

# Jimmy C Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2340060/publications.pdf>

Version: 2024-02-01

355  
papers

44,793  
citations

944

115  
h-index

2233

201  
g-index

366  
all docs

366  
docs citations

366  
times ranked

37225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of F-Doping on the Photocatalytic Activity and Microstructures of Nanocrystalline TiO <sub>2</sub> Powders. <i>Chemistry of Materials</i> , 2002, 14, 3808-3816.	3.2	2,068
2	The Effect of Calcination Temperature on the Surface Microstructure and Photocatalytic Activity of TiO <sub>2</sub> Thin Films Prepared by Liquid Phase Deposition. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13871-13879.	1.2	1,113
3	Crystal facet engineering of semiconductor photocatalysts: motivations, advances and unique properties. <i>Chemical Communications</i> , 2011, 47, 6763.	2.2	867
4	Efficient Visible-Light-Induced Photocatalytic Disinfection on Sulfur-Doped Nanocrystalline Titania. <i>Environmental Science &amp; Technology</i> , 2005, 39, 1175-1179.	4.6	754
5	Synthesis and Characterization of Phosphated Mesoporous Titanium Dioxide with High Photocatalytic Activity. <i>Chemistry of Materials</i> , 2003, 15, 2280-2286.	3.2	701
6	Fe <sub>2</sub> O <sub>3</sub> Nanorings Prepared by a Microwave-Assisted Hydrothermal Process and Their Sensing Properties. <i>Advanced Materials</i> , 2007, 19, 2324-2329.	11.1	602
7	Plasmonic Harvesting of Light Energy for Suzuki Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 5588-5601.	6.6	597
8	Effective Photocatalytic Disinfection of <i>E. coli</i> K-12 Using AgBr/Bi <sub>2</sub> WO <sub>6</sub> Nanojunction System Irradiated by Visible Light: The Role of Diffusing Hydroxyl Radicals. <i>Environmental Science &amp; Technology</i> , 2010, 44, 1392-1398.	4.6	557
9	Efficient Ammonia Electrosynthesis from Nitrate on Strained Ruthenium Nanoclusters. <i>Journal of the American Chemical Society</i> , 2020, 142, 7036-7046.	6.6	542
10	Preparation and Photocatalytic Behavior of MoS <sub>2</sub> and WS <sub>2</sub> Nanocluster Sensitized TiO <sub>2</sub> . <i>Langmuir</i> , 2004, 20, 5865-5869.	1.6	519
11	Effects of acidic and basic hydrolysis catalysts on the photocatalytic activity and microstructures of bimodal mesoporous titania. <i>Journal of Catalysis</i> , 2003, 217, 69-69.	3.1	518
12	Morphology-Controllable Synthesis of Mesoporous CeO <sub>2</sub> Nano- and Microstructures. <i>Chemistry of Materials</i> , 2005, 17, 4514-4522.	3.2	507
13	Graphene-based photocatalytic composites. <i>RSC Advances</i> , 2011, 1, 1426.	1.7	499
14	WO <sub>3</sub> nanorods/graphene nanocomposites for high-efficiency visible-light-driven photocatalysis and NO <sub>2</sub> gas sensing. <i>Journal of Materials Chemistry</i> , 2012, 22, 8525.	6.7	484
15	Design, Fabrication, and Modification of Nanostructured Semiconductor Materials for Environmental and Energy Applications. <i>Langmuir</i> , 2010, 26, 3031-3039.	1.6	464
16	Enhanced photocatalytic activity of mesoporous and ordinary TiO <sub>2</sub> thin films by sulfuric acid treatment. <i>Applied Catalysis B: Environmental</i> , 2002, 36, 31-43.	10.8	450
17	Systematic Synthesis and Characterization of Single-Crystal Lanthanide Orthophosphate Nanowires. <i>Journal of the American Chemical Society</i> , 2003, 125, 16025-16034.	6.6	443
18	Photocatalytic Activity of a Hierarchically Macro/Mesoporous Titania. <i>Langmuir</i> , 2005, 21, 2552-2559.	1.6	443

#	ARTICLE	IF	CITATIONS
19	Enhancement of photocatalytic activity of mesoporous TiO <sub>2</sub> by using carbon nanotubes. Applied Catalysis A: General, 2005, 289, 186-196.	2.2	434
20	Characterization and photocatalytic mechanism of nanosized CdS coupled TiO <sub>2</sub> nanocrystals under visible light irradiation. Journal of Molecular Catalysis A, 2006, 244, 25-32.	4.8	415
21	A New Visible-Light Photocatalyst: CdS Quantum Dots Embedded Mesoporous TiO <sub>2</sub> . Environmental Science & Technology, 2009, 43, 7079-7085.	4.6	413
22	Self-Assembly of ZnO Nanorods and Nanosheets into Hollow Microhemispheres and Microspheres. Advanced Materials, 2005, 17, 756-760.	11.1	396
23	Tuning the Grain Size and Particle Size of Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> Microparticles. Chemistry of Materials, 2009, 21, 5079-5087.	3.2	387
24	Degradation of Acid Orange 7 using magnetic AgBr under visible light: The roles of oxidizing species. Chemosphere, 2009, 76, 1185-1191.	4.2	386
25	Graphene and g-C <sub>3</sub> N <sub>4</sub> Nanosheets Cowrapped Elemental Sulfur As a Novel Metal-Free Heterojunction Photocatalyst for Bacterial Inactivation under Visible-Light. Environmental Science & Technology, 2013, 47, 8724-8732.	4.6	383
26	High-Efficiency "Working-in-Tandem" Nitrogen Photofixation Achieved by Assembling Plasmonic Gold Nanocrystals on Ultrathin Titania Nanosheets. Journal of the American Chemical Society, 2018, 140, 8497-8508.	6.6	382
27	Enhancement of adsorption and photocatalytic activity of TiO <sub>2</sub> by using carbon nanotubes for the treatment of azo dye. Applied Catalysis B: Environmental, 2005, 61, 1-11.	10.8	377
28	Photocatalytic Activity, Antibacterial Effect, and Photoinduced Hydrophilicity of TiO <sub>2</sub> Films Coated on a Stainless Steel Substrate. Environmental Science & Technology, 2003, 37, 2296-2301.	4.6	359
29	Synthesis of hierarchical nanoporous F-doped TiO <sub>2</sub> spheres with visible light photocatalytic activity. Chemical Communications, 2006, , 1115.	2.2	359
30	Preparation, Characterization, and Catalytic Activity of Core/Shell Fe <sub>3</sub> O <sub>4</sub> @Polyaniline@Au Nanocomposites. Langmuir, 2009, 25, 11835-11843.	1.6	351
31	g-C <sub>3</sub> N <sub>4</sub> quantum dots: direct synthesis, upconversion properties and photocatalytic application. Chemical Communications, 2014, 50, 10148-10150.	2.2	351
32	Ordered Mesoporous BiVO <sub>4</sub> through Nanocasting: A Superior Visible Light-Driven Photocatalyst. Chemistry of Materials, 2008, 20, 3983-3992.	3.2	340
33	Graphene oxide-Fe <sub>2</sub> O <sub>3</sub> hybrid material as highly efficient heterogeneous catalyst for degradation of organic contaminants. Carbon, 2013, 60, 437-444.	5.4	335
34	A micrometer-size TiO <sub>2</sub> single-crystal photocatalyst with remarkable 80% level of reactive facets. Chemical Communications, 2009, , 4381.	2.2	327
35	Direct Sonochemical Preparation and Characterization of Highly Active Mesoporous TiO <sub>2</sub> with a Bicrystalline Framework. Chemistry of Materials, 2002, 14, 4647-4653.	3.2	325
36	Preparation of highly photocatalytic active nano-sized TiO <sub>2</sub> particles via ultrasonic irradiation. Chemical Communications, 2001, , 1942-1943.	2.2	321

