Titipun Thongtem

List of Publications by Citations

268 papers	5,283 citations	38 h-index	57 g-index
277 ext. papers	6,080 ext. citations	3 avg, IF	6.25 L-index

#	Paper	IF	Citations
268	Luminescence and absorbance of highly crystalline CaMoO4, SrMoO4, CaWO4 and SrWO4 nanoparticles synthesized by co-precipitation method at room temperature. *Journal of Alloys and Compounds*, **2010**, 506, 475-481	5.7	180
267	Characterization of MMoO4 (M=Ba, Sr and Ca) with different morphologies prepared using a cyclic microwave radiation. *Materials Letters*, **2008**, 62, 454-457	3.3	100
266	Characterization of MeWO4 (Me=Ba, Sr and Ca) nanocrystallines prepared by sonochemical method. *Applied Surface Science*, **2008**, 254, 7581-7585	6.7	100
265	Ultrasonic-assisted synthesis of Nd-doped ZnO for photocatalysis. *Materials Letters*, **2013**, 90, 83-86	3.3	97
264	Sonochemical synthesis of Dy-doped ZnO nanostructures and their photocatalytic properties. *Journal of Alloys and Compounds*, **2013**, 576, 72-79	5.7	95
263	Free-polymer controlling morphology of □MoO3 nanobelts by a facile hydrothermal synthesis, their electrochemistry for hydrogen evolution reactions and optical properties. *Journal of Alloys and Compounds*, **2012**, 516, 172-178	5.7	87
262	Synthesis and characterization of hierarchical multilayered flower-like assemblies of Ag doped Bi2WO6 and their photocatalytic activities. *Superlattices and Microstructures*, **2013**, 64, 196-203	2.8	86
261	Characterization of Orthorhombic□MoO3Microplates Produced by a Microwave Plasma Process. *Journal of Nanomaterials*, **2012**, 2012, 1-5	3.2	86
260	Effect of pH on visible-light-driven Bi2WO6 nanostructured catalyst synthesized by hydrothermal method. *Superlattices and Microstructures*, **2015**, 78, 106-115	2.8	85
259	Hydrothermal synthesis, characterization, and optical properties of wolframite ZnWO4 nanorods. *CrystEngComm*, **2011**, 13, 1564-1569	3.3	83
258	Preparation, characterization and photoluminescence of nanocrystalline calcium molybdate. *Journal of Alloys and Compounds*, **2009**, 481, 568-572	5.7	82
257	Synthesis and characterization of highly efficient Gd doped ZnO photocatalyst irradiated with ultraviolet and visible radiations. *Materials Science in Semiconductor Processing*, **2015**, 39, 786-792	4.3	71
256	Preparation and characterization of nanocrystalline SrWO4 using cyclic microwave radiation. *Current Applied Physics*, **2008**, 8, 189-197	2.6	71
255	Synthesis of lead molybdate and lead tungstate via microwave irradiation method. *Journal of Crystal Growth*, **2009**, 311, 4076-4081	1.6	69
254	Synthesis of h- and□MoO3by Refluxing and Calcination Combination: Phase and Morphology Transformation, Photocatalysis, and Photosensitization. *Journal of Nanomaterials*, **2013**, 2013, 1-8	3.2	68
253	Enhanced photocatalytic degradation of methylene blue by WO3/ZnWO4 composites synthesized by a combination of microwave-solvothermal method and incipient wetness procedure. *Powder Technology*, **2015**, 284, 85-94	5.2	65
252	Hydrothermal synthesis of Bi2WO6 hierarchical flowers with their photonic and photocatalytic properties. *Superlattices and Microstructures*, **2013**, 54, 71-77	2.8	65

251	Formation of CuS with flower-like, hollow spherical, and tubular structures using the solvothermal-microwave process. *Current Applied Physics*, **2009**, 9, 195-200	2.6	65
250	Sonochemical synthesis, photocatalysis and photonic properties of 3% Ce-doped ZnO nanoneedles. *Ceramics International*, **2013**, 39, S563-S568	5.1	62
