Fatemeh Davar

List of Publications by Citations

141 papers	7,714 citations	55 h-index	84 g-index
146 ext. papers	8,511 ext. citations	4.1 avg, IF	6.52 L-index

#	Paper	IF	Citations
141	Synthesis of copper and copper(I) oxide nanoparticles by thermal decomposition of a new precursor. *Materials Letters*, **2009**, 63, 441-443	3.3	321
140	Nanoparticles Ni and NiO: Synthesis, characterization and magnetic properties. *Journal of Alloys and Compounds*, **2009**, 476, 797-801	5.7	227
139	Synthesis and characterization of metallic copper nanoparticles via thermal decomposition. *Polyhedron*, **2008**, 27, 3514-3518	2.7	192
138	A simple route to synthesize nanocrystalline nickel ferrite (NiFe2O4) in the presence of octanoic acid as a surfactant. *Polyhedron*, **2009**, 28, 1455-1458	2.7	135
137	Long chain polymer assisted synthesis of flower-like cadmium sulfide nanorods via hydrothermal process. *Journal of Alloys and Compounds*, **2009**, 481, 776-780	5.7	133
136	Synthesis of oleylamine capped copper nanocrystals via thermal reduction of a new precursor. *Polyhedron*, **2009**, 28, 126-130	2.7	131
135	Thermal decomposition route for synthesis of Mn3O4 nanoparticles in presence of a novel precursor. *Polyhedron*, **2010**, 29, 1747-1753	2.7	131
134	Preparation of Co3O4 nanoparticles by nonhydrolytic thermolysis of [Co(Pht)(H2O)]n polymers. *Journal of Magnetism and Magnetic Materials*, **2010**, 322, 872-877	2.8	131
133	Synthesis of nickel and nickel oxide nanoparticles via heat-treatment of simple octanoate precursor. *Journal of Alloys and Compounds*, **2010**, 494, 410-414	5.7	130
132	Preparation of ZnO nanoparticles from [bis(acetylacetonato)zinc(II)]–oleylamine complex by thermal decomposition. *Materials Letters*, **2008**, 62, 1890-1892	3.3	127
131	Modified single-phase hematite nanoparticles via a facile approach for large-scale synthesis. *Chemical Engineering Journal*, **2011**, 170, 278-285	14.7	126
130	Preparation of ZnO nanoflowers and Zn glycerolate nanoplates using inorganic precursors via a convenient rout and application in dye sensitized solar cells. *Chemical Engineering Journal*, **2012**, 181-182, 779-789	14.7	125
129	A novel precursor in preparation and characterization of nickel oxide nanoparticles via thermal decomposition approach. *Journal of Alloys and Compounds*, **2010**, 493, 163-168	5.7	124
128	Magnesium oxide nanocrystals via thermal decomposition of magnesium oxalate. *Journal of Physics and Chemistry of Solids*, **2010**, 71, 1623-1628	3.9	124
127	ZnO nanotriangles: Synthesis, characterization and optical properties. *Journal of Alloys and Compounds*, **2009**, 476, 908-912	5.7	123
126	Green Synthesis of ZnO Nanoparticles and Its Application in the Degradation of Some Dyes. *Journal of the American Ceramic Society*, **2015**, 98, 1739-1746	3.8	122
125	Preparation of α-Al2O3 nanoparticles using modified sol-gel method and its use for the adsorption of lead and cadmium ions. *Journal of Alloys and Compounds*, **2018**, 730, 441-449	5.7	121

124	Controllable synthesis of nanocrystalline CdS with different morphologies by hydrothermal process in the presence of thioglycolic acid. *Chemical Engineering Journal*, **2008**, 145, 346-350	14.7	120
123	Synthesis of lanthanum hydroxide and lanthanum oxide nanoparticles by sonochemical method. *Journal of Alloys and Compounds*, **2011**, 509, 4098-4103	5.7	119
122	Synthesis of star-shaped PbS nanocrystals using single-source precursor. *Journal of Alloys and Compounds*, **2010**, 507, 77-83	5.7	118
121	Synthesis and characterization of cobalt oxide nanoparticles by thermal treatment process. *Inorganica Chimica Acta*, **2009**, 362, 4937-4942	2.7	118
