on Organically-Modified Inorganic Particles. Macromolecular Symposia, 2005, 229, 32-46.	0.4	34

#	Article	IF	Citations
145	From Raspberry-like to Dumbbell-like Hybrid Colloids through Surface-assisted Nucleation and Growth of Polystyrene Nodules onto Macromonomer-modified Silica Nanoparticles. Materials Research Society Symposia Proceedings, 2004, 847, 292.	0.1	1
146	Three-dimensional colloidal crystals with a well-defined architecture. Journal of Colloid and Interface Science, 2004, 279, 471-478.	5.0	89
147	Triazole-Based Magnetic Langmuirâ^'Blodgett Films:â€‰ Paramagnetic to Spin-Crossover Behavior. Journal of Physical Chemistry B, 2004, 108, 15110-15116.	1.2	55
148	Synthesis of Daisy-Shaped and Multipod-like Silica/Polystyrene Nanocomposites. Nano Letters, 2004, 4, 1677-1682.	4.5	178
149	Layer-by-layer self-assembly of Prussian blue colloids. Journal of Colloid and Interface Science, 2003, 261, 330-335.	5.0	45
150	Ramified gold deposits at the gasâ^£liquid interface. Journal of Electroanalytical Chemistry, 2003, 544, 129-135.	1.9	4
151	Morphological Control of Gold Electrodeposits Grown at the Gas-Liquid Interface. Journal of the Electrochemical Society, 2003, 150, C175.	1.3	3
152	Synthesis of Colloidal Crystals of Controllable Thickness through the Langmuirâ^'Blodgett Technique. Chemistry of Materials, 2003, 15, 598-605.	3.2	269
153	Hybrid Organicâ^'Inorganic Langmuirâ^'Blodgett Films Starting from Colloidal Prussian Blue Solution. Langmuir, 2003, 19, 4688-4693.	1.6	44
154	Ring-opening metathesis polymerization on well defined silica nanoparticles leading to hybrid coreâ€“shell particles. Journal of Materials Chemistry, 2003, 13, 1920-1925.	6.7	31
155	Spontaneous Oscillations During The Electrodeposition of Gold Thin Films. Materials Research Society Symposia Proceedings, 2002, 749, 1.	0.1	0
156	Syntheses of Raspberrylike Silica/Polystyrene Materials. Chemistry of Materials, 2002, 14, 2354-2359.	3.2	208
157	Electroless formation of gold deposits under positively charged surfactant monolayers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 198-200, 401-407.	2.3	5
158	Control of the morphology of gold deposits grown at the gas/liquid interface. Materials Science and Engineering C, 2002, 22, 209-212.	3.8	0
159	Spontaneous oscillations in gold electrodeposition. Electrochemistry Communications, 2002, 4, 629-632.	2.3	13
160	Sub-micrometer silica spheres dissymmetrically decorated with gold nanoclusters. Materials Letters, 2001, 51, 478-484.	1.3	40
161	Electroless Deposition of Gold Films under Organized Monolayers. Journal of the Electrochemical Society, 2001, 148, C65.	1.3	9
162	Electrochemical Codeposition of Multilamellar Vesicles in an Inorganic Matrix. Journal of the Electrochemical Society, 2000, 147, 575.	1.3	5

#	Article	IF	Citations
163	Dissymmetric silica nanospheres: a first step to difunctionalized nanomaterials. Journal of Materials Chemistry, 2000, 10, 253-254.	6.7	43
164	Electrochemical and Photoelectrochemical Properties of New Hybrid Langmuirâ˜Blodgett Films Containing Prussian Blue and a Tris(Bipyridine) Ruthenium Derivative. Journal of Physical Chemistry B, 2000, 104, 9487-9490.	1.2	46
165	Electrodeposition of two-dimensional silver films under dihexadecyl phosphate monolayers. Materials Science and Engineering C, 1999, 8-9, 437-444.	3.8	12
166	Voltammetric and Impedance Analysis of Dimethyldioctadecylammonium/Prussian Blue Langmuirâ˜Blodgett Films on ITO Electrodes. Journal of Physical Chemistry B, 1999, 103, 9712-9716.	1.2	31
167	Langmuir-Blodgett Films Based on Prussian Blue Derivatives: towards New Hybrid Magnetic Materials. Molecular Crystals and Liquid Crystals, 1999, 335, 349-358.	0.3	8
168	Organic/inorganic Langmuirâ€“Blodgett films based on known layered solids: divalent and trivalent metal phosphonates. Thin Solid Films, 1998, 327-329, 331-335.	0.8	12
169	Photochemical Generation of Gold Nanoparticles in Langmuirâ˜Blodgett Films. Langmuir, 1998, 14, 708-713.	1.6	66
170	Electrochemistry of Langmuirâ˜Blodgett Films Based on Prussian Blue. Langmuir, 1998, 14, 6347-6349.	1.6	45
171	Magnetic Langmuir-Blodgett Films. Molecular Crystals and Liquid Crystals, 1998, 322, 91-98.	0.3	3
172	Synthesis of new donor-acceptor systems through the association of a tetrathiafulvalene core and fullerene units. Synthetic Metals, 1997, 87, 93-95.	2.1	16
173	Methanofullerenes with mesogenic groups: Bulk properties and Langmuir films. Journal of Physics and Chemistry of Solids, 1997, 58, 1753-1756.	1.9	3
174	Langmuir and Langmuirâ€”Blodgett films of mesogenic methanofullerenes. Synthetic Metals, 1996, 81, 271-275.	2.1	4
175	Langmuir and Langmuir-Blodgett films of C60 derivatives. Thin Solid Films, 1996, 284-285, 76-79.	0.8	18
176	Langmuir and Langmuir-Blodgett films of a perfluoro C60 derivative. Chemical Physics Letters, 1995, 242, 478-482.	1.2	12
177	Synthesis, Physical Characterizations, and Langmuir Films of New Methanofullerenes. The Journal of Physical Chemistry, 1995, 99, 9551-9557.	2.9	46
178	Monolayers and Langmuir-Blodgett films of a semifluorinated tetrathiafulvalene derivative. Thin Solid Films, 1994, 243, 575-580.	0.8	21
179	Dissymmetrical gold tagging on spherical silica nanoparticles. , 0, , 240-244.		0