#	ARTICLE	IF	CITATIONS
37	Novel hollow Pt-ZnO nanocomposite microspheres with hierarchical structure and enhanced photocatalytic activity and stability. <i>Nanoscale</i> , 2013, 5, 2142.	2.8	313
38	Characterization of chemical species in PM2.5 and PM10 aerosols in Hong Kong. <i>Atmospheric Environment</i> , 2003, 37, 31-39.	1.9	311
39	Earth-abundant Ni <sub>2</sub> P/g-C <sub>3</sub> N <sub>4</sub> lamellar nanohydrids for enhanced photocatalytic hydrogen evolution and bacterial inactivation under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 570-580.	10.8	311
40	Degradation of azo dye Procion Red MX-5B by photocatalytic oxidation. <i>Chemosphere</i> , 2002, 46, 905-912.	4.2	305
41	AgBr-Ag-Bi <sub>2</sub> WO <sub>6</sub> nanojunction system: A novel and efficient photocatalyst with double visible-light active components. <i>Applied Catalysis A: General</i> , 2009, 363, 221-229.	2.2	304
42	Synthesis and Characterization of Porous Magnesium Hydroxide and Oxide Nanoplates. <i>Journal of Physical Chemistry B</i> , 2004, 108, 64-70.	1.2	303
43	Effect of Carbon Doping on the Mesoporous Structure of Nanocrystalline Titanium Dioxide and Its Solar-Light-Driven Photocatalytic Degradation of NO <sub>x</sub> . <i>Langmuir</i> , 2008, 24, 3510-3516.	1.6	288
44	Photocatalytic Activity of Rutile Ti <sub>1-x</sub> Sn <sub>x</sub> O <sub>2</sub> Solid Solutions. <i>Journal of Catalysis</i> , 1999, 183, 368-372.	3.1	287
45	Heteroepitaxial Growth of High-Index-Faceted Palladium Nanoshells and Their Catalytic Performance. <i>Journal of the American Chemical Society</i> , 2011, 133, 1106-1111.	6.6	287
46	Ambient Light Reduction Strategy to Synthesize Silver Nanoparticles and Silver-Coated TiO <sub>2</sub> with Enhanced Photocatalytic and Bactericidal Activities. <i>Langmuir</i> , 2003, 19, 10372-10380.	1.6	271
47	Red phosphorus: An elemental photocatalyst for hydrogen formation from water. <i>Applied Catalysis B: Environmental</i> , 2012, 111-112, 409-414.	10.8	265
48	An investigation on photocatalytic activities of mixed TiO <sub>2</sub> -rare earth oxides for the oxidation of acetone in air. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 116, 63-67.	2.0	261
49	Plasmon-enhanced chemical reactions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5790.	5.2	257
50	Pore-Wall Chemistry and Photocatalytic Activity of Mesoporous Titania Molecular Sieve Films. <i>Chemistry of Materials</i> , 2004, 16, 1523-1530.	3.2	254
51	Visible-Light-Driven Photocatalytic Inactivation of <i>E. coli</i> K-12 by Bismuth Vanadate Nanotubes: Bactericidal Performance and Mechanism. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4599-4606.	4.6	254
52	Advances in photocatalytic disinfection of bacteria: Development of photocatalysts and mechanisms. <i>Journal of Environmental Sciences</i> , 2015, 34, 232-247.	3.2	251
53	Effects of calcination temperature on the photocatalytic activity and photo-induced super-hydrophilicity of mesoporous TiO <sub>2</sub> thin films. <i>New Journal of Chemistry</i> , 2002, 26, 607-613.	1.4	247
54	Continuous Aspect Ratio Tuning and Fine Shape Control of Monodisperse Fe <sub>2</sub> O <sub>3</sub> Nanocrystals by a Programmed Microwave Hydrothermal Method. <i>Advanced Functional Materials</i> , 2008, 18, 880-887.	7.8	246

