

Serge Ravaine

List of Publications by Year in descending order

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179
papers

6,821
citations

57719

44
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69214

77
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189
all docs

189
docs citations

189
times ranked

7077
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of Janus micro- and nanoparticles. <i>Journal of Materials Chemistry</i> , 2005, 15, 3745.	6.7	651
2	Synthesis of Colloidal Crystals of Controllable Thickness through the Langmuir-Blodgett Technique. <i>Chemistry of Materials</i> , 2003, 15, 598-605.	3.2	269
3	From colloidal particles to photonic crystals: advances in self-assembly and their emerging applications. <i>Chemical Society Reviews</i> , 2021, 50, 5898-5951.	18.7	232
4	Syntheses of Raspberry-like Silica/Polystyrene Materials. <i>Chemistry of Materials</i> , 2002, 14, 2354-2359.	3.2	208
5	Design and elaboration of colloidal molecules: an overview. <i>Chemical Society Reviews</i> , 2011, 40, 941.	18.7	192
6	Synthesis of Daisy-Shaped and Multipod-like Silica/Polystyrene Nanocomposites. <i>Nano Letters</i> , 2004, 4, 1677-1682.	4.5	178
7	Tailored Mesostructuring and Biofunctionalization of Gold for Increased Electroactivity. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1317-1321.	7.2	165
8	Pickering emulsions with stimuable particles: from highly- to weakly-covered interfaces. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6455.	1.3	150
9	Hybrid Dissymmetrical Colloidal Particles. <i>Chemistry of Materials</i> , 2005, 17, 3338-3344.	3.2	149
10	Production of large quantities of Janus nanoparticles using wax-in-water emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 332, 57-62.	2.3	145
11	Macroporous Ultramicroelectrodes for Improved Electroanalytical Measurements. <i>Analytical Chemistry</i> , 2007, 79, 533-539.	3.2	143
12	Synthesis of non-spherical gold nanoparticles. <i>Gold Bulletin</i> , 2008, 41, 195-207.	3.2	125
13	Colloidal molecules and patchy particles: complementary concepts, synthesis and self-assembly. <i>Chemical Society Reviews</i> , 2020, 49, 1955-1976.	18.7	118
14	Inorganic Molybdenum Octahedral Nanosized Cluster Units, Versatile Functional Building Block for Nanoarchitectonics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 189-204.	1.9	102
15	Towards large amounts of Janus nanoparticles through a protection-deprotection route. <i>Chemical Communications</i> , 2005, , 5542.	2.2	94
16	Synthesis of hybrid colloidal particles: From snowman-like to raspberry-like morphologies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 284-285, 78-83.	2.3	94
17	Synthesis and assembly of patchy particles: Recent progress and future prospects. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 30, 45-53.	3.4	92
18	Inverse Opals of Molecularly Imprinted Hydrogels for the Detection of Bisphenol A and pH Sensing. <i>Langmuir</i> , 2012, 28, 1005-1012.	1.6	91

