Goutam De

List of Publications by Year in descending order

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127	3,465	126907	182427
papers	citations	33 h-index	51 g-index

128	128	128	5260
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Facile Synthesis of PEG-Coated Magnetite (Fe₃O₄) Nanoparticles and Their Prevention of the Reduction of Cytochrome C. ACS Applied Materials & Interfaces, 2012, 4, 142-149.	8.0	200
2	Stable Ni Nanoparticleâ€“Reduced Graphene Oxide Composites for the Reduction of Highly Toxic Aqueous Cr(VI) at Room Temperature. Langmuir, 2014, 30, 3209-3216.	3.5	143
3	Dense silica microspheres from organic and inorganic acid hydrolysis of TEOS. Journal of Non-Crystalline Solids, 2000, 272, 119-126.	3.1	113
4	Pd nanoparticles supported mesoporous Î³-Al2O3 film as a reusable catalyst for reduction of toxic CrVI to CrIII in aqueous solution. Applied Catalysis A: General, 2011, 396, 34-39.	4.3	108
5	Hydrolysisâ€“condensation reactions of TEOS in the presence of acetic acid leading to the generation of glass-like silica microspheres in solution at room temperature. Journal of Materials Chemistry, 2000, 10, 2289-2293.	6.7	104
6	Anisotropic Gold Nanoparticle Doped Mesoporous Boehmite Films and Their Use as Reusable Catalysts in Electron Transfer Reactions. Langmuir, 2010, 26, 12177-12184.	3.5	85
7	Nonlinear optical properties and surface-plasmon enhanced optical limiting in Agâ€“Cu nanoclusters co-doped in SiO2 Sol-Gel films. Journal of Applied Physics, 2004, 96, 6717-6723.	2.5	82
8	Synthesis of Au nanoparticle doped SiO2â€“TiO2 films: tuning of Au surface plasmon band position through controlling the refractive index. Journal of Materials Chemistry, 2005, 15, 3278.	6.7	79
9	Pd/Cu bimetallic nanoparticles embedded in macroporous ion-exchange resins: an excellent heterogeneous catalyst for the Sonogashira reaction. Journal of Materials Chemistry A, 2014, 2, 3986.	10.3	79
10	Superhydrophobic Films on Glass Surface Derived from Trimethylsilanized Silica Gel Nanoparticles. ACS Applied Materials & Interfaces, 2011, 3, 3440-3447.	8.0	74
11	Synthesis of Thick Mesoporous Î³-Alumina Films, Loading of Pt Nanoparticles, and Use of the Composite Film as a Reusable Catalyst. ACS Applied Materials & Interfaces, 2009, 1, 833-840.	8.0	69
12	Magic sized ZnS quantum dots as a highly sensitive and selective fluorescence sensor probe for Ag⁺ions. Analyst, The, 2012, 137, 765-772.	3.5	69
13	Cu₂O Nanoparticles Anchored on Amine-Functionalized Graphite Nanosheet: A Potential Reusable Catalyst. Langmuir, 2015, 31, 5210-5219.	3.5	61
14	Auâ€“Pt alloy nanocrystals incorporated in silica films. Journal of Materials Chemistry, 2005, 15, 891-894.	6.7	58
15	High Raman Enhancing Shape-Tunable Ag Nanoplates in Alumina: A Reliable and Efficient SERS Technique. ACS Applied Materials & Interfaces, 2012, 4, 3330-3334.	8.0	57
16	Electrochemical energy storage in montmorillonite K10 clay based composite as supercapacitor using ionic liquid electrolyte. Journal of Colloid and Interface Science, 2016, 464, 73-82.	9.4	55
17	Carbon Dots from a Single Source Exhibiting Tunable Luminescent Colors through the Modification of Surface Functional Groups in ORMOSIL Films. Journal of Physical Chemistry C, 2017, 121, 28106-28116.	3.1	55
18	A New Approach for the Synthesis of Auâ^'Ag Alloy Nanoparticle Incorporated SiO2 Films. Chemistry of Materials, 2005, 17, 6161-6166.	6.7	54

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19	Agâ^'TiO₂ Nanoparticle Codoped SiO₂ Films on ZrO₂ Barrier-Coated Glass Substrates with Antibacterial Activity in Ambient Condition. ACS Applied Materials & Interfaces, 2010, 2, 2540-2546.	8.0	53