#	ARTICLE	IF	CITATIONS
55	Low-temperature hydrothermal synthesis of S-doped TiO <sub>2</sub> with visible light photocatalytic activity. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1171-1176.	1.4	245
56	Morphosynthesis of a hierarchical MoO <sub>2</sub> nanoarchitecture as a binder-free anode for lithium-ion batteries. <i>Energy and Environmental Science</i> , 2011, 4, 2870.	15.6	245
57	Continuous Size Tuning of Monodisperse ZnO Colloidal Nanocrystal Clusters by a Microwave-Polyol Process and Their Application for Humidity Sensing. <i>Advanced Materials</i> , 2008, 20, 4845-4850.	11.1	242
58	A black-red phosphorus heterostructure for efficient visible-light-driven photocatalysis. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3285-3288.	5.2	232
59	(Gold Core)@ (Ceria Shell) Nanostructures for Plasmon-Enhanced Catalytic Reactions under Visible Light. <i>ACS Nano</i> , 2014, 8, 8152-8162.	7.3	230
60	Red Phosphorus: An Earth-Abundant Elemental Photocatalyst for Green Bacterial Inactivation under Visible Light. <i>Environmental Science &amp; Technology</i> , 2015, 49, 6264-6273.	4.6	226
61	ZrO <sub>2</sub> -Modified Mesoporous Nanocrystalline TiO <sub>2</sub> -xN <sub>x</sub> as Efficient Visible Light Photocatalysts. <i>Environmental Science &amp; Technology</i> , 2006, 40, 2369-2374.	4.6	224
62	A sonochemical approach to hierarchical porous titania spheres with enhanced photocatalytic activity. Electronic Supplementary Information (ESI) available: XRD patterns, nitrogen adsorption/desorption isotherms, pore size distribution curves, photocatalytic activities and physicochemical properties of HPT and SMT. See <a href="http://www.rsc.org/suppdata/cc/b3/b306013f/">http://www.rsc.org/suppdata/cc/b3/b306013f/</a> . <i>Chemical Communications</i> , 2003, , 2078.	2.2	212
63	Photocatalytic hydrogen evolution and bacterial inactivation utilizing sonochemical-synthesized g-C <sub>3</sub> N <sub>4</sub> /red phosphorus hybrid nanosheets as a wide-spectral-responsive photocatalyst: The role of type I band alignment. <i>Applied Catalysis B: Environmental</i> , 2018, 238, 126-135.	10.8	209
64	Effects of acidity and inorganic ions on the photocatalytic degradation of different azo dyes. <i>Applied Catalysis B: Environmental</i> , 2003, 46, 35-47.	10.8	207
65	Porous Single-Crystalline Palladium Nanoparticles with High Catalytic Activities. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4872-4876.	7.2	206
66	Ti <sub>1-x</sub> Zr <sub>x</sub> O <sub>2</sub> Solid Solutions for the Photocatalytic Degradation of Acetone in Air. <i>Journal of Physical Chemistry B</i> , 1998, 102, 5094-5098.	1.2	205
67	A Hollow Porous CdS Photocatalyst. <i>Advanced Materials</i> , 2018, 30, e1804368.	11.1	204
68	Enhanced Activity and Stability of Carbon-Decorated Cuprous Oxide Mesoporous Nanorods for CO <sub>2</sub> Reduction in Artificial Photosynthesis. <i>ACS Catalysis</i> , 2016, 6, 6444-6454.	5.5	201
69	Facile synthesis of size-controllable monodispersed ferrite nanospheres. <i>Journal of Materials Chemistry</i> , 2010, 20, 5086.	6.7	197
70	Synthesis of Biocompatible, Mesoporous Fe <sub>3</sub> O <sub>4</sub> Nano/Microspheres with Large Surface Area for Magnetic Resonance Imaging and Therapeutic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 237-244.	4.0	197
71	High carbon utilization in CO <sub>2</sub> reduction to multi-carbon products in acidic media. <i>Nature Catalysis</i> , 2022, 5, 564-570.	16.1	197
72	Switching the selectivity of the photoreduction reaction of carbon dioxide by controlling the band structure of a g-C <sub>3</sub> N <sub>4</sub> photocatalyst. <i>Chemical Communications</i> , 2014, 50, 10837.	2.2	192

#	ARTICLE	IF	CITATIONS
73	Effective Prevention of Charge Trapping in Graphitic Carbon Nitride with Nanosized Red Phosphorus Modification for Superior Photo(electro)catalysis. <i>Advanced Functional Materials</i> , 2017, 27, 1703484.	7.8	188
74	Probing of photocatalytic surface sites on SO <sub>4</sub> <sup>2-</sup> /TiO <sub>2</sub> solid acids by in situ FT-IR spectroscopy and pyridine adsorption. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 179, 339-347.	2.0	184
75	Hydrothermal Synthesis of Rare Earth (Tb, Y) Hydroxide and Oxide Nanotubes. <i>Advanced Functional Materials</i> , 2003, 13, 955-960.	7.8	182
76	Enhancing effects of water content and ultrasonic irradiation on the photocatalytic activity of nano-sized TiO <sub>2</sub> powders. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 148, 263-271.	2.0	173
77	Inorganic materials for photocatalytic water disinfection. <i>Journal of Materials Chemistry</i> , 2010, 20, 4529.	6.7	173
78	An Elemental Phosphorus Photocatalyst with a Record High Hydrogen Evolution Efficiency. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9580-9585.	7.2	171
79	An Efficient Bismuth Tungstate Visible-Light-Driven Photocatalyst for Breaking Down Nitric Oxide. <i>Environmental Science &amp; Technology</i> , 2010, 44, 4276-4281.	4.6	170
80	CdIn <sub>2</sub> S <sub>4</sub> microsphere as an efficient visible-light-driven photocatalyst for bacterial inactivation: Synthesis, characterizations and photocatalytic inactivation mechanisms. <i>Applied Catalysis B: Environmental</i> , 2013, 129, 482-490.	10.8	170
81	Synthesis and Characterization of TiO <sub>2</sub> @C Core-Shell Composite Nanoparticles and Evaluation of Their Photocatalytic Activities. <i>Chemistry of Materials</i> , 2006, 18, 2275-2282.	3.2	166
82	NaYF <sub>4</sub> :Yb,Tm/CdS composite as a novel near-infrared-driven photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2010, 100, 433-439.	10.8	165
83	Synthesis and characterization of Pt/BiOI nanoplate catalyst with enhanced activity under visible light irradiation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 166, 213-219.	1.7	161
84	Effects of Trifluoroacetic Acid Modification on the Surface Microstructures and Photocatalytic Activity of Mesoporous TiO <sub>2</sub> Thin Films. <i>Langmuir</i> , 2003, 19, 3889-3896.	1.6	160
85	Photocatalytic degradation of triazine-containing azo dyes in aqueous TiO <sub>2</sub> suspensions. <i>Applied Catalysis B: Environmental</i> , 2003, 42, 47-55.	10.8	159
86	A Simple and General Method for the Synthesis of Multicomponent Na <sub>2</sub> V <sub>6</sub> O <sub>16</sub> ·3H <sub>2</sub> O Single-Crystal Nanobelts. <i>Journal of the American Chemical Society</i> , 2004, 126, 3422-3423.	6.6	158
87	Photooxidation of azo dye in aqueous dispersions of H <sub>2</sub> O <sub>2</sub> /FeOOH. <i>Applied Catalysis B: Environmental</i> , 2002, 39, 211-220.	10.8	157
88	Preparation, characterization and photocatalytic activity of in situ Fe-doped TiO <sub>2</sub> thin films. <i>Thin Solid Films</i> , 2006, 496, 273-280.	0.8	154
89	Enhancing Charge Separation in Metallic Photocatalysts: A Case Study of the Conducting Molybdenum Dioxide. <i>Advanced Functional Materials</i> , 2016, 26, 4445-4455.	7.8	154
90	Monoclinic dibismuth tetraoxide: A new visible-light-driven photocatalyst for environmental remediation. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 444-453.	10.8	153

