

Titipun Thongtem

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Degradation of rhodamine B photocatalyzed by Eu-doped CdS nanowires illuminated by visible radiation. <i>Journal of the Indian Chemical Society</i> , 2022 , 99, 100349		0
267	Synthesis of PdAg/Bi ₂ WO ₆ nanocomposites for efficient photodegradation of rhodamine B under visible light irradiation. <i>Journal of the Australian Ceramic Society</i> , 2022 , 58, 299-307	1.5	0
266	Hydrothermal preparation of Au-doped Bi ₂ WO ₆ nanoplates for enhanced visible-light-driven photocatalytic degradation of rhodamine B. <i>Solid State Sciences</i> , 2022 , 128, 106881	3.4	2
265	Microwave-assisted synthesis and enhanced photocatalytic performance of Bi ₂ O ₂ CO ₃ nanoplates. <i>Inorganic Chemistry Communication</i> , 2021 , 134, 109004	3.1	5
264	Visible-light-driven heterostructure Ag/Bi ₂ WO ₆ nanocomposites synthesized by photodeposition method and used for photodegradation of rhodamine B dye. <i>Research on Chemical Intermediates</i> , 2021 , 47, 3079-3092	2.8	4
263	Synthesis of Heterostructure Au/ZnO Nanocomposites by Sonochemical-Assisted Deposition Method and Their Photodegradation for Methylene Blue. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 613-620	1.5	5
262	Sonochemical Synthesis and Characterization of Ag/ZnO Heterostructure Nanocomposites and their Photocatalytic Efficiencies. <i>Journal of Electronic Materials</i> , 2021 , 50, 4524-4532	1.9	2
261	Pd nanoparticle-modified Bi ₂ WO ₆ nanoplates used for visible-light-driven photocatalyst. <i>Research on Chemical Intermediates</i> , 2021 , 47, 4157-4171	2.8	3
260	Preparation, characterisation and enhanced properties of Ag/ZnO nanocomposites for UV-light-driven photocatalysis. <i>Materials Research Innovations</i> , 2021 , 25, 199-207	1.9	
259	Liver Cancer Cells Uptake Labile Iron via L-type Calcium Channel to Facilitate the Cancer Cell Proliferation. <i>Cell Biochemistry and Biophysics</i> , 2021 , 79, 133-139	3.2	1
258	Hydrothermal synthesis of hexagonal ZnO nanoplates used for photodegradation of methylene blue. <i>Optik</i> , 2021 , 226, 165949	2.5	9
257	Photocatalytic Degradation of Rhodamine B by Highly Effective Heterostructure Pd/Bi ₂ MoO ₆ Nanocomposites Synthesized by Photoreduction Deposition Method. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 162-171	3.2	1
256	Enhanced visible-light-driven Pd/Bi ₂ WO ₆ heterojunctions used for photodegradation of rhodamine B. <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 1103-1111	2	7
255	Photodeposition of AgPd nanoparticles on Bi ₂ WO ₆ nanoplates for the enhanced photodegradation of rhodamine B. <i>Inorganic Chemistry Communication</i> , 2021 , 124, 108399	3.1	4
254	Development of a rapid method for assessing the efficacy of antibacterial photocatalytic coatings. <i>Talanta</i> , 2021 , 225, 122009	6.2	1
253	Synthesis and characterization of Gd-doped PbMoO ₄ nanoparticles used for UV-light-driven photocatalysis. <i>Journal of Rare Earths</i> , 2021 , 39, 1056-1061	3.7	4
252	AgBr nanoparticles/ZnO flowers nanocomposites used for photodegradation of methylene blue solution illuminated by ultraviolet-visible radiation. <i>Inorganic and Nano-Metal Chemistry</i> , 2021 , 51, 523-530	1.2	1

251	Photocatalysis of Cd-doped ZnO synthesized with precipitation method. <i>Rare Metals</i> , 2021 , 40, 537-546	5.5	13
250	Synthesis, characterization, and UV light-driven photocatalytic properties of CeVO ₄ nanoparticles synthesized by sol-gel method. <i>Journal of the Australian Ceramic Society</i> , 2021 , 57, 597-604	1.5	1
249	Enhanced photocatalytic properties of Bi ₂ MoO ₆ nanoplates deposited with intermetallic AgPd nanoparticles by photoreduction method. <i>Research on Chemical Intermediates</i> , 2021 , 47, 2357	2.8	2
248	One-step microwave-hydrothermal synthesis of visible-light-driven Ag ₃ PO ₄ /LaPO ₄ photocatalyst induced by visible light irradiation. <i>Chemical Physics Letters</i> , 2021 , 779, 138883	2.5	2
247	Intermetallic PdAg nanoparticles supported on Bi ₂ MoO ₆ nanoplates and their enhanced photocatalytic activities. <i>Inorganic Chemistry Communication</i> , 2021 , 133, 108895	3.1	0
246	Synthesis and Characterization of NiFe ₂ O ₄ Magnetic Nanoparticles for Magnetic Resonance Imaging Application. <i>International Journal of Nanoscience</i> , 2021 , 20,	0.6	1
245	Characterization of Visible-Light-Induced BiVO ₄ Photocatalyst Synthesized by Chemical Combustion Method Fueled by Tartaric Acid. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 1829-1836	1.5	0
244	Characterization of BiOCl nanoplates synthesized by PVP-assisted hydrothermal method and their photocatalytic activities. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	6