120	Controllable synthesis of thioglycolic acid capped ZnS(Pn)0.5 nanotubes via simple aqueous solution route at low temperatures and conversion to wurtzite ZnS nanorods via thermal decompose of precursor. *Journal of Alloys and Compounds*, **2010**, 494, 199-204	5.7	116
119	Preparation of NiO nanoparticles from metal-organic frameworks via a solid-state decomposition route. *Inorganica Chimica Acta*, **2009**, 362, 3691-3697	2.7	115
118	Synthesis and characterization of spinel-type CuAl2O4 nanocrystalline by modified sol□gel method. *Journal of Sol-Gel Science and Technology*, **2009**, 51, 48-52	2.3	114
117	Preparation of cobalt nanoparticles from [bis(salicylidene)cobalt(II)]□oleylamine complex by thermal decomposition. *Journal of Magnetism and Magnetic Materials*, **2008**, 320, 575-578	2.8	113
116	Synthesis of different morphologies of bismuth sulfide nanostructures via hydrothermal process in the presence of thioglycolic acid. *Journal of Alloys and Compounds*, **2009**, 488, 442-447	5.7	112
115	Synthesis and characterization of spinel-type zinc aluminate nanoparticles by a modified sol□gel method using new precursor. *Journal of Alloys and Compounds*, **2011**, 509, 2487-2492	5.7	111
114	Synthesis and characterization of Co3O4 nanorods by thermal decomposition of cobalt oxalate. *Journal of Physics and Chemistry of Solids*, **2009**, 70, 847-852	3.9	111
113	Bright blue pigment CoAl2O4 nanocrystals prepared by modified sol□gel method. *Journal of Sol-Gel Science and Technology*, **2009**, 52, 321-327	2.3	110
112	Controllable synthesis of metastable tetragonal zirconia nanocrystals using citric acid assisted sol□gel method. *Ceramics International*, **2013**, 39, 2933-2941	5.1	109
111	Shape selective hydrothermal synthesis of tin sulfide nanoflowers based on nanosheets in the presence of thioglycolic acid. *Journal of Alloys and Compounds*, **2010**, 492, 570-575	5.7	108
110	Synthesis and characterization of NiO nanoclusters via thermal decomposition. *Polyhedron*, **2009**, 28, 1111-1114	2.7	108
109	Synthesis and characterization of ZnS nanoclusters via hydrothermal processing from [bis(salicylidene)zinc(II)]. *Journal of Alloys and Compounds*, **2009**, 470, 502-506	5.7	108
108	Flexible ligand synthesis, characterization and catalytic oxidation of cyclohexane with host (nanocavity of zeolite-Y)/guest (Mn(II), Co(II), Ni(II) and Cu(II) complexes of tetrahydro-salophen) nanocomposite materials. *Microporous and Mesoporous Materials*, **2008**, 116, 77-85	5.3	108
107	Oxidation of cyclohexene with tert-butylhydroperoxide and hydrogen peroxide catalysted by Cu(II), Ni(II), Co(II) and Mn(II) complexes of N,N?-bis-(□methylsalicylidene)-2,2-dimethylpropane-1,3-diamine, supported on alumina. *Journal of Molecular Catalysis A*, **2005**, 238, 215-222		108

106	Nanospherical and nanobundles of ZnO: Synthesis and characterization. *Journal of Alloys and Compounds*, **2011**, 509, 61-65	5.7	107
105	Synthesis and characterization of ZnO nanocrystals from thermolysis of new precursor. *Chemical Engineering Journal*, **2009**, 146, 498-502	14.7	107
104	Controllable synthesis of wurtzite ZnS nanorods through simple hydrothermal method in the presence of thioglycolic acid. *Journal of Alloys and Compounds*, **2009**, 475, 782-788	5.7	106
103	Synthesis of lanthanum carbonate nanoparticles via sonochemical method for preparation of lanthanum hydroxide and lanthanum oxide nanoparticles. *Journal of Alloys and Compounds*, **2011**, 509, 134-140	5.7	103
102	Synthesis of Mn3O4 nanoparticles by thermal decomposition of a [bis(salicylidiminato)manganese(II)] complex. *Polyhedron*, **2008**, 27, 3467-3471	2.7	99