#	ARTICLE	IF	CITATIONS
91	Thermally stable ordered mesoporous CeO <sub>2</sub> /TiO <sub>2</sub> visible-light photocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3775.	1.3	152
92	Novel noble metal (Rh, Pd, Pt)/BiOX(Cl, Br, I) composite photocatalysts with enhanced photocatalytic performance in dye degradation. <i>Separation and Purification Technology</i> , 2013, 120, 110-122.	3.9	152
93	A Mesoporous Pt/TiO <sub>2</sub> Nanoarchitecture with Catalytic and Photocatalytic Functions. <i>Chemistry - A European Journal</i> , 2005, 11, 2997-3004.	1.7	150
94	Phosphorus containing materials for photocatalytic hydrogen evolution. <i>Green Chemistry</i> , 2017, 19, 588-613.	4.6	148
95	Sonochemical synthesis and visible light photocatalytic behavior of CdSe and CdSe/TiO <sub>2</sub> nanoparticles. <i>Journal of Molecular Catalysis A</i> , 2006, 247, 268-274.	4.8	146
96	One-pot synthesis of In <sub>2</sub> S <sub>3</sub> nanosheets/graphene composites with enhanced visible-light photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2013, 129, 80-88.	10.8	145
97	Biomolecule-assisted fabrication of copper doped SnS <sub>2</sub> nanosheet/reduced graphene oxide junctions with enhanced visible-light photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1000-1005.	5.2	144
98	Synthesis of porous Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> nanofibers by electrospinning and their enhanced visible-light-driven photocatalytic properties. <i>Nanoscale</i> , 2013, 5, 2028.	2.8	143
99	Fast Production of Self-Assembled Hierarchical Fe <sub>2</sub> O <sub>3</sub> Nanoarchitectures. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11180-11185.	1.5	140
100	A Simple Way to Prepare N-Codoped TiO <sub>2</sub> Photocatalyst with Visible-Light Activity. <i>Catalysis Letters</i> , 2009, 129, 462-470.	1.4	139
101	Rapid synthesis of mesoporous TiO <sub>2</sub> with high photocatalytic activity by ultrasound-induced agglomeration. <i>New Journal of Chemistry</i> , 2002, 26, 416-420.	1.4	136
102	Photochemical growth of nanoporous SnO <sub>2</sub> at the air/water interface and its high photocatalytic activity. <i>Journal of Materials Chemistry</i> , 2010, 20, 5641.	6.7	133
103	Efficient Degradation of Organic Pollutants by Using Dioxygen Activated by Resin-Exchanged Iron(II) Bipyridine under Visible Irradiation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1029-1032.	7.2	132
104	Light-induced super-hydrophilicity and photocatalytic activity of mesoporous TiO <sub>2</sub> thin films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 148, 331-339.	2.0	131
105	The effect of F <sup>-</sup> -doping and temperature on the structural and textural evolution of mesoporous TiO <sub>2</sub> powders. <i>Journal of Solid State Chemistry</i> , 2003, 174, 372-380.	1.4	127
106	Sonochemical synthesis of aragonite-type calcium carbonate with different morphologies. <i>New Journal of Chemistry</i> , 2004, 28, 1027.	1.4	126
107	Ionothermal synthesis of hierarchical BiOBr microspheres for water treatment. <i>Journal of Hazardous Materials</i> , 2012, 211-212, 104-111.	6.5	126
108	A NIR-driven photocatalyst based on NaYF <sub>4</sub> :Yb,Tm@TiO <sub>2</sub> core/shell structure supported on reduced graphene oxide. <i>Applied Catalysis B: Environmental</i> , 2016, 182, 184-192.	10.8	126

