Neerish Revaprasadu

List of Publications by Year in Descending Order

191 papers	3,836 citations	31 h-index	50 g-index
198 ext. papers	4,342 ext. citations	3.7 avg, IF	5.78 L-index

#	Paper	IF	Citations
191	Surface Engineered Peroxidase-Mimicking Gold Nanoparticles to Subside Cell Inflammation.. *Langmuir*, **2022**, 38, 1877-1887	4	6
190	Tuning composition of CuCoS-NiCoS solid solutions solvent-less pyrolysis of molecular precursors for efficient supercapacitance and water splitting.. *RSC Advances*, **2022**, 12, 10675-10685	3.7	3
189	Nickel chalcogenide thin films and nanoparticles from molecular single-source precursors **2022**, 281-310		
188	Synthesis of Cobalt-Based Magnetic Nanocomposites **2022**, 1-30		
187	Molecular precursor route for the phase selective synthesis of □MnS or metastable □MnS nanomaterials for magnetic studies and deposition of thin films by AACVD. *Materials Science in Semiconductor Processing*, **2021**, 139, 106330	4.3	0
186	Crystal structures and physicochemical studies of some novel divalent and trivalent transition metal chelates of N-morpholine-N'-benzoylthiourea. *Journal of Molecular Structure*, **2021**, 1229, 129791	3.4	2
185	Comparative study on the effect of precursors on the morphology and electronic properties of CdS nanoparticles. *Turkish Journal of Chemistry*, **2021**, 45, 400-409	1	1
184	Understanding Zones of Molecular Dimension in Poly (Lactic Acid) Composites through Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy: Correlation with Tensile Yield Test Measurements. *Materials Performance and Characterization*, **2021**, 10, 20200127	0.5	
183	Triphenylphosphine-Assisted Transformation of NiS to NiP through a Solvent-Less Pyrolysis Route: Synthesis and Electrocatalytic Performance. *Inorganic Chemistry*, **2021**, 60, 11374-11384	5.1	2
182	Coordination Complexes as Precursors for Semiconductor Thin Films and Nanoparticles **2021**, 465-493		
181	Synthesis of CdS and PbS nanoparticles by the thermal decomposition of ethyl xanthate complexes in castor oil using the heat-up technique. *Materials Science in Semiconductor Processing*, **2021**, 122, 105493	4.3	3
180	Synergistically enhanced performance of transition-metal doped NiP for supercapacitance and overall water splitting. *Dalton Transactions*, **2021**, 50, 11821-11833	4.3	5
179	Selective Synthesis of Bismuth or Bismuth Selenide Nanosheets from a Metal Organic Precursor: Investigation of their Catalytic Performance for Water Splitting. *Inorganic Chemistry*, **2021**, 60, 1449-1461	5.1	9
178	Solventless synthesis of nanospinel Ni Co FeO (0 □□1) solid solutions for efficient electrochemical water splitting and supercapacitance.. *RSC Advances*, **2021**, 11, 31002-31014	3.7	2
177	Colloidal synthesis of metal chalcogenide nanomaterials from metal-organic precursors and capping ligand effect on electrocatalytic performance: progress, challenges and future perspectives. *Dalton Transactions*, **2021**, 50, 11347-11359	4.3	3
176	Low temperature scalable synthetic approach enabling high bifunctional electrocatalytic performance of NiCoS and CuCoS thiospinels.. *RSC Advances*, **2021**, 11, 31533-31546	3.7	1
175	Co-assembled ZnO-Fe2O3x-CuOx nano-oxide materials for antibacterial protection. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2020**, 195, 981-987	1	3

174	Direct solvent free synthesis of bare □NiS, □NiS and □NiS composite as excellent electrocatalysts: Effect of self-capping on supercapacitance and overall water splitting activity. *Scientific Reports*, **2020**, 10, 3260	4.9	43
173	Cobalt sulfide nanoparticles: Synthesis, water splitting and supercapacitance studies. *Materials Science in Semiconductor Processing*, **2020**, 109, 104925	4.3	20
172	ZnCr-CO3 LDH/ruptured tubular g-C3N4 composite with increased specific surface area for enhanced photoelectrochemical water splitting. *Applied Surface Science*, **2020**, 508, 145100	6.7	25