101	Synthesis and characterization of pure cubic zirconium oxide nanocrystals by decomposition of bis-aqua, tris-acetylacetonato zirconium(IV) nitrate as new precursor complex. *Inorganica Chimica Acta*, **2009**, 362, 3969-3974	2.7	96
100	Preparation of PbO nanocrystals via decomposition of lead oxalate. *Polyhedron*, **2009**, 28, 2263-2267	2.7	95
99	In situ one-pot template synthesis (IOPTS) and characterization of copper(II) complexes of 14-membered hexaaza macrocyclic ligand 3,10-dialkyl-dibenzo-1,3,5,8,10,12-hexaazacyclotetradecane *Inorganic Chemistry Communication*, **2006**, 9, 175-179	3.1	89
98	Synthesis and characterization of SnO2 nanoparticles by thermal decomposition of new inorganic precursor. *Journal of Alloys and Compounds*, **2010**, 496, 638-643	5.7	80
97	Pure cubic ZrO2 nanoparticles by thermolysis of a new precursor. *Polyhedron*, **2009**, 28, 3005-3009	2.7	71
96	Synthesis and characterization of hierarchical ZnS architectures based nanoparticles in the presence of thioglycolic acid. *Ceramics International*, **2013**, 39, 3173-3181	5.1	70
95	Synthesis of spherical ZnS based nanocrystals using thioglycolic assisted hydrothermal method. *CrystEngComm*, **2012**, 14, 7338	3.3	69
94	Synthesis, characterization and catalytic oxidation of cyclohexane using a novel host (zeolite-Y)/guest (binuclear transition metal complexes) nanocomposite materials. *Inorganica Chimica Acta*, **2009**, 362, 3715-3724	2.7	66
93	Hydrothermal preparation and characterization of based-alloy Bi2Te3 nanostructure with different morphology. *Journal of Alloys and Compounds*, **2010**, 489, 530-534	5.7	64
92	Synthesis, characterization and catalytic oxidation of para-xylene by a manganese(III) Schiff base complex on functionalized multi-wall carbon nanotubes (MWNTs). *Dalton Transactions*, **2010**, 39, 7330-7	4.3	63
91	Fabrication of chain-like Mn2O3 nanostructures via thermal decomposition of manganese phthalate coordination polymers. *Applied Surface Science*, **2009**, 256, 1476-1480	6.7	61
90	Synthesis, thermal stability and photoluminescence of new cadmium sulfide/organic composite hollow sphere nanostructures. *Inorganica Chimica Acta*, **2009**, 362, 3677-3683	2.7	60
89	A novel precursor for synthesis of metallic copper nanocrystals by thermal decomposition approach. *Applied Surface Science*, **2010**, 256, 4003-4008	6.7	59

88	Synthesis, characterization and magnetic properties of NiS1+x nanocrystals from [bis(salicylidene)nickel(II)] as new precursor. *Materials Research Bulletin*, **2009**, 44, 2246-2251	5.1	57
87	Sonochemical synthesis of Dy2(CO3)3 nanoparticles, Dy(OH)3 nanotubes and their conversion to Dy2O3 nanoparticles. *Ultrasonics Sonochemistry*, **2010**, 17, 870-7	8.9	56
86	Green synthesis of zirconia nanoparticles using the modified Pechini method and characterization of its optical and electrical properties. *Journal of Sol-Gel Science and Technology*, **2016**, 77, 542-552	2.3	55
85	Synthesis and characterization of hexagonal nano-sized nickel selenide by simple hydrothermal method assisted by CTAB. *Applied Surface Science*, **2011**, 257, 7982-7987	6.7	53
84	Shape control of nickel selenides synthesized by a simple hydrothermal reduction process. *Polyhedron*, **2012**, 31, 210-216	2.7	50
83	Synthesis, characterization and optical properties of tin oxide nanoclusters prepared from a novel precursor via thermal decomposition route. *Inorganica Chimica Acta*, **2010**, 363, 1719-1726	2.7	49
82	Synthesis of cobalt nanoparticles from [bis(2-hydroxyacetophenato)cobalt(II)] by thermal decomposition. *Polyhedron*, **2009**, 28, 1065-1068	2.7	47
81	Alumina-supported Mn(II), Co(II), Ni(II) and Cu(II) N,N-bis(salicylidene)-2,2-dimethylpropane-1,3-diamine complexes: Synthesis, characterization and catalytic oxidation of cyclohexene with tert-butylhydroperoxide and hydrogen peroxide. *Catalysis*	3.2	45