#	ARTICLE	IF	CITATIONS
109	Selective self-propagating combustion synthesis of hexagonal and orthorhombic nanocrystalline yttrium iron oxide. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3666-3674.	1.4	123
110	Direct sonochemical preparation of high-surface-area nanoporous ceria and ceria-zirconia solid solutions. <i>Journal of Colloid and Interface Science</i> , 2003, 260, 240-243.	5.0	122
111	Rapid Mass Production of Hierarchically Porous ZnIn <sub>2</sub> S <sub>4</sub> Submicrospheres via a Microwave-Solvothermal Process. <i>Crystal Growth and Design</i> , 2007, 7, 2444-2448.	1.4	122
112	Ultrasound, pH, and Magnetically Responsive Crown-Ether-Coated Core/Shell Nanoparticles as Drug Encapsulation and Release Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 1566-1574.	4.0	122
113	Enhanced photocatalytic water disinfection properties of Bi <sub>2</sub> MoO <sub>6</sub> -RGO nanocomposites under visible light irradiation. <i>Nanoscale</i> , 2013, 5, 6307.	2.8	121
114	Biocompatible Anatase Single-Crystal Photocatalysts with Tunable Percentage of Reactive Facets. <i>Crystal Growth and Design</i> , 2010, 10, 1130-1137.	1.4	120
115	Photocatalyst TiO <sub>2</sub> supported on glass fiber for indoor air purification: effect of NO on the photodegradation of CO and NO <sub>2</sub> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 156, 171-177.	2.0	119
116	Microemulsion-mediated solvothermal synthesis of nanosized CdS-sensitized TiO <sub>2</sub> crystalline photocatalyst. Electronic supplementary information (ESI) available: UV-visible absorption spectra, XRD patterns and EPR spectrum. See <a href="http://www.rsc.org/suppdata/cc/b3/b302418k/">http://www.rsc.org/suppdata/cc/b3/b302418k/</a> . <i>Chemical Communications</i> , 2003, , 1552.	2.2	118
117	Covalent Fixation of Surface Oxygen Atoms on Hematite Photoanode for Enhanced Water Oxidation. <i>Chemistry of Materials</i> , 2016, 28, 564-572.	3.2	118
118	Effects of alcohol content and calcination temperature on the textural properties of bimodally mesoporous titania. <i>Applied Catalysis A: General</i> , 2003, 255, 309-320.	2.2	117
119	An ordered cubic Im $\bar{3}m$ mesoporous Cr-TiO <sub>2</sub> visible light photocatalyst. <i>Chemical Communications</i> , 2006, , 2717-2719.	2.2	117
120	Preparation of WO <sub>3</sub> /ZnO Composite Photocatalyst and Its Photocatalytic Performance. <i>Chinese Journal of Catalysis</i> , 2011, 32, 555-565.	6.9	114
121	Graphene modified iron sludge derived from homogeneous Fenton process as an efficient heterogeneous Fenton catalyst for degradation of organic pollutants. <i>Microporous and Mesoporous Materials</i> , 2017, 238, 62-68.	2.2	114
122	Enhanced photo-Fenton degradation of rhodamine B using graphene oxide-amorphous FePO <sub>4</sub> as effective and stable heterogeneous catalyst. <i>Journal of Colloid and Interface Science</i> , 2015, 448, 460-466.	5.0	113
123	Fe Enhanced Visible-Light-Driven Nitrogen Fixation on BiOBr Nanosheets. <i>Chemistry of Materials</i> , 2020, 32, 1488-1494.	3.2	113
124	Influence of Thermal Treatment on the Adsorption of Oxygen and Photocatalytic Activity of TiO <sub>2</sub> . <i>Langmuir</i> , 2000, 16, 7304-7308.	1.6	112
125	Metal Nanocrystal-Embedded Hollow Mesoporous TiO <sub>2</sub> and ZrO <sub>2</sub> Microspheres Prepared with Polystyrene Nanospheres as Carriers and Templates. <i>Advanced Functional Materials</i> , 2013, 23, 2137-2144.	7.8	112
126	One-dimensional shape-controlled preparation of porous Cu <sub>2</sub> O nano-whiskers by using CTAB as a template. <i>Journal of Solid State Chemistry</i> , 2004, 177, 4640-4647.	1.4	109



#	ARTICLE	IF	CITATIONS
127	Chemical modification of inorganic nanostructures for targeted and controlled drug delivery in cancer treatment. <i>Journal of Materials Chemistry B</i> , 2014, 2, 452-470.	2.9	108
128	Converting Carbohydrates to Carbon-Based Photocatalysts for Environmental Treatment. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7076-7083.	4.6	107
129	Solvent extraction of dithiocarbamate complexes and back-extraction with mercury(II) for determination of trace metals in seawater by atomic absorption spectrometry. <i>Analytical Chemistry</i> , 1982, 54, 2536-2539.	3.2	106
130	Photocatalytic oxidation of triclosan. <i>Chemosphere</i> , 2006, 65, 390-399.	4.2	106
131	Sonochemical fabrication of fluorinated mesoporous titanium dioxide microspheres. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1061-1069.	1.4	105
132	Hierarchically Nanostructured Rutile Arrays: Acid Vapor Oxidation Growth and Tunable Morphologies. <i>ACS Nano</i> , 2009, 3, 1212-1218.	7.3	105
133	A General Solution-Phase Approach to Oriented Nanostructured Films of Metal Chalcogenides on Metal Foils: The Case of Nickel Sulfide. <i>Journal of the American Chemical Society</i> , 2004, 126, 8116-8117.	6.6	104
134	Photocatalytic degradation of cationic blue X-GRL adsorbed on TiO <sub>2</sub> /SiO <sub>2</sub> photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2003, 40, 131-140.	10.8	103
135	Sonochemical fabrication, characterization and photocatalytic properties of Ag/ZnWO <sub>4</sub> nanorod catalyst. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 164, 16-22.	1.7	103
136	CdS nanorods/reduced graphene oxide nanocomposites for photocatalysis and electrochemical sensing. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5158.	5.2	101
137	Photocatalytic disinfection of marine bacteria using fluorescent light. <i>Water Research</i> , 2008, 42, 4827-4837.	5.3	100
138	Fast fabrication of Co <sub>3</sub> O <sub>4</sub> and CuO/BiVO <sub>4</sub> composite photocatalysts with high crystallinity and enhanced photocatalytic activity via ultrasound irradiation. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4547-4552.	2.8	100
139	Selective deposition of redox co-catalyst(s) to improve the photocatalytic activity of single-domain ferroelectric PbTiO <sub>3</sub> nanoplates. <i>Chemical Communications</i> , 2014, 50, 10416.	2.2	100
140	Fabrication, characterization of <sup>125</sup> I-MnO <sub>2</sub> microrod catalysts and their performance in rapid degradation of dyes of high concentration. <i>Catalysis Today</i> , 2014, 224, 154-162.	2.2	97
141	On-Demand Synthesis of H <sub>2</sub> O <sub>2</sub> by Water Oxidation for Sustainable Resource Production and Organic Pollutant Degradation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20538-20544.	7.2	96
142	High-Yield Synthesis of Nickel and Nickel Phosphide Nanowires via Microwave-Assisted Processes. <i>Chemistry of Materials</i> , 2008, 20, 6743-6749.	3.2	93
143	Characterization of mesoporous nanocrystalline TiO <sub>2</sub> photocatalysts synthesized via a sol-solothermal process at a low temperature. <i>Journal of Solid State Chemistry</i> , 2005, 178, 321-328.	1.4	91
144	Crystalline phosphorus fibers: controllable synthesis and visible-light-driven photocatalytic activity. <i>Nanoscale</i> , 2014, 6, 14163-14167.	2.8	91

