Wenzhong Wang

List of Publications by Year in Descending Order

202 papers	16,323 citations	73 h-index	122 g-index
204 ext. papers	17,778 ext. citations	8.3 avg, IF	6.97 L-index

#	Paper	IF	Citations
202	Efficient pollutant degradation under ultraviolet to near-infrared light irradiation and dark condition using CuSe nanosheets: Mechanistic insight into degradation.. *Journal of Colloid and Interface Science*, **2022**, 613, 103-116	9.3	1
201	Multi-Functional Black Bioactive Glasses Prepared via Containerless Melting Process for Tumor Therapy and Tissue Regeneration. *Advanced Functional Materials*, **2021**, 31, 2101505	15.6	2
200	Direct piezocatalytic conversion of methane into alcohols over hydroxyapatite. *Nano Energy*, **2021**, 79, 105449	17.1	8
199	Catalytic Acetalization and Hydrogenation of Furfural over the Light-Tunable Phosphated TiO2 Catalyst. *ChemistrySelect*, **2021**, 6, 8074-8079	1.8	1
198	An efficient strategy for selective oxidation of ammonia nitrogen into N2 over BiOCl photocatalyst. *Applied Catalysis B: Environmental*, **2021**, 294, 120265	21.8	7
197	Efficient photocatalytic chlorine production on bismuth oxychloride in chloride solution. *Applied Catalysis B: Environmental*, **2021**, 297, 120436	21.8	4
196	Selective Transfer Hydrogenation of Cinnamaldehyde with Alcohol on Amorphous TiO2 Catalysts: Competitive Adsorption between H2O and Carbonyl. *ChemistrySelect*, **2020**, 5, 5162-5165	1.8	2
195	Photocatalytic CO2 reduction over platinum modified hexagonal tungsten oxide: Effects of platinum on forward and back reactions. *Applied Catalysis B: Environmental*, **2020**, 263, 118331	21.8	16
194	Tungsten oxide-based visible light-driven photocatalysts: crystal and electronic structures and strategies for photocatalytic efficiency enhancement. *Inorganic Chemistry Frontiers*, **2020**, 7, 817-838	6.8	44
193	Modified carbon nitride as an efficient adsorbent for ammonia nitrogen with low concentration. *Canadian Journal of Chemical Engineering*, **2020**, 98, 659-664	2.3	3
192	Direct functionalization of methane into ethanol over copper modified polymeric carbon nitride via photocatalysis. *Nature Communications*, **2019**, 10, 506	17.4	103
191	Photocatalytic Hydrogen Evolution Coupled with Efficient Selective Benzaldehyde Production from Benzyl Alcohol Aqueous Solution over ZnS-NixSy Composites. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 10501-10508	8.3	36
190	Three-dimensional plasmonic photoanode of Co3O4 nanosheets coated onto TiO2 nanorod arrays for visible-light-driven water splitting. *International Journal of Hydrogen Energy*, **2019**, 44, 14561-14570	6.7	19
189	Influence of defects on the photocatalytic behavior of La3+ ions doped SrBi2Nb2O9 ferroelectric materials. *Journal of Applied Physics*, **2019**, 125, 154101	2.5	1
188	High Selective Oxidation of Benzyl Alcohol to Benzylaldehyde and Benzoic Acid with Surface Oxygen Vacancies on W18O49/Holey Ultrathin g-C3N4 Nanosheets. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 7268-7276	8.3	43
187	Photostable 3D heterojunction photoanode made of ZnO nanosheets coated onto TiO2 nanowire arrays for photoelectrochemical solar hydrogen generation. *Catalysis Science and Technology*, **2019**, 9, 1989-1997	5.5	16
186	Efficient piezo-catalytic hydrogen peroxide production from water and oxygen over graphitic carbon nitride. *Journal of Materials Chemistry A*, **2019**, 7, 20383-20389	13	38