249	Microwave-assisted synthesis and characterization of SrMoO4 and SrWO4 nanocrystals. *Journal of Nanoparticle Research*, **2010**, 12, 2287-2294	2.3	62
248	Microwave-assisted synthesis, photocatalysis and antibacterial activity of Ag nanoparticles supported on ZnO flowers. *Journal of Physics and Chemistry of Solids*, **2019**, 126, 170-177	3.9	62
247	CTAB-assisted hydrothermal synthesis of tungsten oxide microflowers. *Journal of Alloys and Compounds*, **2011**, 509, 2294-2299	5.7	61
246	CMC-coated Fe3O4 nanoparticles as new MRI probes for hepatocellular carcinoma. *Applied Surface Science*, **2015**, 356, 972-977	6.7	60
245	Effects of ethylenediamine to water ratios on cadmium sulfide nanorods and nanoparticles produced by a solvothermal method. *Materials Letters*, **2009**, 63, 1538-1541	3.3	51
244	Preparation, characterization and photocatalytic properties of Ho doped ZnO nanostructures synthesized by sonochemical method. *Superlattices and Microstructures*, **2014**, 67, 118-126	2.8	50
243	Smart magnetic nanoparticle-aptamer probe for targeted imaging and treatment of hepatocellular carcinoma. *International Journal of Pharmaceutics*, **2014**, 473, 469-74	6.5	49
242	Visible-light driven photocatalytic degradation of rhodamine B by Ag/Bi2WO6 heterostructures. *Materials Letters*, **2015**, 159, 289-292	3.3	48
241	Enhanced properties for visible-light-driven photocatalysis of Ag nanoparticle modified Bi2MoO6 nanoplates. *Materials Science in Semiconductor Processing*, **2015**, 34, 175-181	4.3	47
240	Influence of cetyltrimethylammonium bromide on the morphology of AWO4 (A=Ca, Sr) prepared by cyclic microwave irradiation. *Applied Surface Science*, **2008**, 254, 7765-7769	6.7	47
239	Characterization and antibacterial activity of nanostructured ZnO thin films synthesized through a hydrothermal method. *Powder Technology*, **2014**, 254, 199-205	5.2	46
238	Barium molybdate and barium tungstate nanocrystals synthesized by a cyclic microwave irradiation. *Journal of Physics and Chemistry of Solids*, **2009**, 70, 955-959	3.9	45
237	Microwave-assisted synthesis of ZnO nanostructure flowers. *Materials Letters*, **2009**, 63, 1224-1226	3.3	43
236	Characterization of nanostructured ZnO produced by microwave irradiation. *Ceramics International*, **2010**, 36, 257-262	5.1	42
235	Analysis of lead molybdate and lead tungstate synthesized by a sonochemical method. *Current Applied Physics*, **2010**, 10, 342-345	2.6	41
234	Synthesis and analysis of CuS with different morphologies using cyclic microwave irradiation. *Journal of Materials Science*, **2007**, 42, 9316-9323	4.3	41

233	Ultrasonic-assisted synthesis and photocatalytic performance of ZnO nanoplates and microflowers. *Materials and Design*, **2016**, 107, 250-256	8.1	40
232	Photoabsorption and photocatalysis of SrSnO3 produced by a cyclic microwave radiation. *Superlattices and Microstructures*, **2013**, 57, 1-10	2.8	40
231	Characterization of SrCO3 and BaCO3 nanoparticles synthesized by sonochemical method. *Materials Letters*, **2010**, 64, 510-512	3.3	38
230	Large-scale synthesis of WO3 nanoplates by a microwave-hydrothermal method. *Ceramics International*, **2012**, 38, 1051-1055	5.1	37
229	Antimicrobial activities of CuO films deposited on Cu foils by solution chemistry. *Applied Surface Science*, **2013**, 277, 211-217	6.7	37