171	Controlled Synthesis of Sb2(S1□Sex)3 (0 □x □1) Solid Solution and the Effect of Composition Variation on Electrocatalytic Energy Conversion and Storage. *ACS Applied Energy Materials*, **2020**, 3, 1448-1460	6.1	21
170	Flexible Molecular Precursors for Selective Decomposition to Nickel Sulfide or Nickel Phosphide for Water Splitting and Supercapacitance. *Chemistry - A European Journal*, **2020**, 26, 2693-2704	4.8	15
169	Unusual doping induced phase transitions in NiS via solventless synthesis enabling superior bifunctional electrocatalytic activity. *Sustainable Energy and Fuels*, **2020**, 4, 5132-5143	5.8	12
168	Bioinspired Synthesis of Acacia senegal Leaf Extract Functionalized Silver Nanoparticles and Its Antimicrobial Evaluation. *Journal of Nanomaterials*, **2020**, 2020, 1-8	3.2	2
167	Cadmium Chloride and Cadmium Iodide Thiosemicarbazone Complexes as Single Source Precursors for CdS Nanoparticles. *Russian Journal of Inorganic Chemistry*, **2019**, 64, 1063-1071	1.5	3
166	Metal selenobenzoate complexes: Novel single source precursors for the synthesis of metal selenide semiconductor nanomaterials. *Materials Today: Proceedings*, **2019**, 10, 66-74	1.4	7
165	Cashew nut shell: a potential bio-resource for the production of bio-sourced chemicals, materials and fuels. *Green Chemistry*, **2019**, 21, 1186-1201	10	41
164	Synthesis of (Bi Sb)S solid solutions thermal decomposition of bismuth and antimony piperidinedithiocarbamates.. *RSC Advances*, **2019**, 9, 15836-15844	3.7	7
163	A Facile Green Synthesis of Ultranarrow PbS Nanorods. *Journal of Inorganic and Organometallic Polymers and Materials*, **2019**, 29, 2274-2281	3.2	1
162	Effect of Cu, Ni and Pb doping on the photo-electrochemical activity of ZnO thin films.. *RSC Advances*, **2019**, 9, 7729-7736	3.7	38
161	3D hybrid perovskite solid solutions: a facile approach for deposition of nanoparticles and thin films via B-site substitution. *New Journal of Chemistry*, **2019**, 43, 5448-5454	3.6	2
160	Polymer and Carbon-Based Coatings for Biomedical Applications **2019**, 499-535		1
159	The effect of Cu-doping on CdS thin films deposited by the spray pyrolysis technique. *Journal of Materials Research and Technology*, **2019**, 8, 2021-2030	5.5	37
158	Synthesis of Off-Stoichiometric CoS Nanoplates from a Molecular Precursor for Efficient H2/O2 Evolution and Supercapacitance. *ChemElectroChem*, **2019**, 6, 2560-2569	4.3	29
157	Electrochemical investigation of uncapped AgBiS (schapbachite) synthesized using in situ melts of xanthate precursors. *Dalton Transactions*, **2019**, 48, 3714-3722	4.3	28

156	A facile approach to synthesis graphene oxide/bismuth oxide nanocomposites and their superior sunlight driven photocatalytic activity. *Optik*, **2019**, 197, 163035	2.5	3
155	Cytotoxicity and in vitro evaluation of whey protein-based hydrogels for diabetes mellitus treatment. *International Journal of Industrial Chemistry*, **2019**, 10, 213-223	3.1	2
154	Morphological influence of deposition routes on lead sulfide thin films. *Inorganica Chimica Acta*, **2019**, 498, 119116	2.7	5
153	Synthesis and characterization of Z-scheme Fe2O3 NTs/ruptured tubular g-C3N4 for enhanced photoelectrochemical water oxidation. *Solar Energy*, **2019**, 193, 403-412	6.8	33
152	Antimicrobial Activities of Graphene-Based Materials **2019**, 247-266		
151	Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy: A Tool to Determine Reinforcement of Carbon Black in Polylactic Acid Composites. *Materials Performance and Characterization*, **2019**, 8, 20190146	0.5	2
150	Crystal structure of 4-ethylpiperazine-1-carbothioic dithioperoxyanhydride, C14H26N4S4. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2019**, 234, 1035-1036	0.2	
149	Progress in selenium based metal-organic precursors for main group and transition metal selenide thin films and nanomaterials. *Coordination Chemistry Reviews*, **2019**, 388, 24-47	23.2	30