185	2020 Roadmap on gas-involved photo- and electro- catalysis. *Chinese Chemical Letters*, **2019**, 30, 2089-2109	8.2	59
184	Enhanced Photocatalytic Nitrogen Fixation on MoO2/BiOCl Composite. *ChemCatChem*, **2019**, 11, 6467-6472	5.2	18
183	Selective hydrogenation via cascade catalysis on amorphous TiO2. *Green Chemistry*, **2019**, 21, 6585-6589	10	10
182	Nanorattle Au@PtAg encapsulated in ZIF-8 for enhancing CO2 photoreduction to CO. *Nano Research*, **2019**, 12, 625-630	10	34
181	Enhanced photocatalytic CO2 reduction to methane over WO3□0.33H2O via Mo doping. *Applied Catalysis B: Environmental*, **2019**, 243, 771-779	21.8	68
180	Plasmon-enhanced visible light photoelectrochemical and photocatalytic activity of gold nanoparticle-decorated hierarchical TiO2/Bi2WO6 nanorod arrays. *Applied Surface Science*, **2019**, 469, 829-840	6.7	27
179	Noble metal (Pt, Au@Pd) nanoparticles supported on metal organic framework (MOF-74) nanoshuttles as high-selectivity CO2 conversion catalysts. *Journal of Catalysis*, **2019**, 370, 70-78	7.3	113
178	Photocatalytic reduction of CO2 to methane over PtOx-loaded ultrathin Bi2WO6 nanosheets. *Applied Surface Science*, **2019**, 470, 832-839	6.7	35
177	Photoreduction of carbon dioxide of atmospheric concentration to methane with water over CoAl-layered double hydroxide nanosheets. *Journal of Materials Chemistry A*, **2018**, 6, 8366-8373	13	59
176	Modification of heterogeneous photocatalysts for selective organic synthesis. *Catalysis Science and Technology*, **2018**, 8, 1229-1250	5.5	36
175	Oxygen Reduction Reaction for Generating H O through a Piezo-Catalytic Process over Bismuth Oxychloride. *ChemSusChem*, **2018**, 11, 527-531	8.3	42
174	Efficient photocatalytic fixation of N2 by KOH-treated g-C3N4. *Journal of Materials Chemistry A*, **2018**, 6, 3005-3011	13	109
173	Catalytic reduction of low-concentration CO2 with water by Pt/Co@NC. *Journal of Materials Science and Technology*, **2018**, 34, 2337-2341	9.1	5
172	Alkaline modified g-C3N4 photocatalyst for high selective oxide coupling of benzyl alcohol to benzoin. *Applied Catalysis B: Environmental*, **2018**, 220, 553-560	21.8	55
171	Facile Modification of Titania with Nickel Sulfide and Sulfate Species for the Photoreformation of Cellulose into Hydrogen. *ChemSusChem*, **2018**, 11, 2810-2817	8.3	22
170	A new approach to enhance photocatalytic nitrogen fixation performance via phosphate-bridge: a case study of SiW12/K-C3N4. *Applied Catalysis B: Environmental*, **2018**, 239, 260-267	21.8	65
169	Internal Electric Field Assisted Photocatalytic Generation of Hydrogen Peroxide over BiOCl with HCOOH. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 8704-8710	8.3	36
168	Boosted CO2 photoreduction to methane via Co doping in bismuth vanadate atomic layers. *Catalysis Science and Technology*, **2018**, 8, 3115-3122	5.5	22

167	Enhanced H2 evolution based on ultrasound-assisted piezo-catalysis of modified MoS2. *Journal of Materials Chemistry A*, **2018**, 6, 11909-11915	13	43
166	Enhanced H2 evolution from photocatalytic cellulose conversion based on graphitic carbon layers on TiO2/NiOx. *Green Chemistry*, **2018**, 20, 3008-3013	10	31
165	A New Strategy to Design Highly Sustainable Sulfide PhotoCatalyst for Hydrogen Production. *Chinese Journal of Chemistry*, **2017**, 35, 148-152	4.9	5