80	Synthesis, characterization and catalytic activity of copper(II) complexes of 14-membered macrocyclic ligand; 3,10-dialkyl-dibenzo-1,3,5,8,10,12-hexaazacyclotetradecanel/zeolite encapsulated nanocomposite materials. *Inorganic Chemistry Communication*, **2006**, 9, 304-309	3.1	41
79	Synthesis and characterization of cobalt sulfide nanocrystals in the presence of thioglycolic acid via a simple hydrothermal method. *Polyhedron*, **2012**, 31, 438-442	2.7	38
78	Sonochemical synthesis of Dy2(CO3)3 nanoparticles and their conversion to Dy2O3 and Dy(OH)3: Effects of synthesis parameters. *Journal of Alloys and Compounds*, **2010**, 503, 500-506	5.7	38
77	Simple routes to synthesis and characterization of nanosized tin telluride compounds. *Applied Surface Science*, **2010**, 257, 781-785	6.7	37
76	Host (nanodimensional pores of zeolite Y)□guest (3,10-dialkyl-dibenzo-1,3,5,8,10,12-hexaazacyclotetradecane, [Ni(R2Bzo2[14]aneN6)]2+) nanocomposite materials: Synthesis, characterization and catalytic oxidation of cyclohexene. *Inorganic Chemistry Communication*, **2006**, 9, 263-268	3.1	36
75	Synthesis and optical properties of pure monoclinic zirconia nanosheets by a new precursor. *Ceramics International*, **2014**, 40, 8427-8433	5.1	33
74	Synthesis, luminescence and photocatalyst properties of zirconia nanosheets by modified Pechini method. *Journal of Molecular Liquids*, **2016**, 221, 1071-1079	6	32
73	The effect of agarose content on the morphology, phase evolution, and magnetic properties of CoFe2O4 nanoparticles prepared by sol-gel autocombustion method. *International Journal of Applied Ceramic Technology*, **2018**, 15, 758-765	2	32
72	Catalytic activity, structure and stability of proteinase K in the presence of biosynthesized CuO nanoparticles. *International Journal of Biological Macromolecules*, **2019**, 122, 732-744	7.9	30
71	Synthesis of Volcano-Like CdS/Organic Nanocomposite. *International Journal of Applied Ceramic Technology*, **2014**, 11, 637-644	2	29

70	Low Temperature Preparation of 3D Solid and Hollow ZnS Nanosphere Self-Assembled from Nanoparticles by Varying Sulfur Source. *Journal of Cluster Science*, **2013**, 24, 217-231	3	28
69	From inorganic/organic nanocomposite based on chemically hybridized CdS□TGA to pure CdS nanoparticles. *Journal of Industrial and Engineering Chemistry*, **2015**, 21, 965-970	6.3	27
68	ZnS nanoparticles prepared via simple reflux and hydrothermal method: Optical and photocatalytic properties. *Ceramics International*, **2018**, 44, 7545-7556	5.1	27
67	Hydrothermal synthesis, characterization and optical properties of 3D flower like indium sulfide nanostructures. *Superlattices and Microstructures*, **2013**, 53, 76-88	2.8	27
66	Solution-chemical syntheses of nanostructure HgTe via a simple hydrothermal process. *Journal of Alloys and Compounds*, **2010**, 499, 121-125	5.7	27
65	Synthesis and characterization manganese oxide nanobundles from decomposition of manganese oxalate. *Inorganica Chimica Acta*, **2009**, 362, 3663-3668	2.7	27
64	Single-phase hematite nanoparticles: Non-alkoxide sol□gel based preparation, modification and characterization. *Ceramics International*, **2016**, 42, 19336-19342	5.1	26
63	Sucrose-mediated sol□gel synthesis of nanosized pure and S-doped zirconia and its catalytic activity for the synthesis of acetyl salicylic acid. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 4215-4223	6.3	26
62	Hydrothermal synthesis and optical properties of antimony sulfide micro and nano-size with different morphologies. *Materials Letters*, **2012**, 71, 168-171	3.3	26