20	Au@Pd Coreâ^'Shell Nanoparticle Incorporated Alumina Sols and Coatings: Transformation of Au@Pd to Auâ^'Pd Alloy Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 9101-9107.	3.1	47
21	Pdâ€"Ni alloy nanoparticle doped mesoporous SiO₂film: the sacrificial role of Ni to resist Pd-oxidation in the Câ€"C coupling reaction. Dalton Transactions, 2014, 43, 13325.	3.3	43
22	Preparation of uniformly dispersed copper nanocluster doped silica glasses by the solâ€"gel process. Journal of Materials Chemistry, 2001, 11, 3326-3332.	6.7	40
23	Inorganicâ^'Organic Nanocomposite Based Hard Coatings on Plastics Using In Situ Generated Nano-SiO₂ Bonded with â‰¡Siâ€"Oâ€"Siâ€"PEO Hybrid Network. Industrial & Engineering Chemistry Research, 2009, 48, 4326-4333.	3.7	40
24	Attenuation of the Early Events of Î±-Synuclein Aggregation: A Fluorescence Correlation Spectroscopy and Laser Scanning Microscopy Study in the Presence of Surface-Coated Fe₃O₄ Nanoparticles. Langmuir, 2015, 31, 1469-1478.	3.5	40
25	Highly ordered cubic mesoporous electrospun SiO2 nanofibers. Chemical Communications, 2013, 49, 6322.	4.1	38
26	Covalently functionalized reduced graphene oxide by organically modified silica: a facile synthesis of electrically conducting black coatings on glass. Journal of Materials Chemistry, 2012, 22, 24690.	6.7	37
27	Electrospun TiO₂â€"rGO Composite Nanofibers with Ordered Mesopores by Molecular Level Assembly: A High Performance Anode Material for Lithiumâ€ion Batteries. Advanced Materials Interfaces, 2016, 3, 1600761.	3.7	37
28	In Situ Mg/MgO-Embedded Mesoporous Carbon Derived from Magnesium 1,4-Benzenedicarboxylate Metal Organic Framework as Sustainable Liâ€"S Battery Cathode Support. ACS Omega, 2017, 2, 6481-6491.	3.5	37
29	Electrospun anatase TiO₂nanofibers with ordered mesoporosity. Journal of Materials Chemistry A, 2014, 2, 19029-19035.	10.3	36
30	Two-Dimensional Au and Auâ^'Cu Alloy Nanocrystals with Orientation in (111) Plane Embedded in Glassy Silica Filmsâ€¡. Journal of Physical Chemistry B, 2003, 107, 13597-13600.	2.6	34
31	Nonlinear Optical Absorption and Switching Properties of Gold Nanoparticle Doped SiO₂â€"TiO₂ Solâ€"Gel Films. Journal of Nanoscience and Nanotechnology, 2006, 6, 1990-1994.	0.9	34
32	Reversible transformations of silver oxide and metallic silver nanoparticles inside SiO2 films. Materials Research Bulletin, 2009, 44, 355-359.	5.2	34
33	Stabilized Cu₂O Nanoparticles on Macroporous Polystyrene Resins [Cu₂O@ARF]: Improved and Reusable Heterogeneous Catalyst for On-Water Synthesis of Triazoles via Click Reaction. Industrial & Engineering Chemistry Research, 2017, 56, 11726-11733.	3.7	34
34	Thermal Investigation of Nickel(II) Diamine Complexes in Solid State. Bulletin of the Chemical Society of Japan, 1983, 56, 3145-3151.	3.2	33
35	Copper-ruby monoliths by the sol-gel process. Journal of Non-Crystalline Solids, 1996, 201, 250-255.	3.1	33
36	Sol-Gel Synthesis of Metal Nanoclusters-Silica Composite Films. Journal of Sol-Gel Science and Technology, 1998, 11, 289-298.	2.4	33

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37	Nanocrystalline mesoporous palladium activated tin oxide thin films as room-temperature hydrogen gas sensors. Chemical Communications, 2007, , 1840-1842.	4.1	32
38	Reduced graphene oxide supported Ni nanoparticles: a high performance reusable heterogeneous catalyst for Kumadaâ€“Corriu cross-coupling reactions. RSC Advances, 2014, 4, 35442.	3.6	30
39	Size Evolution of Protein-Protected Gold Clusters in Solution: A Combined SAXSâ€“MS Investigation. Journal of Physical Chemistry C, 2015, 119, 2148-2157.	3.1	29
40	Controlled and stepwise generation of Cu2O, Cu2O@Cu and Cu nanoparticles inside the transparent alumina films and their catalytic activity. RSC Advances, 2012, 2, 9606.	3.6	28