164	Surface hydrogen bonds assisted meso-porous WO3 photocatalysts for high selective oxidation of benzylalcohol to benzylaldehyde. *Applied Catalysis B: Environmental*, **2017**, 217, 108-114	21.8	45
163	Enhancement of photocatalytic efficiency by in situ fabrication of BiOBr/BiVO surface junctions. *Journal of Environmental Sciences*, **2017**, 60, 78-83	6.4	4
162	Enhanced Nitrogen Photofixation over LaFeO3 via Acid Treatment. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 9965-9971	8.3	22
161	Hydrogen evolution based on the electrons/protons stored on amorphous TiO. *Physical Chemistry Chemical Physics*, **2017**, 19, 29053-29056	3.6	9
160	Efficient photocatalytic reduction of dinitrogen to ammonia on bismuth monoxide quantum dots. *Journal of Materials Chemistry A*, **2017**, 5, 201-209	13	127
159	Photocatalytic robust solar energy reduction of dinitrogen to ammonia on ultrathin MoS2. *Applied Catalysis B: Environmental*, **2017**, 200, 323-329	21.8	179
158	Fundamental Studies on Photocatalytic Structures With Well-Defined Crystal Facets. *Studies in Surface Science and Catalysis*, **2017**, 409-438	1.8	2
157	Amorphous MnO x modified Co 3 O 4 for formaldehyde oxidation: improved low-temperature catalytic and photothermocatalytic activity. *Chemical Engineering Journal*, **2016**, 284, 21-27	14.7	81
156	Antifouling properties of micro arc oxidation coatings containing Cu2O/ZnO nanoparticles on Ti6Al4V. *International Journal of Refractory Metals and Hard Materials*, **2016**, 54, 417-421	4.1	45
155	Efficient Solar-Driven Nitrogen Fixation over Carbon-Tungstic-Acid Hybrids. *Chemistry - A European Journal*, **2016**, 22, 13819-13822	4.8	71
154	Hierarchical CuO Colloidosomes and Their Structure Enhanced Photothermal Catalytic Activity. *Journal of Physical Chemistry C*, **2016**, 120, 12666-12672	3.8	47
153	Internal polar field enhanced H2 evolution of BiOIO3 nanoplates. *International Journal of Hydrogen Energy*, **2016**, 41, 10170-10177	6.7	46
152	Insights into the solar light driven thermocatalytic oxidation of VOCs over tunnel structured manganese oxides. *Physical Chemistry Chemical Physics*, **2016**, 18, 18180-6	3.6	13
151	Diamine-appended metal-organic frameworks: enhanced formaldehyde-vapor adsorption capacity, superior recyclability and water resistibility. *Dalton Transactions*, **2016**, 45, 11306-11	4.3	38
150	Ultrathin mesoporous Co3O4 nanosheets with excellent photo-/thermo-catalytic activity. *Journal of Materials Chemistry A*, **2016**, 4, 105-112	13	83

149	Enhanced photon-to-electron conversion and improved water resistance of hydrogenated ceria in photocatalytic oxidation at gas–solid interface. *Applied Catalysis B: Environmental*, **2016**, 191, 86-93	21.8	24
148	Surface oxygen vacancies on Co3O4 mediated catalytic formaldehyde oxidation at room temperature. *Catalysis Science and Technology*, **2016**, 6, 3845-3853	5.5	180
147	Bismuth Oxyhalide Nano- and Microstructures: Morphology Modulation and Functionalization. *Nanostructure Science and Technology*, **2016**, 325-340	0.9	
146	Preparation of WO3-reduced graphene oxide nanocomposites with enhanced photocatalytic property. *Ceramics International*, **2015**, 41, 5903-5908	5.1	57
145	Water-exfoliated MoS2 catalyst with enhanced photoelectrochemical activities. *Catalysis Communications*, **2015**, 70, 53-57	3.2	13
144	Insights into the Surface-Defect Dependence of Photoreactivity over CeO2 Nanocrystals with Well-Defined Crystal Facets. *ACS Catalysis*, **2015**, 5, 4851-4858	13.1	128