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19	Three-dimensional colloidal crystals with a well-defined architecture. <i>Journal of Colloid and Interface Science</i> , 2004, 279, 471-478.	5.0	89
20	A Chemical Synthetic Route towards "Colloidal Molecules". <i>Angewandte Chemie - International Edition</i> , 2009, 48, 361-365.	7.2	87
21	Multiresponsive Hybrid Microgels and Hollow Capsules with a Layered Structure. <i>Langmuir</i> , 2009, 25, 4659-4667.	1.6	79
22	Patchy colloidal particles for programmed self-assembly. <i>Comptes Rendus Chimie</i> , 2016, 19, 173-182.	0.2	79
23	Polyoxometalate Monolayers in Langmuir-Blodgett Films. <i>Chemistry - A European Journal</i> , 2005, 11, 3979-3987.	1.7	78
24	Bio-inspired synthetic pathways and beyond: integrative chemistry. <i>New Journal of Chemistry</i> , 2008, 32, 1284.	1.4	76
25	Organization of Microgels at the Air-Water Interface under Compression: Role of Electrostatics and Cross-Linking Density. <i>Langmuir</i> , 2017, 33, 7968-7981.	1.6	75
26	High-yield preparation of polystyrene/silica clusters of controlled morphology. <i>Polymer Chemistry</i> , 2012, 3, 1130.	1.9	72
27	Raman Enhancement of Azobenzene Monolayers on Substrates Prepared by Langmuir-Blodgett Deposition and Electron-Beam Lithography Techniques. <i>Langmuir</i> , 2008, 24, 11313-11321.	1.6	71
28	Tailoring planar defect in three-dimensional colloidal crystals. <i>Chemical Physics Letters</i> , 2006, 422, 251-255.	1.2	68
29	Photochemical Generation of Gold Nanoparticles in Langmuir-Blodgett Films. <i>Langmuir</i> , 1998, 14, 708-713.	1.6	66
30	Synthesis and Site-Specific Functionalization of Tetravalent, Hexavalent, and Dodecavalent Silica Particles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11068-11072.	7.2	64
31	Raspberry-like Gold Microspheres: Preparation and Electrochemical Characterization. <i>Advanced Functional Materials</i> , 2007, 17, 618-622.	7.8	61
32	Improved enzyme immobilization for enhanced bioelectrocatalytic activity of porous electrodes. <i>Electrochemistry Communications</i> , 2007, 9, 2121-2127.	2.3	60
33	Triazole-Based Magnetic Langmuir-Blodgett Films: Paramagnetic to Spin-Crossover Behavior. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15110-15116.	1.2	55
34	Introduction of a planar defect in a molecularly imprinted photonic crystal sensor for the detection of bisphenol A. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 18-23.	5.0	55
35	Colloidal photonic crystals obtained by the Langmuir-Blodgett technique. <i>Applied Surface Science</i> , 2005, 246, 409-414.	3.1	52
36	Photonic crystal pH sensor containing a planar defect for fast and enhanced response. <i>Journal of Materials Chemistry</i> , 2011, 21, 13052.	6.7	52

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37	All-optical ultrafast spectroscopy of a single nanoparticle-substrate contact. <i>Physical Review B</i> , 2012, 86, .	1.1	52
38	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.	1.5	51
39	Engineering of Complex Macroporous Materials Through Controlled Electrodeposition in Colloidal Superstructures. <i>Advanced Functional Materials</i> , 2012, 22, 538-545.	7.8	50
40	Nucleation of Polystyrene Latex Particles in the Presence of γ -Methacryloxypropyltrimethoxysilane: Functionalized Silica Particles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 432-444.	0.9	48
41	Synthesis, Physical Characterizations, and Langmuir Films of New Methanofullerenes. <i>The Journal of Physical Chemistry</i> , 1995, 99, 9551-9557.	2.9	46
42	Electrochemical and Photoelectrochemical Properties of New Hybrid Langmuir-Blodgett Films Containing Prussian Blue and a Tris(Bipyridine) Ruthenium Derivative. <i>Journal of Physical Chemistry B</i> , 2000, 104, 9487-9490.	1.2	46
43	Design of Catalytically Active Cylindrical and Macroporous Gold Microelectrodes. <i>Advanced Functional Materials</i> , 2011, 21, 691-698.	7.8	46
44	Electrochemistry of Langmuir-Blodgett Films Based on Prussian Blue. <i>Langmuir</i> , 1998, 14, 6347-6349.	1.6	45
45	Layer-by-layer self-assembly of Prussian blue colloids. <i>Journal of Colloid and Interface Science</i> , 2003, 261, 330-335.	5.0	45
46	Gain induced optical transparency in metamaterials. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	45
47	Hybrid Organic-Inorganic Langmuir-Blodgett Films Starting from Colloidal Prussian Blue Solution. <i>Langmuir</i> , 2003, 19, 4688-4693.	1.6	44
48	Dissymmetric silica nanospheres: a first step to difunctionalized nanomaterials. <i>Journal of Materials Chemistry</i> , 2000, 10, 253-254.	6.7	43
49	Patterning the Surface of Colloidal Microspheres and Fabrication of Nonspherical Particles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4725-4728.	7.2	43
50	Three-Dimensional Opal-Like Silica Foams. <i>Langmuir</i> , 2006, 22, 5469-5475.	1.6	42
51	Sub-micrometer silica spheres dissymmetrically decorated with gold nanoclusters. <i>Materials Letters</i> , 2001, 51, 478-484.	1.3	40
52	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.	2.2	38
53	Nonisotropic Self-Assembly of Nanoparticles: From Compact Packing to Functional Aggregates. <i>Advanced Materials</i> , 2018, 30, e1706558.	11.1	38
54	Formation, Structure, and Morphology of Triazole-Based Langmuir-Blodgett Films. <i>Langmuir</i> , 2007, 23, 3110-3117.	1.6	36