41	Host-Mediated Synthesis of Cobalt Aluminate/Î³-Alumina Nanoflakes: A Dispersible Composite Pigment with High Catalytic Activities. ACS Applied Materials & Interfaces, 2012, 4, 228-234.	8.0	28
42	Synthesis of amine functionalized graphite nanosheets and their water-soluble derivative for drug loading and controlled release. New Journal of Chemistry, 2015, 39, 2451-2458.	2.8	28
43	Gold-Nanocluster-Doped Inorganicâ"Organic Hybrid Coatings on Polycarbonate and Isolation of Shaped Gold Microcrystals from the Coating Sol. Chemistry of Materials, 2001, 13, 4239-4246.	6.7	27
44	Nanorods assembly of mesoporous boehmite film on glass: an efficient catalyst for permanganate reduction to MnO2 nanoparticles. Journal of Materials Chemistry, 2010, 20, 3890.	6.7	27
45	Spontaneous generation and shape conversion of silver nanoparticles in alumina sol, and shaped silver nanoparticle incorporated alumina films. Journal of Materials Chemistry, 2011, 21, 6072.	6.7	27
46	Facile synthesis of hexagonally ordered mesoporous aluminum oxide thin films with high catalytic activity. Microporous and Mesoporous Materials, 2012, 158, 187-194.	4.4	27
47	Ultrafast Charge Delocalization Dynamics of Ambient Stable CsPbBr₃ Nanocrystals Encapsulated in Polystyrene Fiber. Chemistry - A European Journal, 2021, 27, 683-691.	3.3	26
48	Silver-nanocluster-doped inorganicâ€“organic hybrid coatings on polycarbonate substrates. Journal of Non-Crystalline Solids, 2001, 288, 221-225.	3.1	25
49	Porous SiO2 nanofiber grafted novel bioactive glassâ€“ceramic coating: A structural scaffold for uniform apatite precipitation and oriented cell proliferation on inert implant. Materials Science and Engineering C, 2016, 62, 206-214.	7.3	25
50	Synthesis of Equimolar Pdâ€“Ru Alloy Nanoparticles Incorporated Mesoporous Alumina Films: A High Performance Reusable Film Catalyst. Industrial & Engineering Chemistry Research, 2013, 52, 15817-15823.	3.7	24
51	Oriented Auâ€“Cu nanoalloy particle incorporated SiO2films using a new layer by layer deposition technique. Journal of Materials Chemistry, 2007, 17, 493-498.	6.7	23
52	Au nanoparticles in alumina sols and coatings. Journal of Materials Chemistry, 2008, 18, 2816.	6.7	22
53	A facile synthesis of cubic (Im3Ì„m) alumina films on glass with potential catalytic activity. Chemical Communications, 2012, 48, 3333.	4.1	22
54	Î³â€Alumina Nanorod/Reduced Graphene Oxide as Support for Poly(ethylenimine) to Capture Carbon Dioxide from Flue Gas. Energy Technology, 2016, 4, 1409-1419.	3.8	22

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55	Ni nanoparticles on RGO as reusable heterogeneous catalyst: effect of Ni particle size and intermediate composite structures in Câ€“S cross-coupling reaction. Beilstein Journal of Organic Chemistry, 2017, 13, 1796-1806.	2.2	22
56	Coarsening of Ag nanoparticles in SiO2â€“PEO hybrid film matrix by UV light. Journal of Materials Chemistry, 2006, 16, 3193-3198.	6.7	21
57	Durable superhydrophobic ZnOâ€“SiO₂films: a new approach to enhance the abrasion resistant property of trimethylsilyl functionalized SiO₂nanoparticles on glass. RSC Advances, 2014, 4, 54989-54997.	3.6	21
58	In Situ Synthesis of Mesoporous TiO₂ Nanofibers Surface-Decorated with AuAg Alloy Nanoparticles Anchored by Heterojunction Exhibiting Enhanced Solar Active Photocatalysis. Langmuir, 2019, 35, 14364-14375.	3.5	21
59	High figure of merit p-type transparent conducting thin film based on solution processed CuS-ZnS nanocomposite. Journal of Alloys and Compounds, 2019, 770, 813-822.	5.5	20
60	The twotrans-[NiL2(NCS)2] (L =N, N-dimethyl-1,3-propanediamine) isomers in the solid state and in solution. Transition Metal Chemistry, 1985, 10, 476-479.	1.4	19
61	Structural evolution, photoinduced energy transfer in Au nanoclusterâ€“CdTe QD nanocomposites and amino acid sensing. Journal of Materials Chemistry C, 2016, 4, 486-496.	5.5	19