228	Synthesis, characterization and photocatalysis of heterostructure AgBr/Bi 2 WO 6 nanocomposites. *Materials Letters*, **2018**, 216, 92-96	3.3	36
227	Hydrothermal synthesis and electrochemical properties of □MoO3 nanobelts used as cathode materials for Li-ion batteries. *Applied Physics A: Materials Science and Processing*, **2012**, 107, 249-254	2.6	35
226	Controlled Gd2O3 nanorods and nanotubes by the annealing of Gd(OH)3 nanorod and nanotube precursors and self-templates produced by a microwave-assisted hydrothermal process. *CrystEngComm*, **2010**, 12, 2962	3.3	35
225	Characterization of Bi2S3 nanorods and nano-structured flowers prepared by a hydrothermal method. *Materials Letters*, **2009**, 63, 1496-1498	3.3	34
224	Solvothermal synthesis of CdS nanowires templated by polyethylene glycol. *Ceramics International*, **2009**, 35, 2817-2822	5.1	34
223	Preparation and characterization of Ag3VO4/Bi2MoO6 nanocomposites with highly visible-light-induced photocatalytic properties. *Materials Letters*, **2016**, 180, 93-96	3.3	34
222	Synthesis of cubic CuFe2O4 nanoparticles by microwave-hydrothermal method and their magnetic properties. *Materials Letters*, **2016**, 167, 65-68	3.3	33
221	Cyclic microwave-assisted spray synthesis of nanostructured MnWO4. *Materials Letters*, **2009**, 63, 833-836	3.3	33
220	High visible light photocatalytic activity of Eu-doped MoO3 nanobelts synthesized by hydrothermal method. *Materials Letters*, **2016**, 172, 166-170	3.3	33
219	Effect of pH on Phase, Morphology and Photocatalytic Properties of BiOBr Synthesized by Hydrothermal Method. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 714-721	3.2	33
218	Sonochemical synthesis and characterization of BiOI nanoplates for using as visible-light-driven photocatalyst. *Materials Letters*, **2018**, 213, 88-91	3.3	33
217	Synthesis, characterization and optical activity of La-doped ZnWO4 nanorods by hydrothermal method. *Superlattices and Microstructures*, **2014**, 67, 197-206	2.8	32
216	Free surfactant synthesis of microcrystalline CdS by solvothermal reaction. *Materials Letters*, **2007**, 61, 3235-3238	3.3	32

215	Characterization of nano- and micro-crystalline CdS synthesized using cyclic microwave radiation. *Journal of Physics and Chemistry of Solids*, **2008**, 69, 1346-1349	3.9	32
214	Synthesis, analysis and photocatalysis of AgBr/Bi2MoO6 nanocomposites. *Materials Letters*, **2016**, 172, 11-14	3.3	32
213	Microwave-assisted hydrothermal synthesis and characterization of CeO2 nanowires for using as a photocatalytic material. *Materials Letters*, **2017**, 196, 61-63	3.3	31
212	Effect of medium solvent ratios on morphologies and optical properties of □ZnMoO4, □ZnMoO4 and ZnMoO4□0.8H2O crystals synthesized by microwave-hydrothermal/solvothermal method. *Superlattices and Microstructures*, **2014**, 69, 253-264	2.8	31
211	Hydrothermal preparation of visible-light-driven Br-doped Bi2WO6 photocatalyst. *Materials Letters*, **2017**, 209, 501-504	3.3	31
210	Fabrication of ZnWO4 nanofibers by a high direct voltage electrospinning process. *Journal of Alloys and Compounds*, **2011**, 509, 6689-6695	5.7	31
209	Microwave-assisted hydrothermal synthesis of Bi2S3 nanorods in flower-shaped bundles. *Journal of Alloys and Compounds*, **2010**, 500, 195-199	5.7	31
208	Characterization of perovskite LaFeO3 synthesized by microwave plasma method for photocatalytic applications. *Ceramics International*, **2019**, 45, 4802-4809	5.1	31