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55	Robust raspberry-like metallo-dielectric nanoclusters of critical sizes as SERS substrates. <i>Nanoscale</i> , 2017, 9, 5725-5736.	2.8	36
56	Tuning Interior Nanogaps of Double-shelled Au/Ag Nanoboxes for Surface-Enhanced Raman Scattering. <i>Scientific Reports</i> , 2015, 5, 8382.	1.6	35
57	Bottom-Up Assembly and Applications of Photonic Materials. <i>Crystals</i> , 2016, 6, 54.	1.0	35
58	Surface Assisted Nucleation and Growth of Polymer Latexes on Organically-Modified Inorganic Particles. <i>Macromolecular Symposia</i> , 2005, 229, 32-46.	0.4	34
59	Effects of the Position of a Chemically or Size-Induced Planar Defect on the Optical Properties of Colloidal Crystals. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14487-14492.	1.5	34
60	Fine tuning of emission through the engineering of colloidal crystals. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11993.	1.3	34
61	Engineered Multilayer Colloidal Crystals with Tunable Optical Properties. <i>Chemistry of Materials</i> , 2005, 17, 4244-4249.	3.2	33
62	An Easy Way to Control the Morphology of Colloidal Polymer-Oxide Supraparticles through Seeded Dispersion Polymerization. <i>Langmuir</i> , 2010, 26, 6086-6090.	1.6	32
63	Synthesis of multivalent silica nanoparticles combining both enthalpic and entropic patchiness. <i>Faraday Discussions</i> , 2015, 181, 139-146.	1.6	32
64	Voltammetric and Impedance Analysis of Dimethyldioctadecylammonium/Prussian Blue Langmuir-Blodgett Films on ITO Electrodes. <i>Journal of Physical Chemistry B</i> , 1999, 103, 9712-9716.	1.2	31
65	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
66	Designing Organic/Inorganic Colloids by Heterophase Polymerization. <i>Macromolecular Symposia</i> , 2007, 248, 213-226.	0.4	30
67	Double strong exciton-plasmon coupling in gold nanoshells infiltrated with fluorophores. <i>Applied Physics Letters</i> , 2014, 104, 103103.	1.5	30
68	Multipod-like silica/polystyrene clusters. <i>Nanoscale</i> , 2016, 8, 5454-5469.	2.8	30
69	Periodic Distribution of Planar Defects in Colloidal Photonic Crystals. <i>Advanced Materials</i> , 2008, 20, 584-587.	11.1	29
70	New insights into the nucleation and growth of PS nodules on silicananoparticles by 3D cryo-electron tomography. <i>Soft Matter</i> , 2008, 4, 311-315.	1.2	29
71	Optoacoustic response of a single submicronic gold particle revealed by the picosecond ultrasonics technique. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	29
72	Gain functionalized core-shell nanoparticles: the way to selectively compensate absorptive losses. <i>Journal of Materials Chemistry</i> , 2012, 22, 8846.	6.7	28