62	Hierarchical Ti_{1â^'x}Zr_xO_{2â^'y} nanocrystals with exposed high energy facets showing co-catalyst free solar light driven water splitting and improved light to energy conversion efficiency. Journal of Materials Chemistry A, 2017, 5, 17341-17351.	10.3	19
63	Thermal Investigations of 1,4-Butanediamine Complexes of Nickel(II) in the Solid Phase. Bulletin of the Chemical Society of Japan, 1985, 58, 715-720.	3.2	18
64	In situ Generation of Au Nanoparticles in UV-curable Refractive Index Controlled SiO2â^'TiO2â^'PEO Hybrid Films. Journal of Physical Chemistry C, 2008, 112, 10378-10384.	3.1	18
65	Hollow-porous nanospheres of ZnMn2O4 spinel: A high energy density cathode for rechargeable aqueous battery. Materials Chemistry and Physics, 2021, 263, 124373.	4.0	18
66	Synthesis, characterisation and solid state thermal behaviour of nickel(II) diamine complexes. Transition Metal Chemistry, 1986, 11, 81-86.	1.4	17
67	Formation of Auâ€“Pt bimetallic nanoparticles in a two-layer SiO2 films doped with Au and Pt, respectively, through interlayer diffusion. Physical Chemistry Chemical Physics, 2008, 10, 4062.	2.8	17
68	Functionalized C@TiO₂hollow spherical architecture for multifunctional applications. Dalton Transactions, 2016, 45, 5111-5121.	3.3	16
69	Phase transition and decomposition of A2MX4 [A = (C2H5)4N; M = Co(II), Ni(II) AND Cu(II); X = Cl and Br] in the solid state. Thermochimica Acta, 1986, 108, 97-103.	2.7	15
70	Transformation of Pd â† PdH0.7 nanoparticles inside mesoporous Zr-modified SiO2 films in ambient conditions. Journal of Materials Chemistry, 2011, 21, 11482.	6.7	15
71	Extremely fast Auâ€“Ag alloyâ€“dealloy associated reversible plasmonic modifications in SiO₂ films. Journal of Materials Chemistry C, 2016, 4, 3571-3580.	5.5	15
72	Fabrication of a cubic zirconia nanocoating on a titanium dental implant with excellent adhesion, hardness and biocompatibility. RSC Advances, 2016, 6, 59030-59038.	3.6	15

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73	Efficient energy storage in mustard husk derived porous spherical carbon nanostructures. Materials Advances, 2021, 2, 7463-7472.	5.4	15
74	TiO2 nanoparticles doped SiO2 films with ordered mesopore channels: a catalytic nanoreactor. Dalton Transactions, 2014, 43, 5221.	3.3	14
75	Atomically precise and monolayer protected iridium clusters in solution. RSC Advances, 2016, 6, 26679-26688.	3.6	14
76	Nanoparticle Induced Morphology Modulation in Spin Coated PS/PMMA Blend Thin Films. Langmuir, 2020, 36, 15270-15282.	3.5	14
77	Niâ€“rGOâ€“zeolite nanocomposite: an efficient heterogeneous catalyst for one-pot synthesis of triazoles in water. Materials Advances, 2021, 2, 3042-3050.	5.4	14
78	Metal nanoparticle doped coloured coatings on glasses and plastics through tuning of surface plasmon band position. Bulletin of Materials Science, 2008, 31, 479-485.	1.7	13
79	Tuning of Ag-SPR band position in refractive index controlled inorganic-organic hybrid SiO2-PEO-TiO2 films. Journal of Chemical Sciences, 2008, 120, 565-572.	1.5	13
80	Fabrication of Cd0.5Zn0.5S:Cu QDs incorporated organically modified SiO2 films showing entire visible colour emission with high quantum yield. Journal of Materials Chemistry C, 2013, 1, 4816.	5.5	13
81	Carbon nanodotâ€“ORMOSIL fluorescent paint and films. Journal of Materials Chemistry C, 2015, 3, 714-719.	5.5	13
82	Green Synthesis of Electrospun Porous Carbon Nanofibers from Sucrose and Doping of Ag Nanoparticle with Improved Electrical and Electrochemical Properties. ChemistrySelect, 2017, 2, 2265-2276.	1.5	13
83	Wavelength Selective Antireflective Coatings on Plastics with Hydrophobic Surfaces. Industrial & Engineering Chemistry Research, 2013, 52, 7737-7745.	3.7	12