#	ARTICLE	IF	CITATIONS
145	β-Cyclodextrin epichlorohydrin copolymer as a solid-phase extraction adsorbent for aromatic compounds in water samples. <i>Analytica Chimica Acta</i> , 2003, 477, 93-101.	2.6	90
146	Title is missing!. <i>Journal of Materials Science Letters</i> , 2001, 20, 1745-1748.	0.5	89
147	Effect of surface microstructure on the photoinduced hydrophilicity of porous TiO <sub>2</sub> thin films. <i>Journal of Materials Chemistry</i> , 2002, 12, 81-85.	6.7	89
148	Enhanced Mass Transfer of Oxygen through a Gas-Liquid-Solid Interface for Photocatalytic Hydrogen Peroxide Production. <i>Advanced Functional Materials</i> , 2021, 31, 2106120.	7.8	88
149	Efficient H <sub>2</sub> O <sub>2</sub> Oxidation of Organic Pollutants Catalyzed by Supported Iron Sulfophenylporphyrin under Visible Light Irradiation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 7263-7270.	1.2	84
150	Green synthesis of a self-assembled rutile mesocrystalline photocatalyst. <i>CrystEngComm</i> , 2010, 12, 1759.	1.3	84
151	Enhanced photocatalytic activity of Ti <sub>1-x</sub> V <sub>x</sub> O <sub>2</sub> solid solution on the degradation of acetone. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 111, 199-203.	2.0	83
152	Sono- and Photochemical Routes for the Formation of Highly Dispersed Gold Nanoclusters in Mesoporous Titania Films. <i>Advanced Functional Materials</i> , 2004, 14, 1178-1183.	7.8	83
153	Sonochemical fabrication of novel square-shaped F doped TiO <sub>2</sub> nanocrystals with enhanced performance in photocatalytic degradation of phenol. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 38-45.	6.5	83
154	The Effect of SiO <sub>2</sub> Addition on the Grain Size and Photocatalytic Activity of TiO <sub>2</sub> Thin Films. <i>Journal of Sol-Gel Science and Technology</i> , 2002, 24, 95-103.	1.1	81
155	Photocatalytic Activity and Characterization of the Sol-Gel Derived Pb-Doped TiO <sub>2</sub> Thin Films. <i>Journal of Sol-Gel Science and Technology</i> , 2002, 24, 39-48.	1.1	80
156	Design and fabrication of heterojunction photocatalysts for energy conversion and pollutant degradation. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1609-1618.	6.9	80
157	Preparation of bismuth oxyiodides and oxides and their photooxidation characteristic under visible/UV light irradiation. <i>Materials Research Bulletin</i> , 2011, 46, 140-146.	2.7	79
158	Hierarchical P/YPO <sub>4</sub> microsphere for photocatalytic hydrogen production from water under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2012, 119-120, 267-272.	10.8	79
159	Efficient generation of singlet oxygen on modified g-C <sub>3</sub> N <sub>4</sub> photocatalyst for preferential oxidation of targeted organic pollutants. <i>Chemical Engineering Journal</i> , 2022, 431, 134241.	6.6	77
160	Zn:In(OH) <sub>S</sub> Solid Solution Nanoplates: Synthesis, Characterization, and Photocatalytic Mechanism. <i>Environmental Science &amp; Technology</i> , 2009, 43, 7883-7888.	4.6	76
161	AgInS <sub>2</sub> /In <sub>2</sub> S <sub>3</sub> heterostructure sensitization of Escherichia coli for sustainable hydrogen production. <i>Nano Energy</i> , 2018, 46, 234-240.	8.2	76
162	A General in-situ Hydrothermal Rolling-Up Formation of One-Dimensional, Single-Crystalline Lead Telluride Nanostructures. <i>Small</i> , 2005, 1, 349-354.	5.2	75