207	Characterization of ZnMoO4 nanofibers synthesized by electrospinning□calcination combinations. *Materials Letters*, **2012**, 68, 265-268	3.3	30
206	Microwave-assisted synthesis and optical property of CdMoO4 nanoparticles. *Journal of Physics and Chemistry of Solids*, **2011**, 72, 176-180	3.9	30
205	Precipitate synthesis of BaMoO4 and BaWO4 nanoparticles at room temperature and their photoluminescence properties. *Superlattices and Microstructures*, **2012**, 52, 78-83	2.8	29
204	Hydrothermal synthesis of double sheaf-like Sb2S3 using copolymer as a crystal splitting agent. *Journal of Alloys and Compounds*, **2010**, 507, L38-L42	5.7	29
203	Cyclic microwave-assisted synthesis and characterization of nano-crystalline alkaline earth metal tungstates. *Journal of the Ceramic Society of Japan*, **2008**, 116, 605-609	1	28
202	Synthesis of Ag/Bi2MoO6 Nanocomposites Using NaBH4 as Reducing Agent for Enhanced Visible-Light-Driven Photocatalysis of Rhodamine B. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 322-329	3.2	28
201	Synthesis and Characterization Ag Nanoparticles Supported on Bi2WO6 Nanoplates for Enhanced Visible-Light-Driven Photocatalytic Degradation of Rhodamine B. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 1033-1040	3.2	28
200	Enhanced photocatalytic performance of visible-light-driven BiOBr/BiPO4 composites. *Materials Science in Semiconductor Processing*, **2018**, 75, 319-326	4.3	27
199	Photocatalytic degradation of organic dyes by UV light, catalyzed by nanostructured Cd-doped ZnO synthesized by a sonochemical method. *Research on Chemical Intermediates*, **2015**, 41, 9757-9772	2.8	26
198	Characterization of Bi2S3 with different morphologies synthesized using microwave radiation. *Materials Letters*, **2010**, 64, 122-124	3.3	26

197	Hydrothermal synthesis of I-doped Bi2WO6 for using as a visible-light-driven photocatalyst. *Materials Letters*, **2018**, 224, 67-70	3.3	25
196	Synthesis and characterization of Ce-doped CuO nanostructures and their photocatalytic activities. *Materials Letters*, **2016**, 167, 266-269	3.3	25
195	Controlling morphologies and growth mechanism of hexagonal prisms with planar and pyramid tips of ZnO microflowers by microwave radiation. *Ceramics International*, **2014**, 40, 9069-9076	5.1	25
194	Photocatalysis of WO3Nanoplates Synthesized by Conventional-Hydrothermal and Microwave-Hydrothermal Methods and of Commercial WO3Nanorods. *Journal of Nanomaterials*, **2014**, 2014, 1-8	3.2	25
193	Simple wet-chemical synthesis of superparamagnetic CTAB-modified magnetite nanoparticles using as adsorbents for anionic dye Congo red removal. *Materials Letters*, **2018**, 213, 138-142	3.3	25
192	Synthesis and characterization of visible light-driven W-doped Bi 2 MoO 6 photocatalyst and its photocatalytic activities. *Materials Letters*, **2017**, 194, 114-117	3.3	24
191	Photocatalytic degradation of methylene blue by Zn2SnO4-SnO2 system under UV visible radiation. *Materials Science in Semiconductor Processing*, **2017**, 66, 56-61	4.3	24
190	Synthesis of AgI/Bi 2 MoO 6 heterojunctions and their photoactivity enhancement driven by visible light. *Materials Letters*, **2016**, 175, 75-78	3.3	23
189	Characterization of SrCO3 and BaCO3 nanoparticles synthesized by cyclic microwave radiation. *Materials Letters*, **2012**, 87, 153-156	3.3	22
188	Characterization of SrWO4PVA and SrWO4 spiders□webs synthesized by electrospinning. *Ceramics International*, **2011**, 37, 3499-3507	5.1	22