148	Important Phase Control of Indium Sulfide Nanomaterials by Choice of Indium(III) Xanthate Precursor and Thermolysis Temperature. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1421-1432	2.3	7
147	Phase transition in Cu SnS (0 2; 0 1) ternary systems synthesized from complexes of coumarin derived thiocarbamate motifs: optical and morphological properties.. *RSC Advances*, **2019**, 9, 35706-35716	3.7	10
146	Tailoring Shape and Crystallographic Phase of Copper Sulfide Nanostructures Using Novel Thiourea Complexes as Single Source Precursors. *Journal of Inorganic and Organometallic Polymers and Materials*, **2019**, 29, 917-927	3.2	7
145	Tannic acid-derivatized graphitic carbon nitride quantum dots as an "on-off-on" fluorescent nanoprobe for ascorbic acid via copper(II) mediation. *Mikrochimica Acta*, **2019**, 186, 87	5.8	16
144	Preparation of Iron Sulfide Nanomaterials from Iron(II) Thiosemicarbazone Complexes and Their Application in Photodegradation of Methylene Blue. *Journal of Inorganic and Organometallic Polymers and Materials*, **2018**, 28, 603-611	3.2	6
143	Phase pure Ni3S2 and NiS from bis(N?-ethyl-N-piperazinylcarbodithioato-S,S?)nickel(II) via solvent thermolysis and aerosol assisted chemical vapour deposition. *New Journal of Chemistry*, **2018**, 42, 6203-6209	3.6	15
142	Heterocyclic lead(II) thioureato complexes as single-source precursors for the aerosol assisted chemical vapour deposition of PbS thin films. *Inorganica Chimica Acta*, **2018**, 479, 42-48	2.7	15
141	Castor oil and olive oil-capped In2S3 and CuInS2 nanoparticles from xanthate complexes. *Materials Science in Semiconductor Processing*, **2018**, 76, 73-79	4.3	3
140	New Examples of Phase Control in the Preparation of Copper Sulfide Nanoparticles and Deposition of Thin Films by AACVD from Bis(piperidinedithiocarbamato)copper(II) Complex. *ChemistrySelect*, **2018**, 3, 2943-2950	1.8	17
139	Bis(selenobenzoato)dibutyltin(iv) as a single source precursor for the synthesis of SnSe nanosheets and their photo-electrochemical study for water splitting. *Dalton Transactions*, **2018**, 47, 5465-5473	4.3	36

138	Lead(II) halide cinnamaldehyde thiosemicarbazone complexes as single source precursors for oleylamine-capped lead sulfide nanoparticles. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 1479-1488	2.1	5
137	Deposition of Bi2S3 thin films from heterocyclic bismuth(III) dithiocarbamato complexes. *Polyhedron*, **2018**, 154, 173-181	2.7	11
136	Effect of cationic disorder on the energy generation and energy storage applications of Ni Co S thiospinel.. *RSC Advances*, **2018**, 8, 24049-24058	3.7	21
135	Synthesis of chalcopyrite-type and thiospinel minerals/materials by low temperature melts of xanthates. *Dalton Transactions*, **2018**, 47, 8870-8873	4.3	26
134	PbS x Se1 thin films from the thermal decomposition of lead(II) dodecylxanthate and bis(N,N-diethyl-N?-naphthoylselenoureato)lead(II) precursors. *Journal of Materials Science*, **2018**, 53, 4283-4293	4.3	13
133	Synthesis and characterization of PbS nanoparticles in an ionic liquid using single and dual source precursors. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2018** , 227, 116-121	3.1	25
132	Thermolytic synthesis of cobalt and cobalt sulfide nanoparticles using Cobalt(II) N ^ O Schiff base complexes as single molecular precursors. *Turkish Journal of Chemistry*, **2018**, 42, 1224-1237	1	
131	Progress in Green Solvents for the Stabilisation of Nanomaterials: Imidazolium Based Ionic Liquids **2018**,		1
130	Band Structure, Morphology, Functionality, and Size- Dependent Properties of Metal Nanoparticles **2018**,		10
129	Ricinoleic Acid as a Green Alternative to Oleic Acid in the Synthesis of Doped Nanocrystals. *ChemistrySelect*, **2018**, 3, 13548-13552	1.8	1