143	Near-infrared light photocatalysis with metallic/semiconducting HxWO3/WO3 nanoheterostructure in situ formed in mesoporous template. *Applied Catalysis B: Environmental*, **2015**, 168-169, 9-13	21.8	13
142	A strategy for improving deactivation of catalytic combustion at low temperature via synergistic photocatalysis. *Applied Catalysis B: Environmental*, **2015**, 165, 399-407	21.8	37
141	Selective transport of electron and hole among {0 0 1} and {1 1 0} facets of BiOCl for pure water splitting. *Applied Catalysis B: Environmental*, **2015**, 162, 470-474	21.8	131
140	Photoreduction of CO2 on BiOCl nanoplates with the assistance of photoinduced oxygen vacancies. *Nano Research*, **2015**, 8, 821-831	10	266
139	Solar-Light-Driven Pure Water Splitting with Ultrathin BiOCl Nanosheets. *Chemistry - A European Journal*, **2015**, 21, 18089-94	4.8	84
138	Controlled fabrication and enhanced photocatalystic performance of BiVO4@CeO2 hollow microspheres for the visible-light-driven degradation of rhodamine B. *Applied Surface Science*, **2015**, 349, 529-537	6.7	56
137	Equilibrating the Plasmonic and Catalytic Roles of Metallic Nanostructures in Photocatalytic Oxidation over Au-Modified CeO2. *ACS Catalysis*, **2015**, 5, 613-621	13.1	85
136	Surfactant-free hydrothermal fabrication of monoclinic BiVO4 photocatalyst with oxygen vacancies by copper doping. *RSC Advances*, **2015**, 5, 14374-14381	3.7	46
135	NaYF4:Er,Yb/Bi2MoO6 core/shell nanocomposite: A highly efficient visible-light-driven photocatalyst utilizing upconversion. *Materials Research Bulletin*, **2014**, 52, 50-55	5.1	9
134	Highly selective defect-mediated photochemical CO2 conversion over fluorite ceria under ambient conditions. *Chemical Communications*, **2014**, 50, 2005-7	5.8	52
133	p-n junction CuO/BiVO4 heterogeneous nanostructures: synthesis and highly efficient visible-light photocatalytic performance. *Dalton Transactions*, **2014**, 43, 6735-43	4.3	136
132	Advanced chemical compositions and nanoarchitectures of bismuth based complex oxides for solar photocatalytic application. *RSC Advances*, **2014**, 4, 47136-47152	3.7	103

131	CuPc sensitized Bi2MoO6 with remarkable photo-response and enhanced photocatalytic activity. *Catalysis Communications*, **2014**, 55, 15-18	3.2	25
130	Polypyrrole/Bi2WO6 composite with high charge separation efficiency and enhanced photocatalytic activity. *Journal of Materials Science*, **2014**, 49, 7325-7332	4.3	38
129	Solution combustion synthesis of CaFe 2 O 4 nanocrystal as a magnetically separable photocatalyst. *Materials Letters*, **2014**, 133, 212-215	3.3	45
128	Solar Light Driven Pure Water Splitting on Quantum Sized BiVO4 without any Cocatalyst. *ACS Catalysis*, **2014**, 4, 3498-3503	13.1	203
127	Bi2WO6 quantum dot-intercalated ultrathin montmorillonite nanostructure and its enhanced photocatalytic performance. *Nano Research*, **2014**, 7, 1497-1506	10	40
126	Photocatalytic oxidation of ammonia by Bi2WO6 nanoplates using fluorescent light. *Science Bulletin*, **2014**, 59, 2181-2185		4
125	Synthesis of dumbbell-like Bi2WO6@CaWO4 composite photocatalyst and application in water treatment. *Applied Surface Science*, **2014**, 292, 948-953	6.7	29
124	Elimination of BPA endocrine disruptor by magnetic BiOBr@SiO2@Fe3O4 photocatalyst. *Applied Catalysis B: Environmental*, **2014**, 148-149, 164-169	21.8	94