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73	Quaternary Ammonium Groups Exposed at the Surface of Silica Nanoparticles Suitable for DNA Complexation in the Presence of Cationic Lipids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6401-6411.	1.2	28
74	New Insights into the Side-Face Structure, Growth Aspects, and Reactivity of Ag Nanoprisms. <i>Langmuir</i> , 2014, 30, 1424-1434.	1.6	26
75	Colloidal Molecules from Valence-Endowed Nanoparticles by Covalent Chemistry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15754-15757.	7.2	26
76	Bulk Photodriven CO ₂ Conversion through TiO ₂ @Si(HIPE) Monolithic Macrocellular Foams. <i>Advanced Functional Materials</i> , 2019, 29, 1807767.	7.8	26
77	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.	5.0	25
78	Langmuir-Blodgett films of micron-sized organic and inorganic colloids. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6385.	1.3	24
79	Synthesis of Size-Monodisperse Spherical Ag@SiO ₂ Nanoparticles and 3-D Assembly Assisted by Microfluidics. <i>Langmuir</i> , 2013, 29, 1790-1795.	1.6	24
80	The Langmuir-Blodgett technique: A powerful tool to elaborate multilayer colloidal crystals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 270-271, 148-152.	2.3	23
81	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
82	Monolayers and Langmuir-Blodgett films of a semifluorinated tetrathiafulvalene derivative. <i>Thin Solid Films</i> , 1994, 243, 575-580.	0.8	21
83	High optical magnetism of dodecahedral plasmonic meta-atoms. <i>Nanophotonics</i> , 2019, 8, 549-558.	2.9	21
84	CoFe ₂ O ₄ @TiO ₂ and CoFe ₂ O ₄ @ZnO Thin Film Nanostructures Elaborated from Colloidal Chemistry and Atomic Layer Deposition. <i>Langmuir</i> , 2010, 26, 18400-18407.	1.6	19
85	Electrodeposited Negative Index Metamaterials with Visible and Near Infrared Response. <i>Advanced Optical Materials</i> , 2020, 8, 2000865.	3.6	19
86	Langmuir and Langmuir-Blodgett films of C ₆₀ derivatives. <i>Thin Solid Films</i> , 1996, 284-285, 76-79.	0.8	18
87	Colloidal Crystals as Templates for Macroporous Carbon Electrodes of Controlled Thickness. <i>Electroanalysis</i> , 2007, 19, 379-384.	1.5	17
88	Bottom-Up Generation of Miniaturized Coaxial Double Electrodes with Tunable Porosity. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500192.	1.9	17
89	Surface-enhanced spectroscopy on plasmonic oligomers assembled by AFM nanoxerography. <i>Nanoscale</i> , 2015, 7, 2009-2022.	2.8	17
90	All-optical in-depth detection of the acoustic wave emitted by a single gold nanorod. <i>Physical Review B</i> , 2018, 97, .	1.1	17

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91	Synthesis of Colloidal Molecules: Recent Advances and Perspectives. Chemistry - an Asian Journal, 2019, 14, 3232-3239.	1.7	17
92	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
93	Templated growth of gold satellites on dimpled silica cores. Faraday Discussions, 2016, 191, 105-116.	1.6	16
94	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
95	Tunable index metamaterials made by bottom-up approaches. Nanoscale Advances, 2019, 1, 1070-1076.	2.2	14
96	Spontaneous oscillations in gold electrodeposition. Electrochemistry Communications, 2002, 4, 629-632.	2.3	13
97	Elaboration of photonic crystal heterostructures by the Langmuir-Blodgett method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 284-285, 229-233.	2.3	13
98	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
99	Sandwich-structured Fe ₂ O ₃ @SiO ₂ @Au nanoparticles with magnetoplasmonic responses. Journal of Materials Chemistry C, 2015, 3, 11645-11652.	2.7	13
100	Acoustic Vibrations of Core-Shell Nanospheres: Probing the Mechanical Contact at the Metal-Dielectric Interface. Journal of Physical Chemistry C, 2018, 122, 9127-9133.	1.5	13
101	Langmuir and Langmuir-Blodgett films of a perfluoro C60 derivative. Chemical Physics Letters, 1995, 242, 478-482.	1.2	12
102	Organic/inorganic Langmuir-Blodgett films based on known layered solids: divalent and trivalent metal phosphonates. Thin Solid Films, 1998, 327-329, 331-335.	0.8	12
103	Electrodeposition of two-dimensional silver films under dihexadecyl phosphate monolayers. Materials Science and Engineering C, 1999, 8-9, 437-444.	3.8	12
104	Carbon Membranes of Controlled Thickness from Colloidal Crystals. Advanced Materials, 2006, 18, 1705-1708.	11.1	12
105	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
106	Planar submicronic silica-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	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