84	Crystal structure tailoring of Auâ€“Cu alloy NPs using the embedding film matrix as template. CrystEngComm, 2014, 16, 56-63.	2.6	12
85	Boat-like Au nanoparticles embedded mesoporous Î³-Al2O3 films: an efficient SERS substrate. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	11
86	CdS nanoparticles incorporated onion-like mesoporous silica films: Ageing-induced large stokes shifted intense PL emission. Optical Materials, 2013, 35, 2604-2612.	3.6	11
87	Understanding the Effect of Single Cysteine Mutations on Gold Nanoclusters as Studied by Spectroscopy and Density Functional Theory Modeling. Langmuir, 2017, 33, 12120-12129.	3.5	11
88	Polyionic Resin Supported Pd/Fe₂O₃Nanohybrids for Catalytic Hydrodehalogenation: Improved and Versatile Remediation for Toxic Pollutants. Industrial & Engineering Chemistry Research, 2019, 58, 2159-2169.	3.7	11
89	Thermal investigation of diamine complexes of Zn(II) in the solid state. Thermochimica Acta, 1983, 69, 349-359.	2.7	10
90	Cu x Ni1â^'x alloy nanoparticles embedded SiO2 films: synthesis and structure. Journal of Nanoparticle Research, 2011, 13, 321-329.	1.9	10

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91	Stable fluorescent CdS:Cu QDs and their hybridization with carbon polymer dots for white light emission. Journal of Materials Chemistry C, 2016, 4, 1665-1674.	5.5	10
92	Development of nano-porous hydroxyapatite coated e-glass for potential bone-tissue engineering application: An in vitro approach. Materials Science and Engineering C, 2020, 111, 110764.	7.3	10
93	Synthesis of Auâ€“Ag Alloy Nanoparticles with Au/Ag Compositional Control in SiO2 Film Matrix. Journal of Nanoscience and Nanotechnology, 2007, 7, 1994-1999.	0.9	9
94	Cuâ€“Auâ€“Ag Alloy Nanoparticles Incorporated Silica Films Using a New Three-Layer Deposition Technique. Journal of Nanoscience and Nanotechnology, 2010, 10, 775-783.	0.9	9
95	Stable CdS QDs with intense broadband photoluminescence and high quantum yields. Optical Materials, 2011, 34, 6-11.	3.6	9
96	Single-step in-situ synthesis and optical properties of ZnSe nanostructured dielectric nanocomposites. Journal of Applied Physics, 2014, 115, 134309.	2.5	9
97	Low Temperature Fabrication of Photoactive Anatase TiO₂ Coating and Phosphor from Waterâ€“Alcohol Dispersible Nanopowder. Industrial & Engineering Chemistry Research, 2015, 54, 928-937.	3.7	9
98	Thermal investigations of cadmium(II) diamine complexes in the solid phase. Thermochimica Acta, 1984, 77, 1-11.	2.7	8
99	Au nanoparticles doped ZrTiO4 films and hydrogen gas induced Au-plasmon shifting. Journal of Materials Chemistry, 2010, 20, 9081.	6.7	8
100	Mesoporous Alumina Films: Effect of Oligomer Formation toward Mesostructural Ordering. Langmuir, 2014, 30, 15292-15300.	3.5	8
101	Hierarchically Designed Bioactive Glassy Nanocoatings for the Growth of Faster and Uniformly Dense Apatite. Journal of the American Ceramic Society, 2015, 98, 2428-2437.	3.8	8
102	Electrospun ZrO₂ nanofibers: precursor controlled mesopore ordering and evolution of garland-like nanocrystal arrays. Dalton Transactions, 2018, 47, 5789-5800.	3.3	8
103	Influence of Câ€“S interactions on the electrochemical performance of â€“COOH functionalized MWCNT/S composites as lithium-sulfur battery cathode. Journal of Chemical Sciences, 2018, 130, 1.	1.5	8
104	Carbon@carbon double hollow spheres as efficient cathode host for high rate Li S battery. Materials Chemistry and Physics, 2019, 225, 309-315.	4.0	8
105	Solid state thermal phase transitions and decompositions of nickel (II) diamine complexes. Thermochimica Acta, 1985, 92, 759-762.	2.7	7
106	Some Unusual Phase Transitions of Nickel(II) Diamine Complexes. Bulletin of the Chemical Society of Japan, 1987, 60, 2701-2703.	3.2	7