243	Microwave-assisted hydrothermal synthesis of BiOBr/BiOCl flowerlike composites used for photocatalysis. <i>Research on Chemical Intermediates</i> , 2020 , 46, 2117-2135	2.8	11
242	Sonochemical-Assisted Deposition Synthesis of Visible-Light-Driven Pd/Bi ₂ MoO ₆ Used for Photocatalytic Degradation of Rhodamine B. <i>Journal of Electronic Materials</i> , 2020 , 49, 3684-3691	1.9	8
241	Synthesis, characterization and photocatalysis of BiOCl/BiPO ₄ composites. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 1977-1986	2	4
240	Characterization and photocatalysis of visible-light-driven Dy-doped ZnO nanoparticles synthesized by tartaric acid-assisted combustion method. <i>Inorganic Chemistry Communication</i> , 2020 , 117, 107944	3.1	15
239	Synthesis of Pd nanoparticles modified Bi ₂ MoO ₆ nanoplates by microwave-assisted deposition with their enhanced visible-light-driven photocatalyst. <i>Optik</i> , 2020 , 212, 164674	2.5	14
238	Synthesis of Bi ₅ O ₇ I Nanoplates by PVP-Assisted Hydrothermal Method and Their Photocatalytic Activities. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 1935-1942	1.5	2
237	Tartaric acid-assisted precipitation of visible light-driven Ce-doped ZnO nanoparticles used for photodegradation of methylene blue. <i>Journal of the Australian Ceramic Society</i> , 2020 , 56, 1029-1041	1.5	9
236	Enhanced visible-light-driven photocatalytic activity of heterostructure Ag/Bi ₂ MoO ₆ nanocomposites synthesized by photoreduction method. <i>Inorganic Chemistry Communication</i> , 2020 , 119, 108120	3.1	4
235	Synthesis of Heterostructure Au/ZnO Nanocomposites by Microwave-Assisted Deposition Method and Their Photocatalytic Activity in Methylene Blue Degradation. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 1464-1470	0.7	3
234	Synthesis of ZnO Nanoparticles by Tartaric Acid Solution Combustion and Their Photocatalytic Properties. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 1102-1110	1.5	6

233	Microwave-assisted deposition synthesis, characterization and photocatalytic activities of UV-light-driven Ag/BiOCl nanocomposites. <i>Inorganic and Nano-Metal Chemistry</i> , 2020 , 1-9	1.2	2
232	Hydrothermal synthesis and characterization of Dy-doped CeVO ₄ nanorods used for photodegradation of methylene blue and rhodamine B. <i>Journal of Rare Earths</i> , 2020 , 39, 1211-1211	3.7	1
231	Synthesis of Ag/Bi ₂ MoO ₆ Nanocomposites Using NaBH ₄ as Reducing Agent for Enhanced Visible-Light-Driven Photocatalysis of Rhodamine B. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 322-329	3.2	28
230	Effect of pH on phase, morphologies, and photocatalytic properties of BiOCl synthesized by hydrothermal method. <i>Journal of the Australian Ceramic Society</i> , 2020 , 56, 41-48	1.5	5
229	Preparation of Visible-Light-Driven Al-Doped ZnO Nanoparticles Used for Photodegradation of Methylene Blue. <i>Journal of Electronic Materials</i> , 2020 , 49, 1841-1848	1.9	4
228	Effect of pH on Phase, Morphology and Photocatalytic Properties of BiOBr Synthesized by Hydrothermal Method. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 714-721	3.2	33
227	The Influence of pH on Phase and Morphology of BiOIO ₃ Nanoplates Synthesized by Microwave-Assisted Method and Their Photocatalytic Activities. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 869-878	3.2	3
226	Synthesis and Characterization Ag Nanoparticles Supported on Bi ₂ WO ₆ Nanoplates for Enhanced Visible-Light-Driven Photocatalytic Degradation of Rhodamine B. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 1033-1040	3.2	28
225	Refluxing Synthesis and Characterization of UV-Light-Driven Ag-Doped PbMoO ₄ for Photodegradation of Rhodamine B. <i>Journal of Electronic Materials</i> , 2020 , 49, 4212-4220	1.9	2
224	Synthesis of Hierarchical BiOBr Nanostructure Flowers by PVP-Assisted Hydrothermal Method and Their Photocatalytic Activities. <i>Journal of Electronic Materials</i> , 2019 , 48, 8031-8038	1.9	5
223	Precipitation-Deposition of Visible-Light-Driven AgCl/Bi ₂ WO ₆ Nanocomposites used for the Removal of Rhodamine B. <i>Journal of Electronic Materials</i> , 2019 , 48, 4789-4796	1.9	10
222	Facile sonochemical synthesis and photocatalysis of Ag nanoparticle/ZnWO ₄ -nanorod nanocomposites. <i>Rare Metals</i> , 2019 , 38, 601-608	5.5	12
221	Visible-light-driven photocatalytic degradation of rhodamine B by Ag ₂ CO ₃ /Bi ₂ WO ₆ nanocomposites. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 2169-2175	2	4
220	Synthesis and photocatalysis of Ag ₃ PO ₄ nanoparticles loaded on ZnO nanostructure flowers. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 1147-1152	1.5	2