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109	Battling absorptive losses by plasmon-exciton coupling in multimeric nanostructures. RSC Advances, 2015, 5, 53245-53254.	1.7	12
110	Molecularly imprinted hydrogels from colloidal crystals for the detection of progesterone. Polymer International, 2015, 64, 773-779.	1.6	12
111	Towards a one-step method for preparing silica/polymer heterodimers and dimpled polymer particles. Polymer, 2015, 70, 118-126.	1.8	12
112	Remote in vivo imaging of human skin corneocytes by means of an optical fiber bundle. Review of Scientific Instruments, 2007, 78, 053709.	0.6	11
113	Quasi-omnidirectional total light absorption in nanostructured gold surfaces. Optical Materials Express, 2014, 4, 1236.	1.6	11
114	Plasmonic metamaterials for ultra-sensitive sensing: topological darkness. Rendiconti Lincei, 2015, 26, 175-182.	1.0	11
115	Miniaturized Electrochemical Device from Assembled Cylindrical Macroporous Gold Electrodes. ChemElectroChem, 2016, 3, 2031-2035.	1.7	11
116	Morphological Design of Gold Nanopillar Arrays and Their Optical Properties. Journal of Physical Chemistry C, 2016, 120, 1178-1185.	1.5	11
117	Colloidal Alchemy: Conversion of Polystyrene Nanoclusters into Gold. ChemNanoMat, 2017, 3, 160-163.	1.5	11
118	Fast and Ample Light Controlled Actuation of Monodisperse All-DNA Microgels. Advanced Functional Materials, 2021, 31, 2010396.	7.8	11
119	Colloidal chemistry with patchy silica nanoparticles. Beilstein Journal of Nanotechnology, 2018, 9, 2989-2998.	1.5	10
120	Self-assembly of colloidal polymers from two-patch silica nanoparticles. Nano Research, 2020, 13, 3371-3376.	5.8	10
121	Electroless Deposition of Gold Films under Organized Monolayers. Journal of the Electrochemical Society, 2001, 148, C65.	1.3	9
122	Wavelength-dependent emission enhancement through the design of active plasmonic nanoantennas. Optics Express, 2011, 19, 17697.	1.7	9
123	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
124	Toward Huygens TM Sources with Dodecahedral Plasmonic Clusters. Nano Letters, 2021, 21, 2046-2052.	4.5	9
125	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
126	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