123	Hydrothermal synthesis of a novel BiErWO6 photocatalyst with wide spectral responsive property. *Applied Surface Science*, **2014**, 319, 250-255	6.7	11
122	Bi2WO6/PANI: An efficient visible-light-induced photocatalytic composite. *Catalysis Today*, **2014**, 224, 147-153	5.3	23
121	Facile preparation and improved photocatalytic H2-production of Pt-decorated CdS/TiO2 nanorods. *Materials Research Bulletin*, **2014**, 51, 40-43	5.1	14
120	Infrared light induced photoelectrocatalytic application via graphene oxide coated thermoelectric device. *Applied Catalysis B: Environmental*, **2014**, 158-159, 136-139	21.8	10
119	Electrospun nanofibers of Er3+-doped TiO2 with photocatalytic activity beyond the absorption edge. *Journal of Solid State Chemistry*, **2014**, 210, 206-212	3.3	34
118	Infrared-light-induced photocatalysis on BiErWO6. *Dalton Transactions*, **2013**, 42, 12072-4	4.3	46
117	Ultrathin {001}-oriented bismuth tungsten oxide nanosheets as highly efficient photocatalysts. *ChemSusChem*, **2013**, 6, 1873-7	8.3	48
116	Magnetic ZnFe2O4 octahedra: Synthesis and visible light induced photocatalytic activities. *Materials Letters*, **2013**, 98, 124-127	3.3	49
115	Bismuth-Induced Integration of Solar Energy Conversion with Synergistic Low-Temperature Catalysis in Ce1−xBixO2−δ Nanorods. *Journal of Physical Chemistry C*, **2013**, 117, 24242-24249	3.8	43
114	Role of graphene on the surface chemical reactions of BiPO4-rGO with low OH-related defects. *Nanoscale*, **2013**, 5, 11248-56	7.7	51

113	Solar light photocatalysis using Bi2O3/Bi2SiO5 nanoheterostructures formed in mesoporous SiO2 microspheres. *CrystEngComm*, **2013**, 15, 10043	3.3	21
112	The photocatalysis of Bi2MoO6 under the irradiation of blue LED. *Materials Research Bulletin*, **2013**, 48, 4357-4361	5.1	19
111	A general synthesis strategy for one-dimensional Bi2MO6 (M = Mo, W) photocatalysts using an electrospinning method. *CrystEngComm*, **2013**, 15, 7959	3.3	28
110	Water splitting from dye wastewater: A case study of BiOCl/copper(II) phthalocyanine composite photocatalyst. *Applied Catalysis B: Environmental*, **2013**, 132-133, 315-320	21.8	81
109	Large improvement of photo-response of CuPc sensitized Bi(2)WO(6) with enhanced photocatalytic activity. *Dalton Transactions*, **2013**, 42, 4579-85	4.3	31
108	Preparation of p□ junction Cu2O/BiVO4 heterogeneous nanostructures with enhanced visible-light photocatalytic activity. *Applied Catalysis B: Environmental*, **2013**, 134-135, 293-301	21.8	245
107	The design and realization of a large-area flexible nanofiber-based mat for pollutant degradation: an application in photocatalysis. *Nanoscale*, **2013**, 5, 5036-42	7.7	39
106	Bi2WO6 Quantum Dots Decorated Reduced Graphene Oxide: Improved Charge Separation and Enhanced Photoconversion Efficiency. *Journal of Physical Chemistry C*, **2013**, 117, 9113-9120	3.8	118
105	Transmission electron microscopy and Raman characterization of copper (I) oxide microspheres composed of nanoparticles. *Applied Surface Science*, **2013**, 264, 399-403	6.7	11
104	A facile room temperature solution-phase route to synthesize CuO nanowires with enhanced photocatalytic performance. *Materials Letters*, **2012**, 74, 217-219	3.3	34
103	Design and controllable synthesis of □/□Bi2O3 homojunction with synergetic effect on photocatalytic activity. *Chemical Engineering Journal*, **2012**, 211-212, 161-167	14.7	79