219	Precipitation-deposition synthesis, characterization, and visible light-driven photocatalytic properties of heterostructure AgI/Bi ₂ WO ₆ nanocomposites. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 57-63	1.5	5
218	Synthesis and Characterization of AgCl/ZnO Nanocomposites for High Efficiency Photodegradation of Methylene Blue. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 319-323	0.7	0
217	Synthesis of ZnO nanostructures by microwave irradiation for energy conversion material in for dye sensitized solar cells and materials for photocatalytic dye degradation applications. <i>Journal of the Ceramic Society of Japan</i> , 2019 , 127, 428-434	1	1
216	Photocatalytic degradation of rhodamine B by Eu-doped BiOI nanobelts induced by visible radiation. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 1021-1025	1.5	2

215	Visible-Light-Driven Photocatalysis of Gd-Doped ZnO Nanoparticles Prepared by Tartaric Acid Precipitation Method. <i>Russian Journal of Inorganic Chemistry</i> , 2019 , 64, 1600-1608	1.5	10
214	Effect of microwave power on phase, morphology, and photocatalytic properties of BiOIO ₃ nanostructure. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 501-506	1.5	1
213	Microwave-assisted synthesis, photocatalysis and antibacterial activity of Ag nanoparticles supported on ZnO flowers. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 126, 170-177	3.9	62
212	Hydrothermal synthesis and characterization of visible light-driven I-doped Bi ₂ MoO ₆ photocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 733-739	2	4
211	Microwave-assisted hydrothermal synthesis of BiOCl/Bi ₂ WO ₆ nanocomposites for the enhancement of photocatalytic efficiency. <i>Research on Chemical Intermediates</i> , 2019 , 45, 2301-2312	2.8	7
210	Characterization of perovskite LaFeO ₃ synthesized by microwave plasma method for photocatalytic applications. <i>Ceramics International</i> , 2019 , 45, 4802-4809	5.1	31
209	Synthesis, characterization and ferromagnetic properties of Zn _{1-x} Mn _x O (x [0.05) nanoparticles. <i>Journal of Molecular Structure</i> , 2018 , 1161, 108-112	3.4	9
208	Synthesis, Characterization and Antibacterial Activity of BiVO ₄ Microstructure. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 1036-1040	0.7	4
207	Hydrothermal synthesis and characterization of visible-light-driven Mo-doped Bi ₂ WO ₆ photocatalyst. <i>Journal of the Ceramic Society of Japan</i> , 2018 , 126, 87-90	1	6
206	Hydrothermal synthesis of I-doped Bi ₂ WO ₆ for using as a visible-light-driven photocatalyst. <i>Materials Letters</i> , 2018 , 224, 67-70	3.3	25
205	Decolorization of rhodamine B photocatalyzed by Ag ₃ PO ₄ /Bi ₂ WO ₆ nanocomposites under visible radiation. <i>Materials Letters</i> , 2018 , 218, 146-149	3.3	21
204	Synthesis, characterization and photocatalysis of heterostructure AgBr/Bi ₂ WO ₆ nanocomposites. <i>Materials Letters</i> , 2018 , 216, 92-96	3.3	36
203	Photoluminescence and photonic absorbance of Ce ₂ (MoO ₄) ₃ nanocrystal synthesized by microwave/hydrothermal/solvothermal method. <i>Rare Metals</i> , 2018 , 37, 868-874	5.5	10
202	Synthesis, Characterization and Optical Properties of BaMoO ₄ Synthesized by Microwave Induced Plasma Method. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 725-731	1.5	7
201	Microwave-assisted solution synthesis and photocatalytic activity of Ag nanoparticles supported on ZnO nanostructure flowers. <i>Research on Chemical Intermediates</i> , 2018 , 44, 7427-7436	2.8	8
200	Microwave-hydrothermal synthesis of BiOBr/Bi ₂ WO ₆ nanocomposites for enhanced photocatalytic performance. <i>Ceramics International</i> , 2018 , 44, S148-S151	5.1	18
199	Simple wet-chemical synthesis of superparamagnetic CTAB-modified magnetite nanoparticles using as adsorbents for anionic dye Congo red removal. <i>Materials Letters</i> , 2018 , 213, 138-142	3.3	25
198	Enhanced photocatalytic performance of visible-light-driven BiOBr/BiPO ₄ composites. <i>Materials Science in Semiconductor Processing</i> , 2018 , 75, 319-326	4.3	27

197	Sonochemical synthesis and characterization of BiOI nanoplates for using as visible-light-driven photocatalyst. <i>Materials Letters</i> , 2018 , 213, 88-91	3.3	33
196	Sonochemical Synthesis of Br-Doped Bismuth Oxyiodide Nanobelts Used for N-Deethylation of Rhodamine B. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 2774-2780	0.7	2
195	Photocatalytic Performance of Sm-Doped ZnO Prepared by Sonochemical Process. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 2081-2085	0.7	3
194	BiOX (X = Cl, Br, and I) Nanoplates Prepared by Surfactant-Free Microwave Synthesis and Their Photocatalytic Performance. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 2289-2295	0.7	8