128	Microwave-assisted synthesis of thymine-functionalized graphitic carbon nitride quantum dots as a fluorescent nanoprobe for mercury(II). *Mikrochimica Acta*, **2018**, 185, 461	5.8	25
127	Broadband emission in a new lead free all-inorganic 3D CsZnCl2I perovskite. *New Journal of Chemistry*, **2018**, 42, 17181-17184	3.6	9
126	Facile synthesis of a PbS1Sex (0 x 1) solid solution using bis(N,N-diethyl-N?-naphthoylchalcogenoureato)lead(II) complexes. *New Journal of Chemistry*, **2018**, 42, 16602-16607	3.6	24
125	Novel single source precursor for synthesis of Sb2Se3 nanorods and deposition of thin films by AACVD: Photo-electrochemical study for water reduction catalysis. *Solar Energy*, **2018**, 169, 526-534	6.8	47
124	CdS thin films deposition by AACVD: effect of precursor type, decomposition temperature and solvent. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 14462-14470	2.1	12
123	Structural investigations of SnSSe solid solution synthesized from chalcogeno-carboxylate complexes of organo-tin by colloidal and solvent-less routes. *Dalton Transactions*, **2018**, 47, 10025-10034	4.3	26
122	Fabrication of planar heterojunction CsPbBr2I perovskite solar cells using ZnO as an electron transport layer and improved solar energy conversion efficiency. *New Journal of Chemistry*, **2018**, 42, 14104-14110	3.6	38
121	Controlled synthesis of all inorganic CsPbBr2I perovskite by non-template and aerosol assisted chemical vapour deposition. *Materials Letters*, **2017**, 190, 244-247	3.3	25

120	Enhanced photocatalytic activity of water stable hydroxyl ammonium lead halide perovskites. *Materials Science in Semiconductor Processing*, **2017**, 63, 6-11	4.3	22
119	Nanocrystalline and monophasic thin films of metal chalcogenide (FeS, ZnS) and oxide (ZnO) by chemical bath deposition (CBD). *Physica Status Solidi (A) Applications and Materials Science*, **2017**, 214, 1700008	1.6	0
118	Fabrication of a Graphene@TiO2@Porphyrin Hybrid Material and Its Photocatalytic Properties under Simulated Sunlight Irradiation. *ChemistrySelect*, **2017**, 2, 3329-3333	1.8	18
117	Zinc thiosemicarbazone complexes: Single source precursors for alkylamine capped ZnS nanoparticles. *Inorganica Chimica Acta*, **2017**, 463, 7-13	2.7	22
116	Designing the morphology of PbS nanoparticles through a single source precursor method. *Journal of Saudi Chemical Society*, **2017**, 21, 593-598	4.3	13
115	A Facile Route to Cesium Lead Bromoiodide Perovskite Microcrystals and Their Potential Application as Sensors for Nitrophenol Explosives. *European Journal of Inorganic Chemistry*, **2017**, 2017, 3755-3760	2.3	24
114	Optical and gas sensing properties of SnO2 nanowires grown by vapor□liquid□solid mechanism. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 17993-18002	2.1	5
113	Synthesis of Hybrid to Inorganic Quasi 2D-Layered Perovskite Nanoparticles. *ChemistrySelect*, **2017**, 2, 5595-5599	1.8	7
112	Phase pure deposition of flower-like thin films by aerosol assisted chemical vapor deposition and solvent mediated structural transformation in copper sulfide nanostructures. *Thin Solid Films*, **2017**, 638, 338-344	2.2	30
111	Synthesis of CdS quantum dots in an imidazolium based ionic liquid. *Materials Science in Semiconductor Processing*, **2017**, 71, 258-262	4.3	8
110	Structural and gas sensing properties of greigite (Fe3S4) and pyrrhotite (Fe1-xS) nanoparticles. *Materials Chemistry and Physics*, **2017**, 198, 167-176	4.4	12
109	Synthesis of rare pure phase Ni3S4 and Ni3S2 nanoparticles in different primary amine coordinating solvents. *Polyhedron*, **2017**, 122, 16-24	2.7	30
108	Thermal Degradation Kinetics of Sugarcane Bagasse and Soft Wood Cellulose. *Materials*, **2017**, 10,	3.5	26
107	Synthesis and characterization of CdS nanocrystallites and OMWCNT-supported cadmium sulfide composite and their photocatalytic activity under visible light irradiation. *Materials Chemistry and Physics*, **2016**, 183, 366-374	4.4	13