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127	Energy Transfer and Interference by Collective Electromagnetic Coupling. <i>Nano Letters</i> , 2019, 19, 5790-5795.	4.5	8
128	Versatile template-directed synthesis of gold nanocages with a predefined number of windows. <i>Nanoscale Horizons</i> , 2021, 6, 311-318.	4.1	8
129	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.	2.3	8
130	Synthesis of HCN-like poly(methyl methacrylate)/polystyrene/silica colloidal molecules. <i>Polymer Chemistry</i> , 2012, 3, 3232.	1.9	7
131	Hierarchical Macro-mesoporous Pt Deposits on Gold Microwires for Efficient Methanol Oxidation. <i>Electroanalysis</i> , 2013, 25, 888-894.	1.5	7
132	One-pot synthesis of gold nanodimers and their use as surface-enhanced Raman scattering tags. <i>New Journal of Chemistry</i> , 2016, 40, 7299-7302.	1.4	7
133	Nonaqueous sol-gel chemistry applied to atomic layer deposition: tuning of photonic band gap properties of silica opals. <i>Nanoscale</i> , 2010, 2, 786.	2.8	6
134	Nanostructured gold films exhibiting almost complete absorption of light at visible wavelengths. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 247-251.	2.3	6
135	Electrochemical Codeposition of Multilamellar Vesicles in an Inorganic Matrix. <i>Journal of the Electrochemical Society</i> , 2000, 147, 575.	1.3	5
136	Electroless formation of gold deposits under positively charged surfactant monolayers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 401-407.	2.3	5
137	Polymeric Membranes from Colloidal Templates with Tunable Morphology. <i>Macromolecular Reaction Engineering</i> , 2010, 4, 445-452.	0.9	5
138	One-pot easily-processed TiO ₂ macroporous photoanodes (Ti-HIPE) for dye-sensitized solar cells. <i>Solid State Sciences</i> , 2014, 28, 81-89.	1.5	5
139	Colloidal Molecules from Valence-Endowed Nanoparticles by Covalent Chemistry. <i>Angewandte Chemie</i> , 2018, 130, 15980-15983.	1.6	5
140	Langmuir and Langmuir-Blodgett films of mesogenic methanofullerenes. <i>Synthetic Metals</i> , 1996, 81, 271-275.	2.1	4
141	Ramified gold deposits at the gas-liquid interface. <i>Journal of Electroanalytical Chemistry</i> , 2003, 544, 129-135.	1.9	4
142	Ultrafast microscopy of the vibrational landscape of a single nanoparticle. <i>Applied Physics Letters</i> , 2019, 114, 091904.	1.5	4
143	Methanofullerenes with mesogenic groups: Bulk properties and Langmuir films. <i>Journal of Physics and Chemistry of Solids</i> , 1997, 58, 1753-1756.	1.9	3
144	Magnetic Langmuir-Blodgett Films. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 322, 91-98.	0.3	3

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145	Morphological Control of Gold Electrodeposits Grown at the Gas-Liquid Interface. Journal of the Electrochemical Society, 2003, 150, C175.	1.3	3
146	Outstanding Stability of Poorly-protected Pickering Emulsions. , 2010, , 13-18.		3
147	Broadband spontaneous emission rate enhancement through the design of plasmonic nanoantennas. Optical Materials Express, 2012, 2, 566.	1.6	3
148	Synthesis of hematite/silica/polymer composite colloids with a tunable morphology. Colloid and Polymer Science, 2013, 291, 187-192.	1.0	3
149	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
150	Regioselective Coating of Tetrapod-like Clusters with Silica. Molecular Crystals and Liquid Crystals, 2014, 604, 27-32.	0.4	3
151	Fabrication of broadband omnidirectional non-reflective gold surfaces by electrodeposition. International Journal of Higher Education Management, 2015, 1, 11-16.	1.0	3
152	Synthesis of tetrahedral patchy nanoparticles with controlled patch size. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	3
153	Polyhedral plasmonic nanoclusters through multi-step colloidal chemistry. Materials Horizons, 2021, 8, 565-570.	6.4	3
154	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
155	Solvent-Induced Assembly of One-Patch Silica Nanoparticles into Robust Clusters, Wormlike Chains and Bilayers. Nanomaterials, 2022, 12, 100.	1.9	3
156	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
157	Quasi-total omnidirectional light absorption in nanostructured gold films. Applied Physics A: Materials Science and Processing, 2014, 117, 471-475.	1.1	2
158	Regioselective functionalization of dimpled silica particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 510, 239-244.	2.3	2
159	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
160	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
161	Recent advances in the synthesis of anisotropic particles. , 2018, , 1-35.		1
162	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

#	ARTICLE	IF	CITATIONS
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