#	ARTICLE	IF	CITATIONS
163	Effects of Cu <sub>2</sub> O nanoparticle and CuCl <sub>2</sub> on zebrafish larvae and a liver cell-line. <i>Aquatic Toxicology</i> , 2011, 105, 344-354.	1.9	75
164	Semiconductor/biomolecular composites for solar energy applications. <i>Energy and Environmental Science</i> , 2011, 4, 100-113.	15.6	75
165	Three-Dimensionally Ordered Mesoporous Molecular-Sieve Films as Solid Superacid Photocatalysts. <i>Advanced Materials</i> , 2005, 17, 99-102.	11.1	73
166	Pt <sub>3</sub> Co-loaded CdS and TiO <sub>2</sub> for photocatalytic hydrogen evolution from water. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12221.	5.2	73
167	Folate-conjugated Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @gold nanorods@mesoporous SiO <sub>2</sub> hybrid nanomaterial: a theranostic agent for magnetic resonance imaging and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2934.	2.9	72
168	Mesoporous Structures from Supramolecular Assembly of in situ Generated ZnS Nanoparticles. <i>Langmuir</i> , 2003, 19, 5904-5911.	1.6	71
169	Preparation, characterization and photocatalytic performance of Mo-doped ZnO photocatalysts. <i>Science China Chemistry</i> , 2012, 55, 1802-1810.	4.2	71
170	Enhanced CO <sub>2</sub> reduction and valuable C <sub>2+</sub> chemical production by a CdS-photosynthetic hybrid system. <i>Nanoscale</i> , 2019, 11, 9296-9301.	2.8	71
171	Sol-gel derived S,I-codoped mesoporous TiO <sub>2</sub> photocatalyst with high visible-light photocatalytic activity. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 1337-1343.	1.9	70
172	Photocatalytically recovering hydrogen energy from wastewater treatment using MoS <sub>2</sub> @TiO <sub>2</sub> with sulfur/oxygen dual-defect. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120878.	10.8	70
173	Carbonaceous characteristics of atmospheric particulate matter in Hong Kong. <i>Science of the Total Environment</i> , 2002, 300, 59-67.	3.9	69
174	A Low-Temperature and Mild Solvothermal Route to the Synthesis of Wurtzite-Type ZnS With Single-Crystalline Nanoplate-like Morphology. <i>Crystal Growth and Design</i> , 2005, 5, 1761-1765.	1.4	68
175	Construction of Size-Controllable Hierarchical Nanoporous TiO <sub>2</sub> Ring Arrays and Their Modifications. <i>Chemistry of Materials</i> , 2006, 18, 3774-3779.	3.2	68
176	Hydrothermal synthesis and characterization of novel PbWO <sub>4</sub> microspheres with hierarchical nanostructures and enhanced photocatalytic performance in dye degradation. <i>Chemical Engineering Journal</i> , 2013, 219, 86-95.	6.6	68
177	Photo-Fenton degradation of malachite green catalyzed by aromatic compounds under visible light irradiation. <i>New Journal of Chemistry</i> , 2002, 26, 336-341.	1.4	67
178	Selected-Control Synthesis of NaV <sub>6</sub> O <sub>15</sub> and Na <sub>2</sub> V <sub>6</sub> O <sub>16</sub> ·3H <sub>2</sub> O Single-Crystalline Nanowires. <i>Crystal Growth and Design</i> , 2005, 5, 969-974.	1.4	67
179	WO <sub>3</sub> Coupled P-TiO <sub>2</sub> Photocatalysts with Mesoporous Structure. <i>Catalysis Letters</i> , 2010, 140, 172-183.	1.4	67
180	Induced Crystallization of Rubrene in Thin-Film Transistors. <i>Advanced Materials</i> , 2010, 22, 3242-3246.	11.1	67

#	ARTICLE	IF	CITATIONS
181	Porous TiO <sub>2</sub> Materials through Pickering High-Internal Phase Emulsion Templating. <i>Langmuir</i> , 2014, 30, 2676-2683.	1.6	67
182	Synthesis and Characterization of Core-Shell Selenium/Carbon Colloids and Hollow Carbon Capsules. <i>Chemistry - A European Journal</i> , 2006, 12, 548-552.	1.7	66
183	An efficient dye-sensitized BiOCl photocatalyst for air and water purification under visible light irradiation. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1975-1980.	1.7	66
184	A Novel $\text{Zn}^{2+}$ -CD $\alpha$ -Hemin Complex Photocatalyst for Efficient Degradation of Organic Pollutants at Neutral pHs under Visible Irradiation. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9409-9414.	1.2	65
185	A robust three-dimensional mesoporous Ag/TiO <sub>2</sub> nanohybrid film. <i>Chemical Communications</i> , 2005, , 2262.	2.2	64
186	Hydrothermal and Pyrolytic Conversion of Biomasses into Catalysts for Advanced Oxidation Treatments. <i>Advanced Functional Materials</i> , 2021, 31, 2006505.	7.8	64
187	Extraction of gold and mercury from sea water with bismuth diethyldithiocarbamate prior to neutron activation $\gamma$ -spectrometry. <i>Analytica Chimica Acta</i> , 1983, 154, 307-312.	2.6	63
188	Photoreaction of aromatic compounds at $\text{Zn}^{2+}$ -FeOOH/H <sub>2</sub> O interface in the presence of H <sub>2</sub> O <sub>2</sub> : evidence for organic-goethite surface complex formation. <i>Water Research</i> , 2005, 39, 119-128.	5.3	63
189	A Meaningful Analogue of Pentacene: Charge Transport, Polymorphs, and Electronic Structures of Dihydrodiazapentacene. <i>Chemistry of Materials</i> , 2009, 21, 1400-1405.	3.2	63
190	Biohybrid photoheterotrophic metabolism for significant enhancement of biological nitrogen fixation in pure microbial cultures. <i>Energy and Environmental Science</i> , 2019, 12, 2185-2191.	15.6	61
191	Photodrivn Disproportionation of Nitrogen and Its Change to Reductive Nitrogen Photofixation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 927-936.	7.2	61
192	Facile fabrication and characterization of hierarchically porous calcium carbonate microspheres. <i>Chemical Communications</i> , 2004, , 2414.	2.2	60
193	Photocatalytic degradation of ibuprofen on S-doped BiOBr. <i>Chemosphere</i> , 2021, 278, 130376.	4.2	60
194	Magnetic Nanochains of FeNi <sub>3</sub> Prepared by a Template-Free Microwave-Hydrothermal Method. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2579-2584.	4.0	59
195	Sonication assisted deposition of Cu <sub>2</sub> O nanoparticles on multiwall carbon nanotubes with polyol process. <i>Carbon</i> , 2005, 43, 670-673.	5.4	58
196	Photochemical Preparation of Two-Dimensional Gold Spherical Pore and Hollow Sphere Arrays on a Solution Surface. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 773-777.	7.2	57
197	In situ synthesis of Zn <sub>2</sub> GeO <sub>4</sub> hollow spheres and their enhanced photocatalytic activity for the degradation of antibiotic metronidazole. <i>Dalton Transactions</i> , 2013, 42, 5092.	1.6	57
198	A nanostructured chromium(iii) oxide/tungsten(vi) oxide p-n junction photoanode toward enhanced efficiency for water oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14046-14053.	5.2	57