106	Synthesis of hierarchical PbS nanostructures capped with castor oil. *Materials Letters*, **2016**, 185, 17-20	3.3	7
105	A facile approach for selective and sensitive detection of aqueous contamination in DMF by using perovskite material. *Materials Letters*, **2016**, 183, 135-138	3.3	18
104	Synthetic routes to iron chalcogenide nanoparticles and thin films. *Dalton Transactions*, **2016**, 45, 18803-18812	4.3	33
103	Preparation of CdS Nanoparticles from Thiosemicarbazone Complexes: Morphological Influence of Chlorido and Iodido Ligands. *European Journal of Inorganic Chemistry*, **2016**, 2016, 366-372	2.3	17

102	Phase controlled synthesis of copper sulfide nanoparticles by colloidal and non-colloidal methods. *Materials Chemistry and Physics*, **2016**, 180, 404-412	4.4	14
101	Cadmium sulfide quantum dots stabilized by castor oil and ricinoleic acid. *Physica E: Low-Dimensional Systems and Nanostructures*, **2016**, 76, 95-102	3	11
100	Synthesis and characterization of castor oil and ricinoleic acid capped CdS nanoparticles using single source precursors. *Materials Science in Semiconductor Processing*, **2016**, 43, 230-237	4.3	28
99	Design, green synthesis, anti-microbial, and anti-oxidant activities of novel α-aminophosphonates via Kabachnik-Fields reaction. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2016**, 191, 1081-1085	1	17
98	Heterocyclic dithiocarbamato-iron(III) complexes: single-source precursors for aerosol-assisted chemical vapour deposition (AACVD) of iron sulfide thin films. *Dalton Transactions*, **2016**, 45, 2647-55	4.3	43
97	Functionalized mesoporous organo-silica nanosorbents for removal of chromium (III) ions from tanneries wastewater. *Journal of Porous Materials*, **2016**, 23, 83-93	2.4	8
96	The recent developments in nanoparticle synthesis. *SPR Nanoscience*, **2016**, 57-153	3	3
95	Tuning the Phase and Shape of Copper Sulfide Nanostructures Using Mixed Solvent Systems. *ChemistrySelect*, **2016**, 1, 5982-5989	1.8	22
94	The effect of polyol on multiple ligand capped silver alloyed nanobimetallic particles in tri- n -octylphosphine oxide and oleic acid matrices. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, **2016**, 7, 045012	1.6	1
93	Impact of Monovalent Counter-ions on the Conformation of Flexible Polyelectrolytes Having Different Molecular Architectures. *MRS Advances*, **2016**, 1, 1841-1846	0.7	8
92	The use of castor oil and ricinoleic acid in lead chalcogenide nanocrystal synthesis. *International Nano Letters*, **2016**, 6, 235-242	5.7	3
91	A chemodosimetric approach for the selective detection of Pb2+ ions using a cesium based perovskite. *New Journal of Chemistry*, **2016**, 40, 9719-9724	3.6	24
90	Synthesis of PbTe and PbSe nanoparticles under the influence of hydrochloric acid and carbon dioxide. *Materials Science in Semiconductor Processing*, **2016**, 56, 295-301	4.3	4
89	Heterocyclic Bismuth(III) Dithiocarbamato Complexes as Single-Source Precursors for the Synthesis of Anisotropic Bi2 S3 Nanoparticles. *Chemistry - A European Journal*, **2016**, 22, 13127-35	4.8	22
88	Synthesis of biocompatible Au-ZnTe core-shell nanoparticles. *Journal of Materials Chemistry B*, **2015** , 3, 2826-2833	7.3	4
87	Aerosol assisted chemical vapor deposition (AACVD) of CdS thin films from heterocyclic cadmium(II) complexes. *Inorganica Chimica Acta*, **2015**, 434, 181-187	2.7	20
86	Aerosol assisted chemical vapor deposition of Sb2S3 thin films: Environmentally benign solar energy material. *Materials Science in Semiconductor Processing*, **2015**, 40, 643-649	4.3	19
85	Deposition of cadmium sulfide and zinc sulfide thin films by aerosol-assisted chemical vapors from molecular precursors. *Turkish Journal of Chemistry*, **2015**, 39, 169-178	1	20

84	CdSe quantum dots capped with naturally occurring biobased oils. *New Journal of Chemistry*, **2015**, 39, 7251-7259	3.6	19