102	Facile preparation of three-dimensionally ordered macroporous Bi2WO6 with high photocatalytic activity. *Journal of Materials Chemistry*, **2012**, 22, 19244		55
101	Bi2WO6/SiO2 photonic crystal film with high photocatalytic activity under visible light irradiation. *Applied Catalysis B: Environmental*, **2012**, 125, 144-148	21.8	24
100	Photocatalytic activity of Er3+, Yb3+ doped Bi5O7I. *Catalysis Communications*, **2012**, 26, 88-92	3.2	27
99	A simple template-free synthesis of ultrathin Cu2ZnSnS4 nanosheets for highly stable photocatalytic H2 evolution. *Journal of Materials Chemistry*, **2012**, 22, 6553		49
98	In situ synthesis of CdS modified CdWO4 nanorods and their application in photocatalytic H2 evolution. *CrystEngComm*, **2012**, 14, 3315	3.3	42
97	Efficient Contaminant Removal by Bi2WO6 Films with Nanoleaflike Structures through a Photoelectrocatalytic Process. *Journal of Physical Chemistry C*, **2012**, 116, 19413-19418	3.8	41
96	Photocatalysis Coupled with Thermal Effect Induced by SPR on Ag-Loaded Bi2WO6 with Enhanced Photocatalytic Activity. *Journal of Physical Chemistry C*, **2012**, 116, 25898-25903	3.8	107

95	Enhancement of visible-light photocatalysis by coupling with narrow-band-gap semiconductor: a case study on Bi2S3/Bi2WO6. *ACS Applied Materials & Interfaces*, **2012**, 4, 593-7	9.5	362
94	Photocatalytic hydrogen production from aqueous solutions over novel Bi0.5Na0.5TiO3 microspheres. *International Journal of Hydrogen Energy*, **2012**, 37, 3041-3047	6.7	53
93	Enhancing visible-light-induced photocatalytic activity by coupling with wide-band-gap semiconductor: A case study on Bi2WO6/TiO2. *Applied Catalysis B: Environmental*, **2012**, 111-112, 126-132	21.8	127
92	Highly efficient photocatalyst Bi2MoO6 induced by blue light-emitting diode. *Applied Catalysis B: Environmental*, **2012**, 123-124, 89-93	21.8	36
91	Recent Progress on the Bismuth Containing Complex Oxide Photocatalysts. *Wuji Cailiao Xuebao/Journal of Inorganic Materials*, **2012**, 27, 11-18	1	21
90	Synthesis and enhanced photocatalytic performance of graphene-Bi2WO6 composite. *Physical Chemistry Chemical Physics*, **2011**, 13, 2887-93	3.6	412
89	Crystallography Facet-Dependent Antibacterial Activity: The Case of Cu2O. *Industrial & Engineering Chemistry Research*, **2011**, 50, 10366-10369	3.9	96
88	Surfactant-assisted synthesis of double-wall Cu2O hollow spheres. *CrystEngComm*, **2011**, 13, 1838-1842	3.3	40
87	Bi2WO6/Cu0: A novel coupled system with enhanced photocatalytic activity by Fenton-like synergistic effect. *Catalysis Communications*, **2011**, 12, 834-838	3.2	38
86	Enhanced photocatalytic activity of Bi2WO6 doped with upconversion luminescence agent. *Catalysis Communications*, **2011**, 13, 31-34	3.2	43
85	Heterostructured bismuth molybdate composite: preparation and improved photocatalytic activity under visible-light irradiation. *ACS Applied Materials & Interfaces*, **2011**, 3, 2529-33	9.5	113
84	Electrospun nanofibers of Bi-doped TiO2 with high photocatalytic activity under visible light irradiation. *Journal of Hazardous Materials*, **2011**, 196, 426-30	12.8	76
83	Enhanced photocatalytic activity of Bi2WO6 with oxygen vacancies by zirconium doping. *Journal of Hazardous Materials*, **2011**, 196, 255-62	12.8	135
82	Highly efficient photocatalytic oxidation of phenol over ordered mesoporous Bi2WO6. *Applied Catalysis B: Environmental*, **2011**, 106, 559-564	21.8	44