187	Characterisation of one-dimensional CdS nanorods synthesised by solvothermal method. *Journal of Experimental Nanoscience*, **2009**, 4, 47-54	1.9	22
186	Characterization of Bi4Ti3O12 powder prepared by the citrate and oxalate coprecipitation processes. *Ceramics International*, **2004**, 30, 1463-1470	5.1	22
185	Decolorization of rhodamine B photocatalyzed by Ag3PO4/Bi2WO6 nanocomposites under visible radiation. *Materials Letters*, **2018**, 218, 146-149	3.3	21
184	Influence of Gd dopant on photocatalytic properties of MoO3 nanobelts. *Materials Letters*, **2016**, 173, 158-161	3.3	21
183	Characterization of cadmium sulfide nanorods prepared by the solvothermal process. *Materials Letters*, **2009**, 63, 1562-1565	3.3	21
182	Synthesis and characterization of visible-light-driven Cl-doped Bi2MoO6 photocatalyst with enhanced photocatalytic activity. *Materials Letters*, **2017**, 196, 256-259	3.3	20
181	Glycolthermal synthesis of Bi2MoO6 nanoplates and their photocatalytic performance. *Materials Letters*, **2015**, 154, 180-183	3.3	20
180	Hydrothermal synthesis of Ag-doped BiOI nanostructure used for photocatalysis. *Research on Chemical Intermediates*, **2016**, 42, 5559-5572	2.8	20

179	Effect of PEG on phase, morphology and photocatalytic activity of CeVO4 nanostructures. *Materials Letters*, **2016**, 174, 138-141	3.3	20
178	Novel combined sonochemical/solvothermal syntheses, characterization and optical properties of CdS nanorods. *Powder Technology*, **2013**, 233, 155-160	5.2	20
177	Preparation and enhanced photocatalytic performance of AgCl/Bi2MoO6 heterojunction. *Materials Letters*, **2016**, 179, 162-165	3.3	20
176	Hydrothermal synthesis and characterization of Dy-doped MoO 3 nanobelts for using as a visible-light-driven photocatalyst. *Materials Letters*, **2017**, 195, 37-40	3.3	19
175	Characterization of ZnO□TiO2 and zinc titanate nanoparticles synthesized by hydrothermal process. *Research on Chemical Intermediates*, **2017**, 43, 3183-3195	2.8	19
174	Enhanced doxorubicin delivery and cytotoxicity in multidrug resistant cancer cells using multifunctional magnetic nanoparticles. *Colloids and Surfaces B: Biointerfaces*, **2014**, 113, 249-53	6	19
173	Preparation of ear-like, hexapod and dendritic PbS using cyclic microwave-assisted synthesis. *Materials Letters*, **2009**, 63, 667-669	3.3	19
172	A single-step method for synthesis of CuInS2 nanostructures using cyclic microwave irradiation. *Ceramics International*, **2016**, 42, 15643-15649	5.1	19
171	Microwave-hydrothermal synthesis of BiOBr/Bi2WO6 nanocomposites for enhanced photocatalytic performance. *Ceramics International*, **2018**, 44, S148-S151	5.1	18
170	Solvothermal synthesis and photocatalytic properties of CdS nanowires under UV and visible irradiation. *Materials Science in Semiconductor Processing*, **2014**, 26, 329-335	4.3	18
169	Single-step synthesis of ZnO/TiO2 nanocomposites by microwave radiation and their photocatalytic activities. *Materials Letters*, **2013**, 96, 78-81	3.3	18
168	Influence of Mg dopant on photocatalytic properties of Mg-doped ZnO nanoparticles prepared by sol–gel method. *Journal of the Ceramic Society of Japan*, **2017**, 125, 122-124	1	18
167	Synthesis and Characterization of Europium-Doped Zinc Oxide Photocatalyst. *Journal of Nanomaterials*, **2014**, 2014, 1-9	3.2	18
166	Photoemission and energy gap of MgWO4 particles connecting as nanofibers synthesized by electrospinning□calcination combinations. *Applied Surface Science*, **2012**, 258, 4971-4976	6.7	18