61	Controllable synthesis of ZnO nanoflowers by the modified sol□gel method. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 12985-12995	2.1	26
60	Temperature controlled synthesis of SrCO3 nanorods via a facile solid-state decomposition rout starting from a novel inorganic precursor. *Applied Surface Science*, **2011**, 257, 3872-3877	6.7	25
59	The single source preparation of rod-like mercury sulfide nanostructures via hydrothermal method. *Inorganica Chimica Acta*, **2011**, 376, 271-277	2.7	24
58	Hydrothermal synthesis and characterization of bismuth selenide nanorods via a co-reduction route. *Inorganica Chimica Acta*, **2011**, 365, 61-64	2.7	24
57	Green synthesis of nanosilica by thermal decomposition of pine cones and pine needles. *Advanced Powder Technology*, **2015**, 26, 1583-1589	4.6	23
56	Synthesis of micro-and nanosized PbS with different morphologies by the hydrothermal process. *Ceramics International*, **2014**, 40, 8143-8148	5.1	21
55	The Production of Nickel(hydr)Oxide Nanostructures Via the Thermolysis of Metalorganic Frameworks. *Current Nanoscience*, **2011**, 7, 260-266	1.4	20
54	Novel inorganic precursor in the controlled synthesis of zinc blend ZnS nanoparticlesviaTGA-assisted hydrothermal method. *CrystEngComm*, **2011**, 13, 2948	3.3	20
53	Synthesis, characterization and optical properties of Zr+4/La+3/Nd+3 tri-doped yttria nanopowder by sol□gel combustion method. *Ceramics International*, **2016**, 42, 10551-10558	5.1	19

52	Various morphologies of nano/micro PbS via green hydrothermal method. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 2937-2946	2.1	19
51	Mercury selenide nanorods: Synthesis and characterization via a simple hydrothermal method. *Polyhedron*, **2011**, 30, 1103-1107	2.7	19
50	A novel chelating acid-assisted thermolysis procedure for preparation of tin oxide nanoparticles. *Polyhedron*, **2010**, 29, 3132-3136	2.7	19
49	Effect of rosemary extract on the microstructure, phase evolution, and magnetic behavior of cobalt ferrite nanoparticles and its application on anti-cancer drug delivery. *Ceramics International*, **2021**, 47, 9409-9417	5.1	18
48	Coating carboxylic and sulfate functional groups on ZrO2 nanoparticles: Antifouling enhancement of nanocomposite membranes during water treatment. *Reactive and Functional Polymers*, **2018**, 131, 299-314	4.6	18
47	Synergistic effect of concurrent presence of zirconium oxide and iron oxide in the form of core-shell nanoparticles on the performance of Fe3O4@ZrO2 /PAN nanocomposite membrane. *Ceramics International*, **2017**, 43, 17174-17185	5.1	17
46	The effect of simultaneous addition of ethylene glycol and agarose on the structural and magnetic properties of CoFe2O4 nanoparticles prepared by the sol-gel auto-combustion method. *Journal of Magnetism and Magnetic Materials*, **2019**, 492, 165714	2.8	17
45	Antibacterial and photocatalytic behaviour of green synthesis of Zn0.95Ag0.05O nanoparticles using herbal medicine extract. *Ceramics International*, **2021**, 47, 31617-31624	5.1	17
44	Facile one-step microwave to prepare CuInS2/CuS nanocomposite for solar cells. *Micro and Nano Letters*, **2011**, 6, 904	0.9	16
43	Template synthesis and characterization of diaza dioxa macrocyclic nanosized cobalt(II) complex dispersed within nanocavity of zeolite-Y. *Polyhedron*, **2010**, 29, 2149-2156	2.7	16
42	Synthesis and characterization of nickel(II) complexes of 14-membered hexaaza macrocyclic ligands 3,10-dialkyl-dibenzo-1,3,5,8,10,12-hexaazacyclotetradecane produced by the in situ one-pot template reaction of formaldehyde and 1,2-phenylenediamine with alkyl or benzyl amine in the presence of the nickel(II) ion. *Polyhedron*, **2006**, 25, 2127-2134	2.7	16