193	Influence of Calcination Temperature on Particle Size and Photocatalytic Activity of Nanosized NiO Powder. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 1777-1781	0.7	5
192	Synthesis and characterization of Ce-doped MoO ₃ nanobelts for using as visible-light-driven photocatalysts. <i>Superlattices and Microstructures</i> , 2018 , 120, 241-249	2.8	10
191	Effect of surfactants on phase, crystal growth and photocatalysis of calcium stannate synthesized by cyclic microwave and calcination combination. <i>Research on Chemical Intermediates</i> , 2018 , 44, 5981-5993	3.8	5
190	Hydrothermal synthesis and characterization of Dy-doped MoO ₃ nanobelts for using as a visible-light-driven photocatalyst. <i>Materials Letters</i> , 2017 , 195, 37-40	3.3	19
189	Template synthesis of Zn ₂ TiO ₄ and Zn ₂ Ti ₃ O ₈ nanorods by hydrothermal-calcination combined processes. <i>Materials Letters</i> , 2017 , 193, 270-273	3.3	14
188	Effect of NaOH on morphologies and photocatalytic activities of CeO ₂ synthesized by microwave-assisted hydrothermal method. <i>Materials Letters</i> , 2017 , 193, 161-164	3.3	12
187	Synthesis and characterization of visible light-driven W-doped Bi ₂ MoO ₆ photocatalyst and its photocatalytic activities. <i>Materials Letters</i> , 2017 , 194, 114-117	3.3	24
186	Photocatalytic degradation of methylene blue by Zn ₂ SnO ₄ -SnO ₂ system under UV visible radiation. <i>Materials Science in Semiconductor Processing</i> , 2017 , 66, 56-61	4.3	24
185	Superparamagnetic and ferromagnetic behavior of ZnFe ₂ O ₄ nanoparticles synthesized by microwave-assisted hydrothermal method. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 951-956	0.7	5
184	Characterization and cellular studies of molecular nanoparticle of iron (III)-tannic complexes; toward a low cost magnetic resonance imaging agent. <i>Biointerphases</i> , 2017 , 12, 021005	1.8	8
183	Deferoxamine-conjugated AgInS nanoparticles as new nanodrug for synergistic therapy for hepatocellular carcinoma. <i>International Journal of Pharmaceutics</i> , 2017 , 524, 30-40	6.5	6
182	Microwave-assisted hydrothermal synthesis and characterization of CeO ₂ nanowires for using as a photocatalytic material. <i>Materials Letters</i> , 2017 , 196, 61-63	3.3	31
181	Sonochemical synthesis, characterization, and magnetic properties of Mn-doped ZnO nanostructures. <i>Rare Metals</i> , 2017 , 40, 1	5.5	
180	Synthesis and characterization of visible-light-driven Cl-doped Bi ₂ MoO ₆ photocatalyst with enhanced photocatalytic activity. <i>Materials Letters</i> , 2017 , 196, 256-259	3.3	20

179	Characterization of ZnO/TiO ₂ and zinc titanate nanoparticles synthesized by hydrothermal process. <i>Research on Chemical Intermediates</i> , 2017 , 43, 3183-3195	2.8	19
178	Microwave-Assisted Synthesis of ZnSn(OH) ₆ Used for Photodegradation of Methyl Orange. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 8763-8771	1.3	2
177	Carboxymethyl Cellulose-Modified AgInS ₂ Nanoparticles: Synthesis, Physicochemical Properties, Optical Properties and Their Potential Use as Drug Carriers. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 8875-8882	1.3	1
176	The Photocatalytic Application of Semiconductor Stibnite Nanostructure Synthesized via a Simple Microwave-Assisted Approach in Propylene Glycol for Degradation of Dye Pollutants and its Optical Property. <i>Nanoscale Research Letters</i> , 2017 , 12, 589	5	7
175	Synthesis of CoFe ₂ O ₄ Nanoparticles by Refluxing-Calcining Combination for Using as Magnetic Resonance Imaging Agents. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 9267-9273	1.3	3
174	Hydrothermal preparation of visible-light-driven Br-doped Bi ₂ WO ₆ photocatalyst. <i>Materials Letters</i> , 2017 , 209, 501-504	3.3	31
173	Microwave-assisted synthesis and characterization of BiOIO ₃ nanoplates for photocatalysis. <i>Materials Letters</i> , 2017 , 209, 264-267	3.3	6
172	Hydrothermal synthesis of hexagonal WO ₃ nanowires with high aspect ratio and their electrochemical properties for lithium-ion batteries. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 2441-2447	0.7	5
171	Facile deposition of Ag ₃ PO ₄ nanoparticles on Bi ₂ MoO ₆ nanoplates by microwave for highly efficient photocatalysis. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 836-842	1.5	2
170	Influence of Mg dopant on photocatalytic properties of Mg-doped ZnO nanoparticles prepared by sol-gel method. <i>Journal of the Ceramic Society of Japan</i> , 2017 , 125, 122-124	1	18
169	Photodegradation of rhodamine B by Ag ₃ PO ₄ /Bi ₂ MoO ₆ nanocomposites under visible light illumination. <i>Journal of the Ceramic Society of Japan</i> , 2017 , 125, 387-390	1	10