81	Nanoscale Kirkendall effect for the synthesis of Bi2MoO6 boxes via a facile solution-phase method. *Nanoscale*, **2011**, 3, 1474-6	7.7	83
80	Visible light responsive bismuth niobate photocatalyst: enhanced contaminant degradation and hydrogen generation. *Journal of Materials Chemistry*, **2010**, 20, 8405		55
79	Highly crystalline spindle-shaped mesoporous anatase titania particles: solution-phase synthesis, characterization, and photocatalytic properties. *Langmuir*, **2010**, 26, 7671-4	4	29
78	A novel BiVO4 hierarchical nanostructure: controllable synthesis, growth mechanism, and application in photocatalysis. *CrystEngComm*, **2010**, 12, 1754	3.3	99

77	Synthesis of CuO nano- and micro-structures and their Raman spectroscopic studies. *CrystEngComm*, **2010**, 12, 2232	3.3	121
76	Photocatalytic degradation of rhodamine B and phenol by solution combustion synthesized BiVO4 photocatalyst. *Catalysis Communications*, **2010**, 11, 982-986	3.2	112
75	Photocatalytic degradation of phenol over cage-like Bi2MoO6 hollow spheres under visible-light irradiation. *Catalysis Communications*, **2010**, 11, 647-650	3.2	158
74	Template-free room temperature solution phase synthesis of Cu2O hollow spheres. *CrystEngComm*, **2010**, 12, 700-701	3.3	28
73	CTAB-assisted synthesis of monoclinic BiVO4 photocatalyst and its highly efficient degradation of organic dye under visible-light irradiation. *Journal of Hazardous Materials*, **2010**, 173, 194-9	12.8	195
72	Bi2WO6 with significantly enhanced photocatalytic activities by nitrogen doping. *Materials Chemistry and Physics*, **2010**, 120, 155-159	4.4	76
71	General strategy for a large-scale fabric with branched nanofiber-nanorod hierarchical heterostructure: controllable synthesis and applications. *Chemistry - A European Journal*, **2010**, 16, 11412-9	4.8	82
70	Efficient visible light induced degradation of organic contaminants by Bi2WO6 film on SiO2 modified reticular substrate. *Applied Catalysis B: Environmental*, **2010**, 93, 227-232	21.8	43
69	Hybrid Bi2SiO5 mesoporous microspheres with light response for environment decontamination. *Applied Catalysis B: Environmental*, **2010**, 100, 97-101	21.8	48
68	Low-temperature combustion synthesis of Bi2WO6 nanoparticles as a visible-light-driven photocatalyst. *Journal of Hazardous Materials*, **2010**, 177, 1013-8	12.8	181
67	Preparation of ordered mesoporous Ag/WO3 and its highly efficient degradation of acetaldehyde under visible-light irradiation. *Journal of Hazardous Materials*, **2010**, 178, 427-33	12.8	136
66	Photocatalytic activity of silver vanadate with one-dimensional structure under fluorescent light. *Journal of Hazardous Materials*, **2010**, 183, 950-3	12.8	34
65	Enhanced photocatalytic hydrogen evolution under visible light over Cd1⊠ZnxS solid solution with cubic zinc blend phase. *International Journal of Hydrogen Energy*, **2010**, 35, 19-25	6.7	196
64	Efficient catalytic oxidation of tetraethylated rhodamine over ordered mesoporous manganese oxide. *Journal of Molecular Catalysis A*, **2010**, 320, 72-78		21
63	Inducing photocatalysis by visible light beyond the absorption edge: Effect of upconversion agent on the photocatalytic activity of Bi2WO6. *Applied Catalysis B: Environmental*, **2010**, 101, 68-73	21.8	133
62	Bi2O3 hierarchical nanostructures: controllable synthesis, growth mechanism, and their application in photocatalysis. *Chemistry - A European Journal*, **2009**, 15, 1776-82	4.8	370