41	Photocatalytic degradation of acetaminophen and codeine medicines using a novel zeolite-supported TiO and ZnO under UV and sunlight irradiation. *Environmental Science and Pollution Research*, **2020**, 27, 26929-26942	5.1	14
40	Synthesis of Fe3O4@ZrO2 core–shell nanoparticles through new approach and its solar light photocatalyst application. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 4871-4878	2.1	13
39	Development of ZrO2-MgO nanocomposite powders by the modified sol-gel method. *International Journal of Applied Ceramic Technology*, **2017**, 14, 211-219	2	13
38	Citric acid-silane modified zirconia nanoparticles: Preparation, characterization and adsorbent efficiency. *Journal of Environmental Chemical Engineering*, **2018**, 6, 701-709	6.8	13
37	The effect of spermidine on the structure, kinetics and stability of proteinase K: spectroscopic and computational approaches. *RSC Advances*, **2016**, 6, 105476-105486	3.7	13
36	CdS/CdSO4 Nanoflower-Based Photodetector with Enhanced Photoelectric Performances. *ACS Applied Nano Materials*, **2020**, 3, 10190-10199	5.6	13
35	Employing magnetism of FeO and hydrophilicity of ZrO to mitigate biofouling in magnetic MBR by FeO-coated ZrO/PAN nanocomposite membrane. *Environmental Technology (United Kingdom)*, **2020**, 41, 2683-2704	2.6	13

34	Effect of lemon juice on microstructure, phase changes, and magnetic performance of CoFe2O4 nanoparticles and their use on release of anti-cancer drugs. *Ceramics International*, **2021**, 47, 20210-20219	5.1	13
33	Controllable Synthesis of Covellite Nanoparticles via Thermal Decomposition Method. *Journal of Cluster Science*, **2016**, 27, 593-602	3	12
32	Polyvinyl alcohol thin film reinforced by green synthesized zirconia nanoparticles. *Ceramics International*, **2018**, 44, 19377-19382	5.1	12
31	Synthesis and characterization of cobalt oxide nanocomposite based on the Co3O4/zeolite Y. *Superlattices and Microstructures*, **2014**, 66, 85-95	2.8	12
30	Synthesis and characterisation of silver sulphide nanoparticles by ultrasonic method. *Micro and Nano Letters*, **2011**, 6, 909	0.9	12
29	The effects of chelating agent type on the morphology and phase evolutions of alumina nanostructures. *Ceramics International*, **2017**, 43, 10247-10252	5.1	11
28	Modified Sol–Gel Based Nanostructured Zirconia Thin Film: Preparation, Characterization, Photocatalyst and Corrosion Behavior. *Journal of Inorganic and Organometallic Polymers and Materials*, **2016**, 26, 932-942	3.2	11
27	Simple Hydrothermal Synthesis of Nickel Hydroxide Flower-Like Nanostructures. *Journal of Cluster Science*, **2013**, 24, 365-376	3	11
26	Synthesis of one-dimensional MS (M = Zn, Cd, and Pb) nanostructure by MAA assisted hydrothermal method: A review. *Polyhedron*, **2017**, 127, 107-125	2.7	10
25	A new inorganic framework in the synthesis of barium carbonate nanoparticles via convenient solid state decomposition route. *Advanced Powder Technology*, **2013**, 24, 14-20	4.6	10
24	Thermal decomposition of [bis(salicylaldehydato)cadmium(II)] to CdS nanocrystals. *Polyhedron*, **2009**, 28, 3975-3978	2.7	10
23	Synthesis, characterization, and catalytic oxidation of ethylbenzene over host (zeolite-Y)/guest (copper(II) complexes of tetraaza macrocyclic ligands) nanocomposite materials. *Journal of Coordination Chemistry*, **2010**, 63, 3240-3255	1.6	9
22	Effect of apple cider vinegar agent on the microstructure, phase evolution, and magnetic properties of CoFe2O4 magnetic nanoparticles. *International Journal of Applied Ceramic Technology* , **2019**, 16, 1612-1621	2	8
21	Synthesis and Characterization of the One-dimensional Cuprate Sr2CuO3 Nanoparticles Prepared by Modified Sol-gel Method. *High Temperature Materials and Processes*, **2013**, 32, 1-6	0.9	8