165	Synthesis, characterisation and photoluminescence of nanocrystalline calcium tungstate. *Journal of Experimental Nanoscience*, **2010**, 5, 263-270	1.9	18
164	Cyclic microwave-assisted synthesis of flower-like and hexapod silver bismuth sulfide. *Materials Letters*, **2009**, 63, 2163-2166	3.3	18
163	Influence of Dy dopant on photocatalytic properties of Dy-doped ZnWO4 nanorods. *Materials Letters*, **2016**, 166, 183-187	3.3	17
162	Glycothermal synthesis of Dy-doped Bi2MoO6 nanoplates and their photocatalytic performance. *Research on Chemical Intermediates*, **2016**, 42, 5087-5097	2.8	17

161	Microwave-assisted synthesis of CePO4 nanorod phosphor with violet emission. *Rare Metals*, **2011**, 30, 572-576	5.5	17
160	Synthesis of lanthanum tungstate interconnecting nanoparticles by high voltage electrospinning. *Applied Surface Science*, **2015**, 351, 1075-1080	6.7	16
159	Photocatalytic activity of Zn2SnO4/SnO2 nanocomposites produced by sonochemistry in combination with high temperature calcination. *Superlattices and Microstructures*, **2014**, 74, 173-183	2.8	16
158	Hydrothermal Synthesis and Characterization of Bi2MoO6Nanoplates and Their Photocatalytic Activities. *Journal of Nanomaterials*, **2013**, 2013, 1-8	3.2	16
157	Characterization and photocatalysis of visible-light-driven Dy-doped ZnO nanoparticles synthesized by tartaric acid-assisted combustion method. *Inorganic Chemistry Communication*, **2020**, 117, 107944	3.1	15
156	Characterization of ZnO flowers of hexagonal prisms with planar and hexagonal pyramid tips grown on Zn substrates by a hydrothermal process. *Superlattices and Microstructures*, **2013**, 53, 195-203	2.8	15
155	Large-scale synthesis of CuS hexaplates in mixed solvents using a solvothermal method. *Materials Letters*, **2010**, 64, 111-114	3.3	15
154	Malic acid complex method for preparation of LiNiVO4 nano-crystallites. *Journal of Materials Science*, **2007**, 42, 3923-3927	4.3	15
153	Template synthesis of Zn2TiO4 and Zn2Ti3O8 nanorods by hydrothermal-calcination combined processes. *Materials Letters*, **2017**, 193, 270-273	3.3	14
152	Synthesis of Pd nanoparticles modified Bi2MoO6 nanoplates by microwave-assisted deposition with their enhanced visible-light-driven photocatalyst. *Optik*, **2020**, 212, 164674	2.5	14
151	Synthesis and characterization of GdVO 4 nanostructures by a tartaric acid-assisted sol–gel method. *Ceramics International*, **2014**, 40, 16337-16342	5.1	14
150	Characterization of cubic and star-shaped dendritic PbS structures synthesized by a solvothermal method. *Materials Letters*, **2012**, 81, 55-58	3.3	14
149	Cyclic microwave-assisted synthesis of CuFeS2 nanoparticles using biomolecules as sources of sulfur and complexing agent. *Materials Letters*, **2013**, 101, 9-12	3.3	14
148	Characterization of Cu3SnS4 Nanoparticles and Nanostructured Flowers Synthesized by a Microwave-Refluxing Method. *Japanese Journal of Applied Physics*, **2013**, 52, 111201	1.4	14
147	Template-free synthesis of neodymium hydroxide nanorods by microwave-assisted hydrothermal process, and of neodymium oxide nanorods by thermal decomposition. *Ceramics International*, **2012**, 38, 4075-4079	5.1	14
146	Preparation of LiNiVO4 nano-powder using tartaric acid as a complexing agent. *Ceramics International*, **2007**, 33, 1449-1453	5.1	14
145	Photocatalytic activity of La-doped ZnO nanostructure materials synthesized by sonochemical method. *Rare Metals*, **2016**, 35, 390-395	5.5	13