107	Selective Cu₄Pd alloy nanoparticles anchoring on amine functionalized graphite nanosheets and their use as reusable catalysts for a Câ€“C coupling reaction with the sacrificial role of Cu for Pd-regeneration. Dalton Transactions, 2016, 45, 12496-12506.	3.3	7
108	Photocatalytic Evaluation of Anatase TiO₂ Coating on Ceramic Tiles by Raman Spectroscopy. Transactions of the Indian Ceramic Society, 2020, 79, 13-17.	1.0	7

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109	Refractive Index Controlled Plasmon Tuning of Au Nanoparticles in SiO₂-ZrO₂ Film Matrices. Journal of Nanoscience and Nanotechnology, 2008, 8, 3868-3876.	0.9	6
110	Improved photoluminescence properties of sol-gel derived Er3+ doped silica films. Journal of Applied Physics, 2010, 108, 113116.	2.5	6
111	Zeolite Crystals Embedded Nanotextured Coating with Hydrophobic Surface: An Innovation Toward Next Generation Solar Cover Glass for Efficient Lightâ€Harvesting. Advanced Materials Interfaces, 2016, 3, 1500848.	3.7	6
112	Thermally induced decomposition and phase transition of diamine complexes of cadmium(II) thiocyanate. Thermochimica Acta, 1985, 91, 151-158.	2.7	5
113	Carboxylic acid terminated, solution exfoliated graphite by organic acylation and its application in drug delivery. Journal of Chemical Sciences, 2016, 128, 1345-1354.	1.5	5
114	Plasmon Mediated Electron Transfer and Temperature Dependent Electronâ€Phonon Scattering in Gold Nanoparticles Embedded in Dielectric Films. ChemPhysChem, 2022, 23, .	2.1	5
115	Surface Coating Rescues Proteins from Magnetite Nanoparticle Induced Damage. Particle and Particle Systems Characterization, 2013, 30, 683-694.	2.3	4
116	Thermal Studies of 1,2-Propanediamine Complexes of Zinc(II) and Cadmium(II) in the Solid Phase. Bulletin of the Chemical Society of Japan, 1985, 58, 3606-3612.	3.2	3
117	Solid state thermal phase transition of cadmium(II) diamine complexes. Thermochimica Acta, 1986, 105, 35-40.	2.7	3
118	Cis-to-Trans Isomerization of Bis(diamine)bis(isothiocyanato)chromium(III) Thiocyanate in the Solid State. Bulletin of the Chemical Society of Japan, 1987, 60, 2871-2874.	3.2	3
119	Chemically ordered face-centred tetragonal Feâ€“Pt nanoparticles embedded SiO2 films. Bulletin of Materials Science, 2012, 35, 1079-1085.	1.7	3
120	How Does â€œWormholeâ€•Mesoporous Î³-Alumina Matrix Direct the Morphology of Pt Nanocrystals?. Crystal Growth and Design, 2019, 19, 1494-1501.	3.0	3
121	â€˜Cotton-ballâ€™ shaped porous iron-nickel sulfide: A high-rate cathode for long-life aqueous rechargeable battery. Materials Research Bulletin, 2021, 140, 111307.	5.2	3
122	Alloy formation and composition partitioning of plasmonic-magnetic Auâ^'Fe nanoparticles embedded in sol-gel SiO2 films. Journal of Alloys and Compounds, 2021, 873, 159793.	5.5	3
123	Solid-Phase Thermal Reactions of Chromium(III) and Copper(II) Complexes Containing Pentadentate Ethylenediaminetetraacetate and 1,2-Propanediaminetetraacetate Ions. Bulletin of the Chemical Society of Japan, 1987, 60, 3444-3446.	3.2	2
124	Design of mesoporous aluminaâ€“ceria films on glass: Compositional tuning leads to mesoscopic transformations. Microporous and Mesoporous Materials, 2015, 203, 151-162.	4.4	2
125	Au@MO2 (M= Ti, Zr, Si) Films by Ex Situ Incorporation Approach. Science of Advanced Materials, 2012, 4, 663-668.	0.7	2
126	Refractive Index Controlled Plasmon Tuning of Au Nanoparticles in SiO2-ZrO2 Film Matrices. Journal of Nanoscience and Nanotechnology, 2008, 8, 3868-3876.	0.9	1

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127	Refractive index controlled plasmon tuning of Au nanoparticles in SiO2-ZrO2 film matrices. Journal of Nanoscience and Nanotechnology, 2008, 8, 3868-76.	0.9	0