168	Hydrothermal synthesis and characterization of visible-light-driven Cl-doped Bi ₂ WO ₆ nanoplate photocatalyst. <i>Journal of the Ceramic Society of Japan</i> , 2017 , 125, 500-503	1	4
167	Effect of Ce dopant on structure, morphology, photoabsorbance and photocatalysis of ZnWO ₄ nanostructure. <i>Journal of the Ceramic Society of Japan</i> , 2017 , 125, 62-64	1	11
166	Hydrothermal synthesis and characterization of visible-light-driven 0-3 wt % Br-doped Bi ₂ MoO ₆ photocatalysts. <i>Journal of the Ceramic Society of Japan</i> , 2017 , 125, 513-515	1	3
165	Visible-light-driven photocatalysis of heterostructure Ag/Bi ₂ WO ₆ nanocomposites and their photocatalytic degradation of dye under visible light irradiation. <i>Research on Chemical Intermediates</i> , 2016 , 42, 1651-1662	2.8	10
164	Ag ₃ PO ₄ /Bi ₂ MoO ₆ heterostructures with enhanced visible light photocatalytic activity for the degradation of rhodamine B. <i>Russian Journal of Applied Chemistry</i> , 2016 , 89, 830-835	0.8	2
163	Effect of lead salts on phase, morphologies and photoluminescence of nanocrystalline PbMoO ₄ and PbWO ₄ synthesized by microwave radiation. <i>Materials Science-Poland</i> , 2016 , 34, 529-533	0.6	3
162	Photocatalytic activity of ZNO with different morphologies synthesized by a sonochemical method. <i>Russian Journal of Physical Chemistry A</i> , 2016 , 90, 949-954	0.7	8

161	Ultrasonic-assisted synthesis and photocatalytic performance of ZnO nanoplates and microflowers. <i>Materials and Design</i> , 2016 , 107, 250-256	8.1	40
160	Hydrothermal synthesis, characterization, and photocatalytic performance of W-doped MoO ₃ nanobelts. <i>Research on Chemical Intermediates</i> , 2016 , 42, 7487-7499	2.8	5
159	Hydrothermal synthesis of Ag-doped BiOI nanostructure used for photocatalysis. <i>Research on Chemical Intermediates</i> , 2016 , 42, 5559-5572	2.8	20
158	Influence of Dy dopant on photocatalytic properties of Dy-doped ZnWO ₄ nanorods. <i>Materials Letters</i> , 2016 , 166, 183-187	3.3	17
157	Influence of Gd dopant on photocatalytic properties of MoO ₃ nanobelts. <i>Materials Letters</i> , 2016 , 173, 158-161	3.3	21
156	Effect of PEG on phase, morphology and photocatalytic activity of CeVO ₄ nanostructures. <i>Materials Letters</i> , 2016 , 174, 138-141	3.3	20
155	Synthesis of AgI/Bi ₂ MoO ₆ heterojunctions and their photoactivity enhancement driven by visible light. <i>Materials Letters</i> , 2016 , 175, 75-78	3.3	23
154	Glycothermal synthesis of Dy-doped Bi ₂ MoO ₆ nanoplates and their photocatalytic performance. <i>Research on Chemical Intermediates</i> , 2016 , 42, 5087-5097	2.8	17
153	Synthesis of cubic CuFe ₂ O ₄ nanoparticles by microwave-hydrothermal method and their magnetic properties. <i>Materials Letters</i> , 2016 , 167, 65-68	3.3	33
152	Synthesis and characterization of Ce-doped CuO nanostructures and their photocatalytic activities. <i>Materials Letters</i> , 2016 , 167, 266-269	3.3	25
151	Photocatalytic activity of La-doped ZnO nanostructure materials synthesized by sonochemical method. <i>Rare Metals</i> , 2016 , 35, 390-395	5.5	13
150	Synthesis of Ag ₃ VO ₄ nanoparticles loaded on Bi ₂ MoO ₆ nanoplates as heterostructure visible light driven photocatalyst by sonochemical method. <i>Journal of the Ceramic Society of Japan</i> , 2016 , 124, 1157-1160	1.60	5
149	Preparation and enhanced photocatalytic performance of AgCl/Bi ₂ MoO ₆ heterojunction. <i>Materials Letters</i> , 2016 , 179, 162-165	3.3	20
148	Preparation and characterization of Ag ₃ VO ₄ /Bi ₂ MoO ₆ nanocomposites with highly visible-light-induced photocatalytic properties. <i>Materials Letters</i> , 2016 , 180, 93-96	3.3	34
147	Synthesis, characterization and electrochemical properties of Bi ₂ MoO ₃ nanobelts for Li-ion batteries. <i>Russian Journal of Physical Chemistry A</i> , 2016 , 90, 1224-1230	0.7	9
146	Synthesis, analysis and photocatalysis of AgBr/Bi ₂ MoO ₆ nanocomposites. <i>Materials Letters</i> , 2016 , 172, 11-14	3.3	32
145	High visible light photocatalytic activity of Eu-doped MoO ₃ nanobelts synthesized by hydrothermal method. <i>Materials Letters</i> , 2016 , 172, 166-170	3.3	33
144	A single-step method for synthesis of CuInS ₂ nanostructures using cyclic microwave irradiation. <i>Ceramics International</i> , 2016 , 42, 15643-15649	5.1	19

143	Photocatalytic degradation of organic dyes by UV light, catalyzed by nanostructured Cd-doped ZnO synthesized by a sonochemical method. <i>Research on Chemical Intermediates</i> , 2015 , 41, 9757-9772	2.8	26
142	Enhanced properties for visible-light-driven photocatalysis of Ag nanoparticle modified Bi ₂ MoO ₆ nanoplates. <i>Materials Science in Semiconductor Processing</i> , 2015 , 34, 175-181	4.3	47
141	Effect of microwave radiation on the morphology of tetragonal Cu ₃ SnS ₄ synthesized by refluxing method. <i>Superlattices and Microstructures</i> , 2015 , 85, 488-496	2.8	11