20	Ultrasonic-assisted preparation of AlON from alumina/carbon core-shell nanoparticle. *Ceramics International*, **2019**, 45, 3350-3358	5.1	7
19	Synthesis and characterization of cadmium sulfide nanostructures by novel precursor via hydrothermal method. *Combinatorial Chemistry and High Throughput Screening*, **2013**, 16, 47-56	1.3	6
18	Cobalt metal-organic framework-based ZIF-67 for the trace determination of herbicide molinate by ion mobility spectrometry: investigation of different morphologies.. *RSC Advances*, **2021**, 11, 2643-2655	3.7	6
17	Synthesis of Different Morphologies of PbS Nanostructures via Hydrothermal Process. *High Temperature Materials and Processes*, **2012**, 31, 707-710	0.9	5

16	Application of zinc oxide and sodium alginate for biofouling mitigation in a membrane bioreactor treating urban wastewater. *Biofouling*, **2020**, 36, 660-678	3.3	5
15	Nano-sized Cu6Sn5 alloy prepared by a co-precipitation reductive route. *Polyhedron*, **2010**, 29, 1796-1800	2.7	4
14	Preparation of alumina/AlON and AlON/AlN composites from Al2O3/Carbon nanocomposite by solvothermal method. *Ceramics International*, **2019**, 45, 6074-6084	5.1	4
13	Synthesis and characterization of a new ZIF-67@MgAlO nanocomposite and its adsorption behaviour.. *RSC Advances*, **2021**, 11, 13245-13255	3.7	4
12	Preparation of zirconia-magnesia nanocomposite powders and coating by a sucrose mediated sol-gel method and investigation of its corrosion behavior. *Ceramics International*, **2017**, 43, 3384-3392	5.1	3
11	The possibility of vanadium substitution on Co lattice sites in CoFe2O4 synthesized by sol-gel autocombustion method. *Journal of Sol-Gel Science and Technology*, **2020**, 95, 157-167	2.3	3
10	Synthesis and Characterization of Copper(II) Complex Nanoparticles ([Cu([18]py}2N4)]2 +, [Cu([20]py}2N4)]2 +, [Cu(Bzo2[18]py2N4)]2 +, [Cu(Bzo2[20]py2N4)]2 +) Encapsulated within the Zeolite-Y. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **2010**, 40, 345-354		3
9	Effect of annealing temperature and chelating agent concentration on the phase evolution, morphology and heavy metal removal efficiency of nanosized spinel. *Materials Research Express*, **2019**, 6, 095092	1.7	2
8	SYNTHESIS OF MONODISPERSE Mn3O4 NANOCRYSTALS. *International Journal of Nanoscience*, **2009**, 08, 281-283	0.6	2
7	SYNTHESIS OF COBALT AND COBALT OXIDE NANOPARTICLES AND THEIR MAGNETIC PROPERTIES. *International Journal of Nanoscience*, **2009**, 08, 273-276	0.6	2
6	Engineering arrangement of nanoparticles within nanocomposite membranes matrix: a suggested way to enhance water flux. *Polymer-Plastics Technology and Materials*, **2020**, 59, 733-752	1.5	2
5	Where is the best site for loading nanoparticles in a membrane? To achieve a high flux and cephalexin separation simultaneously. *Journal of Water Process Engineering*, **2020**, 38, 101578	6.7	2
4	CdSe Quantum Dot Nanoparticles: Synthesis and Application in the Development of Molecularly Imprinted Polymer-Based Dual Optical Sensors. *Industrial & Engineering Chemistry Research*, **2021**, 60, 12328-12342	3.9	2
3	The effects of thioacetamide/copper molar ratio and reaction time on the phase evolution, morphology, optical, and photocatalytic properties of the nanosheets-based flower-like copper sulfide. *International Journal of Applied Ceramic Technology*, **2019**, 16, 2322-2330	2	1
2	SIZED-CONTROLLED ZnO NANOPARTICLES, SYNTHESIS AND MORPHOLOGY. *International Journal of Nanoscience*, **2009**, 08, 277-279	0.6	1
1	Applicability of ZnSNP@Gr nanocomposite for fabrication of an electrochemical sensor in simultaneous measuring of naltrexone, acetaminophen and ascorbic acid. *Chemical Papers*, **2021**, 75, 6611	1.9	1