61	BiVO4 Hollow Nanospheres: Anchoring Synthesis, Growth Mechanism, and Their Application in Photocatalysis. *European Journal of Inorganic Chemistry*, **2009**, 2009, 4379-4384	2.3	66
60	A facile preparation and visible light-induced photocatalysis of indium sulfide superstructure. *Research on Chemical Intermediates*, **2009**, 35, 761-767	2.8	17

59	Preparation of BiOBr lamellar structure with high photocatalytic activity by CTAB as Br source and template. *Journal of Hazardous Materials*, **2009**, 167, 803-9	12.8	313
58	Nanosized BiVO4 with high visible-light-induced photocatalytic activity: ultrasonic-assisted synthesis and protective effect of surfactant. *Journal of Hazardous Materials*, **2009**, 172, 338-44	12.8	137
57	Bi2WO6@carbon/Fe3O4 microspheres: preparation, growth mechanism and application in water treatment. *Journal of Hazardous Materials*, **2009**, 172, 1193-7	12.8	54
56	Enhanced photocatalytic activity of Bi2WO6 loaded with Ag nanoparticles under visible light irradiation. *Applied Catalysis B: Environmental*, **2009**, 92, 50-55	21.8	204
55	Fe3O4 coupled BiOCl: A highly efficient magnetic photocatalyst. *Applied Catalysis B: Environmental*, **2009**, 90, 458-462	21.8	169
54	3D Bi2WO6/TiO2 Hierarchical Heterostructure: Controllable Synthesis and Enhanced Visible Photocatalytic Degradation Performances. *Journal of Physical Chemistry C*, **2009**, 113, 14727-14731	3.8	247
53	New Bi2WO6 Nanocages with High Visible-Light-Driven Photocatalytic Activities Prepared in Refluxing EG. *Crystal Growth and Design*, **2009**, 9, 991-996	3.5	191
52	Visible Light-Induced Photocatalytic Oxidation of Phenol and Aqueous Ammonia in Flowerlike Bi2Fe4O9 Suspensions. *Journal of Physical Chemistry C*, **2009**, 113, 12826-12831	3.8	111
51	A practical visible-light-driven Bi2WO6 nanofibrous mat prepared by electrospinning. *Journal of Materials Chemistry*, **2009**, 19, 6213		87
50	Efficient Methylene Blue Removal over Hydrothermally Synthesized Starlike BiVO4. *Industrial & Engineering Chemistry Research*, **2009**, 48, 1735-1739	3.9	111
49	Visible light-induced efficient contaminant removal by Bi5O7I. *Environmental Science & Technology*, **2009**, 43, 2005-10	10.3	212
48	Photocatalytic inactivation of bacteria by photocatalyst Bi2WO6 under visible light. *Catalysis Communications*, **2009**, 10, 1940-1943	3.2	76
47	Ag@C core/shell nanocomposite as a highly efficient plasmonic photocatalyst. *Catalysis Communications*, **2009**, 11, 290-293	3.2	95
46	Efficient Visible Light-Induced Photocatalytic Degradation of Contaminant by Spindle-like PANI/BiVO4. *Journal of Physical Chemistry C*, **2009**, 113, 20228-20233	3.8	156
45	Surfactant-Promoted Reductive Synthesis of Shape-Controlled Gold Nanostructures. *Crystal Growth and Design*, **2009**, 9, 858-862	3.5	54
44	Preparation of Monoclinic Scheelite BiVO4Photocatalyst by an Ultrasound-assisted Solvent Substitution Method. *Chemistry Letters*, **2009**, 38, 422-423	1.7	4
43	Template-Free Fabrication of CdMoO4 Hollow Spheres and Their Morphology-Dependent Photocatalytic Property. *Crystal Growth and Design*, **2008**, 8, 3595-3601	3.5	56
42	Bi2WO6 Nanocrystals with High Photocatalytic Activities under Visible Light. *Journal of Physical Chemistry C*, **2008**, 112, 10407-10411	3.8	201

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