140	Visible-light driven photocatalytic degradation of rhodamine B by Ag/Bi ₂ WO ₆ heterostructures. <i>Materials Letters</i> , 2015 , 159, 289-292	3.3	48
139	Synthesis of lanthanum tungstate interconnecting nanoparticles by high voltage electrospinning. <i>Applied Surface Science</i> , 2015 , 351, 1075-1080	6.7	16
138	Enhanced photocatalytic degradation of methylene blue by WO ₃ /ZnWO ₄ composites synthesized by a combination of microwave-solvothermal method and incipient wetness procedure. <i>Powder Technology</i> , 2015 , 284, 85-94	5.2	65
137	Synthesis and characterization of highly efficient Gd doped ZnO photocatalyst irradiated with ultraviolet and visible radiations. <i>Materials Science in Semiconductor Processing</i> , 2015 , 39, 786-792	4.3	71
136	Glycolthermal synthesis of Bi ₂ MoO ₆ nanoplates and their photocatalytic performance. <i>Materials Letters</i> , 2015 , 154, 180-183	3.3	20
135	CMC-coated Fe ₃ O ₄ nanoparticles as new MRI probes for hepatocellular carcinoma. <i>Applied Surface Science</i> , 2015 , 356, 972-977	6.7	60
134	Effect of pH on visible-light-driven Bi ₂ WO ₆ nanostructured catalyst synthesized by hydrothermal method. <i>Superlattices and Microstructures</i> , 2015 , 78, 106-115	2.8	85
133	Sonochemical synthesis and characterization of uniform lanthanide orthophosphate (LnPO ₄ , Ln = La and Ce) nanorods. <i>Rare Metals</i> , 2015 , 34, 301-307	5.5	7
132	Microwave-assisted synthesis, characterization and photoluminescence of shuttle-like BaMoO ₄ microstructure. <i>Materials Science-Poland</i> , 2015 , 33, 537-540	0.6	3
131	Hydrothermal synthesis, structure, and optical properties of pure and silver-doped Bi ₂ MoO ₆ nanoplates. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 2443-2448	0.7	4
130	Hydrothermal Synthesis of Bi ₂ MoO ₆ Visible-Light-Driven Photocatalyst. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-6	3.2	10
129	Thermoelectric properties of Bi ₂ Te ₃ disk fabricated from rice kernel-like Bi ₂ Te ₃ powder. <i>Micro and Nano Letters</i> , 2015 , 10, 19-22	0.9	4
128	Characterization and antibacterial activity of nanostructured ZnO thin films synthesized through a hydrothermal method. <i>Powder Technology</i> , 2014 , 254, 199-205	5.2	46
127	Synthesis, characterization and optical activity of La-doped ZnWO ₄ nanorods by hydrothermal method. <i>Superlattices and Microstructures</i> , 2014 , 67, 197-206	2.8	32
126	Preparation, characterization and photocatalytic properties of Ho doped ZnO nanostructures synthesized by sonochemical method. <i>Superlattices and Microstructures</i> , 2014 , 67, 118-126	2.8	50

125	Synthesis and characterization of GdVO ₄ nanostructures by a tartaric acid-assisted sol-gel method. <i>Ceramics International</i> , 2014 , 40, 16337-16342	5.1	14
124	Smart magnetic nanoparticle-aptamer probe for targeted imaging and treatment of hepatocellular carcinoma. <i>International Journal of Pharmaceutics</i> , 2014 , 473, 469-74	6.5	49
123	Photocatalytic activity of Zn ₂ SnO ₄ /SnO ₂ nanocomposites produced by sonochemistry in combination with high temperature calcination. <i>Superlattices and Microstructures</i> , 2014 , 74, 173-183	2.8	16
122	Synthesis and characterization of GdVO ₄ nanoparticles by a malic acid-assisted sol-gel method. <i>Materials Letters</i> , 2014 , 136, 18-21	3.3	11
121	Controlling morphologies and growth mechanism of hexagonal prisms with planar and pyramid tips of ZnO microflowers by microwave radiation. <i>Ceramics International</i> , 2014 , 40, 9069-9076	5.1	25
120	Effect of medium solvent ratios on morphologies and optical properties of ZnMoO ₄ , ZnMoO ₄ and ZnMoO ₄ ·0.8H ₂ O crystals synthesized by microwave-hydrothermal/solvothermal method. <i>Superlattices and Microstructures</i> , 2014 , 69, 253-264	2.8	31
119	Solvothermal synthesis and photocatalytic properties of CdS nanowires under UV and visible irradiation. <i>Materials Science in Semiconductor Processing</i> , 2014 , 26, 329-335	4.3	18
118	Synthesis and Characterization of Europium-Doped Zinc Oxide Photocatalyst. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-9	3.2	18
117	Decolorization of Methylene Blue by Ag/SrSnO ₃ Composites under Ultraviolet Radiation. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-10	3.2	4
116	Photocatalysis of WO ₃ Nanoplates Synthesized by Conventional-Hydrothermal and Microwave-Hydrothermal Methods and of Commercial WO ₃ Nanorods. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-8	3.2	25
115	Hydrothermal Synthesis, Characterization, and Visible Light-Driven Photocatalytic Properties of Bi ₂ WO ₆ Nanoplates. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-7	3.2	11