83	Investigation of PbS nanocrystals sensitized extremely thin absorber (ETA) solar cell. *Materials Science in Semiconductor Processing*, **2015**, 36, 20-26	4.3	9
82	Facile route to the synthesis and characterization of novel core□shell and Ag/Ru allied nanoparticles. *Physica E: Low-Dimensional Systems and Nanostructures*, **2015**, 71, 70-78	3	5
81	Phase-pure fabrication and shape evolution studies of SnS nanosheets. *New Journal of Chemistry*, **2015**, 39, 9569-9574	3.6	37
80	Deposition of phase pure nickel sulfide thin films from bis(O-alkylxanthato)□ickel(II) complexes by the aerosol assisted chemical vapour deposition (AACVD) method. *Materials Science in Semiconductor Processing*, **2015**, 30, 368-375	4.3	15
79	Facile Attachment of TAT Peptide on Gold Monolayer Protected Clusters: Synthesis and Characterization. *Nanomaterials*, **2015**, 5, 1211-1222	5.4	11
78	A simple route to alkylamine capped antimony nanoparticles. *Materials Letters*, **2015**, 145, 239-242	3.3	15
77	DnaK protein alleviates toxicity induced by citrate-coated gold nanoparticles in Escherichia coli. *PLoS ONE*, **2015**, 10, e0121243	3.7	7
76	Deposition of cobalt and nickel sulfide thin films from thio- and alkylthio-urea complexes as precursors via the aerosol assisted chemical vapour deposition technique. *Thin Solid Films*, **2014**, 564, 51-57	2.2	24
75	Facile synthesis of phosphine free ultra-small PbSe nanocrystals and their light harvesting studies in ETA solar cells. *Dalton Transactions*, **2014**, 43, 16424-30	4.3	6
74	The electrokinetic characterization of gold nanoparticles, functionalized with cationic functional groups, and its' interaction with DNA. *Colloids and Surfaces B: Biointerfaces*, **2014**, 121, 425-31	6	11
73	Low temperature synthesis of PbS and CdS nanoparticles in olive oil. *Materials Science in Semiconductor Processing*, **2014**, 27, 191-196	4.3	17
72	A simple route to Bi2Se3 and Bi2Te3 nanocrystals. *Superlattices and Microstructures*, **2014**, 69, 226-230	2.8	14
71	The syntheses and structures of Zn(II) heterocyclic piperidine and tetrahydroquinoline dithiocarbamates and their use as single source precursors for ZnS nanoparticles. *Polyhedron*, **2014**, 67, 129-135	2.7	22
70	A convenient synthesis of antimony sulfide and antimony phosphate nanorods using single source dithiolatoantimony(III) dialkyldithiophosphate precursors. *Polyhedron*, **2014**, 80, 216-222	2.7	9
69	Synthesis and Characterization of Optically Active Fractal Seed Mediated Silver Nickel Bimetallic Nanoparticles. *Journal of Materials*, **2014**, 2014, 1-9		4
68	Dialkyldiselenophosphinato-metal complexes □ a new class of single source precursors for deposition of metal selenide thin films and nanoparticles. *IOP Conference Series: Materials Science and Engineering*, **2014**, 64, 012019	0.4	2
67	Evidence of oriented attachment in the growth of functionalized ZnTe nanoparticles for potential applications in bio-imaging. *New Journal of Chemistry*, **2014**, 38, 6002-6007	3.6	5

66	Bis(piperidinedithiocarbamato)pyridinecadmium(II) as a single-source precursor for the synthesis of CdS nanoparticles and aerosol-assisted chemical vapour deposition (AACVD) of CdS thin films. *New Journal of Chemistry*, **2014**, 38, 6073-6080	3.6	46
65	Synthesis of Cadmium and Lead Telluride Nanoparticles: Examples of Oriented attachment Growth Mechanism. *Materials Research Society Symposia Proceedings*, **2014**, 1705, 7		
64	Synthesis of multi-podal CdS nanostructures using heterocyclic dithiocarbamato complexes as precursors. *Polyhedron*, **2013**, 56, 62-70	2.7	25
63	A simple route to shape controlled CdS nanoparticles. *Journal of Physics and Chemistry of Solids*, **2013**, 74, 245-249	3.9	3
62	Shape evolution of PbTe nanostructures using mixed lead sources. *Materials Letters*, **2013**, 97, 108-112	3.3	1
61	Cysteine-capped gold nanoparticles suppress aggregation of proteins exposed to heat stress. *IUBMB Life*, **2013**, 65, 454-61	4.7	21