144	Transformation of cubic AgBiS2 from nanoparticles to nanostructured flowers by a microwave-refluxing method. *Ceramics International*, **2013**, 39, S383-S387	5.1	13

143	Transient solid-state production of nanostructured CuS flowers. *Materials Letters*, **2009**, 63, 2409-2412	3.3	13
142	Formation of titanium nitride on TiAl alloys by direct metal–gas reaction. *Journal of Materials Science*, **2006**, 41, 4654-4662	4.3	13
141	Photocatalysis of Cd-doped ZnO synthesized with precipitation method. *Rare Metals*, **2021**, 40, 537-546	5.5	13
140	Effect of NaOH on morphologies and photocatalytic activities of CeO2 synthesized by microwave-assisted hydrothermal method. *Materials Letters*, **2017**, 193, 161-164	3.3	12
139	Facile sonochemical synthesis and photocatalysis of Ag nanoparticle/ZnWO4-nanorod nanocomposites. *Rare Metals*, **2019**, 38, 601-608	5.5	12
138	Solvothermal synthesis of uniform and high aspect ratio of CdS nanowires and their optical properties. *Solid State Sciences*, **2012**, 14, 1023-1029	3.4	12
137	Synthesis and Characterization of CeVO4by Microwave Radiation Method and Its Photocatalytic Activity. *Journal of Nanomaterials*, **2013**, 2013, 1-7	3.2	12
136	Solvothermal synthesis of CdS nanorods using hydroxyethyl cellulose as a template. *Current Applied Physics*, **2009**, 9, 1272-1277	2.6	12
135	Cyclic microwave assisted synthesis of Sb2S3 dumb-bells using polyvinylpyrrolidone as a template and splitting agent. *Materials Letters*, **2010**, 64, 2388-2391	3.3	12
134	Effect of microwave radiation on the morphology of tetragonal Cu3SnS4 synthesized by refluxing method. *Superlattices and Microstructures*, **2015**, 85, 488-496	2.8	11
133	Microwave-assisted hydrothermal synthesis of BiOBr/BiOCl flowerlike composites used for photocatalysis. *Research on Chemical Intermediates*, **2020**, 46, 2117-2135	2.8	11
132	Synthesis and characterization of GdVO 4 nanoparticles by a malic acid-assisted sol–gel method. *Materials Letters*, **2014**, 136, 18-21	3.3	11
131	Effect of Ce dopant on structure, morphology, photoabsorbance and photocatalysis of ZnWO4 nanostructure. *Journal of the Ceramic Society of Japan*, **2017**, 125, 62-64	1	11
130	Hydrothermal Synthesis, Characterization, and Visible Light-Driven Photocatalytic Properties of Bi2WO6Nanoplates. *Journal of Nanomaterials*, **2014**, 2014, 1-7	3.2	11
129	Biomolecule and surfactant-assisted hydrothermal synthesis of PbS crystals. *Ceramics International*, **2008**, 34, 1691-1695	5.1	11
128	Visible-light-driven photocatalysis of heterostructure Ag/Bi2WO6 nanocomposites and their photocatalytic degradation of dye under visible light irradiation. *Research on Chemical Intermediates*, **2016**, 42, 1651-1662	2.8	10
127	Precipitation-Deposition of Visible-Light-Driven AgCl/Bi2WO6 Nanocomposites used for the Removal of Rhodamine B. *Journal of Electronic Materials*, **2019**, 48, 4789-4796	1.9	10
126	Photoluminescence and photonic absorbance of Ce2(MoO4)3 nanocrystal synthesized by microwave–hydrothermal/solvothermal method. *Rare Metals*, **2018**, 37, 868-874	5.5	10

125	Preparation of LaPO4 nanowires with high aspect ratio by a facile hydrothermal method and their photoluminescence. *Research on Chemical Intermediates*, **2013**, 39, 1363-1371	2.8	10
124	Photodegradation of rhodamine B by Ag3PO4/Bi2MoO6 nanocomposites under visible light illumination. *Journal of the Ceramic Society of Japan*, **2017**, 125, 387-390	1	10