114	Hydrothermal Synthesis, Characterization, and Optical Properties of Ce Doped Bi ₂ MoO ₆ Nanoplates. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-7	3.2	6
113	Hydrothermal Synthesis and Characterization of Ho Doped Bi ₂ MoO ₆ Nanoplates and their Optical Properties. <i>Advanced Materials Research</i> , 2014 , 931-932, 231-234	0.5	1
112	Enhanced doxorubicin delivery and cytotoxicity in multidrug resistant cancer cells using multifunctional magnetic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 113, 249-53	6	19
111	Photoabsorption and photocatalysis of SrSnO ₃ produced by a cyclic microwave radiation. <i>Superlattices and Microstructures</i> , 2013 , 57, 1-10	2.8	40
110	Synthesis and characterization of hierarchical multilayered flower-like assemblies of Ag doped Bi ₂ WO ₆ and their photocatalytic activities. <i>Superlattices and Microstructures</i> , 2013 , 64, 196-203	2.8	86
109	Cyclic microwave-assisted synthesis of CuFeS ₂ nanoparticles using biomolecules as sources of sulfur and complexing agent. <i>Materials Letters</i> , 2013 , 101, 9-12	3.3	14
108	Characterization of Cu ₃ SnS ₄ Nanoparticles and Nanostructured Flowers Synthesized by a Microwave-Refluxing Method. <i>Japanese Journal of Applied Physics</i> , 2013 , 52, 111201	1.4	14

107	Single-step synthesis of ZnO/TiO ₂ nanocomposites by microwave radiation and their photocatalytic activities. <i>Materials Letters</i> , 2013 , 96, 78-81	3.3	18
106	Characterization of ZnO flowers of hexagonal prisms with planar and hexagonal pyramid tips grown on Zn substrates by a hydrothermal process. <i>Superlattices and Microstructures</i> , 2013 , 53, 195-203	2.8	15
105	Preparation of LaPO ₄ nanowires with high aspect ratio by a facile hydrothermal method and their photoluminescence. <i>Research on Chemical Intermediates</i> , 2013 , 39, 1363-1371	2.8	10
104	Transformation of cubic Ag ₂ BiS ₂ from nanoparticles to nanostructured flowers by a microwave-refluxing method. <i>Ceramics International</i> , 2013 , 39, S383-S387	5.1	13
103	Sonochemical synthesis of Dy-doped ZnO nanostructures and their photocatalytic properties. <i>Journal of Alloys and Compounds</i> , 2013 , 576, 72-79	5.7	95
102	Sonochemical synthesis, photocatalysis and photonic properties of 3% Ce-doped ZnO nanoneedles. <i>Ceramics International</i> , 2013 , 39, S563-S568	5.1	62
101	Antimicrobial activities of CuO films deposited on Cu foils by solution chemistry. <i>Applied Surface Science</i> , 2013 , 277, 211-217	6.7	37
100	Hydrothermal synthesis of Bi ₂ WO ₆ hierarchical flowers with their photonic and photocatalytic properties. <i>Superlattices and Microstructures</i> , 2013 , 54, 71-77	2.8	65
99	Ultrasonic-assisted synthesis of Nd-doped ZnO for photocatalysis. <i>Materials Letters</i> , 2013 , 90, 83-86	3.3	97
98	Novel combined sonochemical/solvothermal syntheses, characterization and optical properties of CdS nanorods. <i>Powder Technology</i> , 2013 , 233, 155-160	5.2	20
97	Characterization of Donut-Like SrMoO ₄ Produced by Microwave-Hydrothermal Process. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-6	3.2	4
96	Synthesis of Coral-Like, Straw-Tied-Like, and Flower-Like Antimony Sulfides by a Facile Wet-Chemical Method. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-5	3.2	3
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93	Synthesis of cadmium selenide nanorods by polyethylene glycol-assisted solvothermal process. <i>Journal of Experimental Nanoscience</i> , 2013 , 8, 818-824	1.9	3
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91	Synthesis and Characterization of CeVO ₄ by Microwave Radiation Method and Its Photocatalytic Activity. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-7	3.2	12
90	Characterization of ZnMoO ₄ nanofibers synthesized by electrospinning/calcination combinations. <i>Materials Letters</i> , 2012 , 68, 265-268	3.3	30

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87	Characterization of cubic and star-shaped dendritic PbS structures synthesized by a solvothermal method. <i>Materials Letters</i> , 2012 , 81, 55-58	3.3	14
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81	Characterization of SrCO ₃ and BaCO ₃ nanoparticles synthesized by cyclic microwave radiation. <i>Materials Letters</i> , 2012 , 87, 153-156	3.3	22
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79	Hydrothermal synthesis and electrochemical properties of Bi ₂ MoO ₃ nanobelts used as cathode materials for Li-ion batteries. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 107, 249-254	2.6	35
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74	Microwave-assisted synthesis and characterisation of uniform LaPO ₄ nanorods. <i>Journal of Experimental Nanoscience</i> , 2012 , 7, 616-623	1.9	10