60	Lead chalcogenides stabilized by anacardic acid. *Materials Science in Semiconductor Processing*, **2013** , 16, 263-268	4.3	16
59	Routes to Nanostructured Inorganic Materials with Potential for Solar Energy Applications. *Chemistry of Materials*, **2013**, 25, 3551-3569	9.6	118
58	Facile synthesis of cysteine and triethanolamine capped CdTe nanoparticles. *Colloids and Surfaces B: Biointerfaces*, **2013**, 101, 450-6	6	16
57	A simple route to bismuth nanoparticles in the form of dots, branched nanorods and self assembled cubes. *Materials Letters*, **2013**, 92, 220-223	3.3	4
56	The oriented self-assembly of small PbSe nanocrystals into extended structures anoworms *Materials Letters*, **2012**, 77, 78-81	3.3	7
55	A facile hybrid route to luminescent ZnTe nanoparticles. *Materials Letters*, **2012**, 81, 108-111	3.3	7
54	Synthesis of anisotropic PbS nanoparticles using heterocyclic dithiocarbamate complexes. *Dalton Transactions*, **2012**, 41, 8297-302	4.3	39
53	An in vitro assessment of the interaction of cadmium selenide quantum dots with DNA, iron, and blood platelets. *IUBMB Life*, **2012**, 64, 995-1002	4.7	22
52	Facile synthesis of organically capped PbS nanoparticles. *Journal of Alloys and Compounds*, **2012**, 537, 19-23	5.7	11
51	Facile synthesis of organically capped CdTe nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 2640-4	1.3	5
50	Synthesis, density functional theory, molecular dynamics and electrochemical studies of 3-thiopheneacetic acid-capped gold nanoparticles. *Journal of Molecular Structure*, **2011**, 1006, 494-501	3.4	5
49	A facile route to shape controlled CdTe nanoparticles. *Materials Chemistry and Physics*, **2011**, 126, 500-506	4.4	13

48	Synthesis of triethanolamine (TEA) capped CdSe nanoparticles. *Materials Letters*, **2011**, 65, 1283-1286	3.3	6
47	Synthesis of PVP capped gold nanoparticles by the UV-irradiation technique. *Materials Letters*, **2011**, 65, 2844-2847	3.3	19
46	Synthesis and Structural Characterization of a Nickel(II) Complex with Unsymmetrical NNO-Donor Schiff Base Ligand. *Journal of Chemical Crystallography*, **2011**, 41, 1032-1035	0.5	3
45	A New Route to Lead Chalcogenide Nanocrystals. *European Journal of Inorganic Chemistry*, **2011**, 2011, 5196-5201	2.3	7
44	Heterocyclic dithiocarbamates: precursors for shape controlled growth of CdS nanoparticles. *New Journal of Chemistry*, **2011**, 35, 1133	3.6	45
43	Simple Route to Dots and Rods of PbTe Nanocrystals. *Chemistry of Materials*, **2010**, 22, 3817-3819	9.6	38
42	A facile "green" synthesis of ascorbic acid-capped ZnSe nanoparticles. *Colloids and Surfaces B: Biointerfaces*, **2010**, 79, 126-30	6	19
41	The influence of the cadmium source on the shape of CdSe nanoparticles. *Materials Letters*, **2010**, 64, 1037-1040	3.3	16
40	A new synthesis of hexadecylamine-capped Mn-doped wurtzite CdSe nanoparticles. *Materials Letters*, **2010**, 64, 1513-1516	3.3	15
39	The effect of precursor concentration, temperature and capping group on the morphology of CdS nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2009**, 9, 4760-6	1.3	19
38	Time dependant evolution of silver nanodendrites. *Materials Letters*, **2009**, 63, 447-450	3.3	28
37	A novel route to cysteine capped Au□CdSe hybrid nanoparticles. *Materials Letters*, **2009**, 63, 2097-2099	3.3	8
36	Strontium aluminate/polymer composites: Morphology, luminescent properties, and durability. *Journal of Applied Polymer Science*, **2009**, 112, 3347-3354	2.9	30
35	Study on growth kinetics of hexadecylamine capped CdSe nanoparticles using its electronic properties. *Physica B: Condensed Matter*, **2009**, 404, 1204-1208	2.8	11
34	Synthesis of hexadecylamine capped CdS nanoparticles using heterocyclic cadmium dithiocarbamates as single source precursors. *Polyhedron*, **2009**, 28, 2977-2982	2.7	39
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