123	Hydrothermal Synthesis of Bi2MoO6 Visible-Light-Driven Photocatalyst. *Journal of Nanomaterials*, **2015**, 2015, 1-6	3.2	10
122	Microwave-assisted synthesis and characterisation of uniform LaPO4 nanorods. *Journal of Experimental Nanoscience*, **2012**, 7, 616-623	1.9	10
121	Characterization of nano-crystalline LiNiVO4 synthesized by hydrothermal process. *Materials Letters*, **2007**, 61, 3805-3808	3.3	10
120	Visible-Light-Driven Photocatalysis of Gd-Doped ZnO Nanoparticles Prepared by Tartaric Acid Precipitation Method. *Russian Journal of Inorganic Chemistry*, **2019**, 64, 1600-1608	1.5	10
119	Synthesis and characterization of Ce-doped MoO3 nanobelts for using as visible-light-driven photocatalysts. *Superlattices and Microstructures*, **2018**, 120, 241-249	2.8	10
118	Synthesis, characterization and ferromagnetic properties of Zn1-xMnxO (x □0.05) nanoparticles. *Journal of Molecular Structure*, **2018**, 1161, 108-112	3.4	9
117	Characterization and photonic absorption of hierarchical tree-like CdS nanostructure synthesized by solvothermal method. *Materials Letters*, **2012**, 80, 114-116	3.3	9
116	Effect of Cd and S sources on the morphologies of CdS synthesized by solvothermal reactions in mixed solvents. *Current Applied Physics*, **2009**, 9, S201-S204	2.6	9
115	Tartaric acid-assisted precipitation of visible light-driven Ce-doped ZnO nanoparticles used for photodegradation of methylene blue. *Journal of the Australian Ceramic Society*, **2020**, 56, 1029-1041	1.5	9
114	Synthesis, characterization and electrochemical properties of □MoO3 nanobelts for Li-ion batteries. *Russian Journal of Physical Chemistry A*, **2016**, 90, 1224-1230	0.7	9
113	Hydrothermal synthesis of hexagonal ZnO nanoplates used for photodegradation of methylene blue. *Optik*, **2021**, 226, 165949	2.5	9
112	Characterization and cellular studies of molecular nanoparticle of iron (III)-tannic complexes; toward a low cost magnetic resonance imaging agent. *Biointerphases*, **2017**, 12, 021005	1.8	8
111	Sonochemical-Assisted Deposition Synthesis of Visible-Light-Driven Pd/Bi2MoO6 Used for Photocatalytic Degradation of Rhodamine B. *Journal of Electronic Materials*, **2020**, 49, 3684-3691	1.9	8
110	Photocatalytic activity of ZNO with different morphologies synthesized by a sonochemical method. *Russian Journal of Physical Chemistry A*, **2016**, 90, 949-954	0.7	8
109	Microwave-assisted solution synthesis and photocatalytic activity of Ag nanoparticles supported on ZnO nanostructure flowers. *Research on Chemical Intermediates*, **2018**, 44, 7427-7436	2.8	8
108	Sonochemical preparation of PbWO4 crystals with different morphologies. *Ceramics International*, **2009**, 35, 1103-1108	5.1	8

107	Polymer-assisted hydrothermal synthesis of Bi2S3 nanostructured flowers. *Journal of Physics and Chemistry of Solids*, **2010**, 71, 712-715	3.9	8
106	Analyses of nano-crystalline LiCoVO4 prepared by solvothermal reaction. *Materials Letters*, **2006**, 60, 3776-3781	3.3	8
105	BiOX (X = Cl, Br, and I) Nanoplates Prepared by Surfactant-Free Microwave Synthesis and Their Photocatalytic Performance. *Russian Journal of Physical Chemistry A*, **2018**, 92, 2289-2295	0.7	8
104	Sonochemical synthesis and characterization of uniform lanthanide orthophosphate (LnPO4, Ln = La and Ce) nanorods. *Rare Metals*, **2015**, 34, 301-307	5.5	7
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