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72	Fabrication of ZnWO ₄ nanofibers by a high direct voltage electrospinning process. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 6689-6695	5.7	31

71	Glycolthermal synthesis and characterization of hexagonal CdS round microparticles in flower-like clusters. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 10150-10154	5.7	4
70	Hydrothermal synthesis, characterization, and optical properties of wolframite ZnWO ₄ nanorods. <i>CrystEngComm</i> , 2011 , 13, 1564-1569	3.3	83
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57	Characterization of nanostructured ZnO produced by microwave irradiation. <i>Ceramics International</i> , 2010 , 36, 257-262	5.1	42
56	Polymer-assisted hydrothermal synthesis of Bi ₂ S ₃ nanostructured flowers. <i>Journal of Physics and Chemistry of Solids</i> , 2010 , 71, 712-715	3.9	8
55	Microwave-assisted synthesis and characterization of SrMoO ₄ and SrWO ₄ nanocrystals. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 2287-2294	2.3	62
54	Large-scale synthesis of CuS hexaplates in mixed solvents using a solvothermal method. <i>Materials Letters</i> , 2010 , 64, 111-114	3.3	15

53	Characterization of Bi ₂ S ₃ with different morphologies synthesized using microwave radiation. <i>Materials Letters</i> , 2010 , 64, 122-124	3-3	26
52	Characterization of SrCO ₃ and BaCO ₃ nanoparticles synthesized by sonochemical method. <i>Materials Letters</i> , 2010 , 64, 510-512	3-3	38
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42	Transient solid-state production of nanostructured CuS flowers. <i>Materials Letters</i> , 2009 , 63, 2409-2412	3-3	13
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37	Sonochemical preparation of PbWO ₄ crystals with different morphologies. <i>Ceramics International</i> , 2009 , 35, 1103-1108	5-1	8
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33	Solvothermal synthesis of CdS nanorods using hydroxyethyl cellulose as a template. <i>Current Applied Physics</i> , 2009 , 9, 1272-1277	2.6	12
32	Preparation, characterization and photoluminescence of nanocrystalline calcium molybdate. <i>Journal of Alloys and Compounds</i> , 2009 , 481, 568-572	5.7	82
31	Characterisation of one-dimensional CdS nanorods synthesised by solvothermal method. <i>Journal of Experimental Nanoscience</i> , 2009 , 4, 47-54	1.9	22
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24	Characterization of sp ³ carbon produced by plasma deposition on gamma-TiAl alloys. <i>Applied Surface Science</i> , 2008 , 254, 7759-7764	6.7	4
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13	Formation of titanium nitride on TiAl alloys by direct metal-gas reaction. <i>Journal of Materials Science</i> , 2006 , 41, 4654-4662	4-3	13
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10	Effect of Ce dopant on photocatalytic properties of CaMoO ₄ nanoparticles prepared by microwave-assisted method. <i>Materials Research Innovations</i> , 1-7	1-9	1
9	Photodegradation of organic dyes and antibacterial activity of Escherichia coli and Staphylococcus aureus by ZnO nanoparticles under UVA radiation. <i>Materials Technology</i> , 1-9	2-1	
8	Preparation of Yb-doped ZnO nanoparticles by combustion method combined with high temperature calcination for photodegradation of methylene blue under visible light irradiation. <i>Materials Research Innovations</i> , 1-13	1-9	0
7	Microwave-assisted synthesis of heterostructure Pd/ZnO flowers used for photocatalytic reaction of dyes illuminated by UV radiation. <i>Journal of the Australian Ceramic Society</i> , 1	1-5	0
6	Facile synthesis of Pd-doped Bi ₂ WO ₆ nanoplates used for enhanced visible-light-driven photocatalysis. <i>Inorganic and Nano-Metal Chemistry</i> , 1-9	1-2	0
5	Synthesis, Analysis and Visible-Light-Driven Photocatalysis of 0.5% Pr-Doped ZnO Nanoparticles. <i>Russian Journal of Inorganic Chemistry</i> , 1	1-5	0
4	Hierarchical ZnO nanostructure flowers loaded with AgI nanoparticles for photodegradation of methylene blue under UV visible radiation. <i>Inorganic and Nano-Metal Chemistry</i> , 1-8	1-2	
3	Chemical combustion-high temperature calcination combined synthetic processes of BiVO ₄ microparticles with their enhanced photocatalytic performance. <i>Inorganic and Nano-Metal Chemistry</i> , 1-8	1-2	
2	Reduction deposition of Pd nanoparticles on ZnO flowers used for photodegradation of methylene blue and methyl orange under UV light. <i>Inorganic and Nano-Metal Chemistry</i> , 1-11	1-2	
1	Tartaric acid-assisted combustion of visible-light-driven Eu-doped ZnO nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 1-12	1-2	