#	ARTICLE	IF	CITATIONS
199	Discrete Functional Gold Nanoparticles: Hydrogen Bond-Assisted Synthesis, Magnetic Purification, Supramolecular Dimer and Trimer Formation. <i>ACS Nano</i> , 2009, 3, 2129-2138.	7.3	56
200	Hierarchical core/shell Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @ $\gamma$ -AlOOH@Au micro/nanoflowers for protein immobilization. <i>Chemical Communications</i> , 2011, 47, 2514.	2.2	56
201	Sonochemical Preparation of Nanoporous Composites of Titanium Oxide and Size-Tunable Strontium Titanate Crystals. <i>Langmuir</i> , 2003, 19, 7673-7675.	1.6	55
202	Controlled Hydrothermal Synthesis and Growth Mechanism of Various Nanostructured Films of Copper and Silver Tellurides. <i>Chemistry - A European Journal</i> , 2006, 12, 4185-4190.	1.7	55
203	Preparation, characterization and photocatalytic performance of noble metals (Ag, Pd, Pt, Rh) deposited on sponge-like ZnO microcuboids. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1714-1720.	1.9	55
204	Fabrication of a Photocatalyst with Biomass Waste for H <sub>2</sub> O <sub>2</sub> Synthesis. <i>ACS Catalysis</i> , 2021, 11, 14480-14488.	5.5	54
205	Preparation and photocatalytic behavior of MoS <sub>2</sub> and WS <sub>2</sub> nanocluster sensitized TiO <sub>2</sub> . <i>Langmuir</i> , 2004, 20, 5865-9.	1.6	54
206	Visible light-assisted bactericidal effect of metalphthalocyanine-sensitized titanium dioxide films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 156, 235-241.	2.0	53
207	Peanut-shaped nanoribbon bundle superstructures of malachite and copper oxide. <i>Journal of Crystal Growth</i> , 2004, 266, 545-551.	0.7	53
208	Coating MWNTs with Cu <sub>2</sub> O of different morphology by a polyol process. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1488-1494.	1.4	53
209	Aerosol-spray metal phosphide microspheres with bifunctional electrocatalytic properties for water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4783-4792.	5.2	53
210	Graphitic carbon nitride nanosheet wrapped mesoporous titanium dioxide for enhanced photoelectrocatalytic water splitting. <i>Catalysis Today</i> , 2018, 315, 103-109.	2.2	53
211	Bactericidal and photocatalytic activities of TiO <sub>2</sub> thin films prepared by sol-gel and reverse micelle methods. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 153, 211-219.	2.0	51
212	Photocytotoxicity and Magnetic Relaxivity Responses of Dual-Porous $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> @ <i>meso</i> -SiO <sub>2</sub> Microspheres. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 2033-2040.	4.0	51
213	High-performance seawater oxidation by a homogeneous multimetallic layered double hydroxide electrocatalyst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2202382119.	3.3	51
214	Dithiocarbamate extraction of gallium from natural waters and from biological samples for neutron activation analysis. <i>Analytical Chemistry</i> , 1984, 56, 1689-1691.	3.2	50
215	Preparation of a highly active nanocrystalline TiO <sub>2</sub> photocatalyst from titanium oxo cluster precursor. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2584-2590.	1.4	50
216	Simultaneous Determination of Cobalt, Copper and Zinc by Energy Dispersive X-ray Fluorescence Spectrometry after Preconcentration on PAR-loaded Ion-Exchange Resin. <i>Analytical Sciences</i> , 2005, 21, 851-854.	0.8	50

#	ARTICLE	IF	CITATIONS
217	Microwave-assisted synthesis and in-situ self-assembly of coaxial Ag/C nanocables. <i>Chemical Communications</i> , 2005, , 2704.	2.2	50
218	Nanoflower arrays of rutile TiO <sub>2</sub> . <i>Chemical Communications</i> , 2011, 47, 1184-1186.	2.2	50
219	An NIR-triggered and thermally responsive drug delivery platform through DNA/copper sulfide gates. <i>Nanoscale</i> , 2015, 7, 12614-12624.	2.8	49
220	Pt/Bi <sub>2</sub> WO <sub>6</sub> composite microflowers: High visible light photocatalytic performance and easy recycle. <i>Separation and Purification Technology</i> , 2015, 154, 115-122.	3.9	49
221	<a href="http://www.rsc.org/suppdata/cc/b3/b310998d/">A self-seeded, surfactant-directed hydrothermal growth of single crystalline lithium manganese oxide nanobelts from the commercial bulky particles</a> Electronic supplementary information (ESI) available: SEM images of commercial lithium manganese oxide bulky particles and the products synthesized under different conditions as well as lithium manganese oxide nanobelts, Se nanorods and MnO <sub>2</sub> nanorods grown on the bulky particles and Te nanotubes. See <a href="http://www.rsc.org/suppdata/cc/b3/b310998d/">http://www.rsc.org/suppdata/cc/b3/b310998d/</a> . <i>Chemical Communications</i> , 2003, , 2910.	2.2	48
222	A simple approach to reactivate silver-coated titanium dioxide photocatalyst. <i>Catalysis Communications</i> , 2005, 6, 684-687.	1.6	48
223	Photochemical growth of cadmium-rich CdS nanotubes at the air/water interface and their use in photocatalysis. <i>Journal of Materials Chemistry</i> , 2009, 19, 6901.	6.7	48
224	Ultrasonic fabrication of N-doped TiO <sub>2</sub> nanocrystals with mesoporous structure and enhanced visible light photocatalytic activity. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1250-1255.	6.9	46
225	Synthesis and characterization of Ag/TiO <sub>2</sub> -B nanosquares with high photocatalytic activity under visible light irradiation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013, 178, 344-348.	1.7	45
226	Flow injection solid-phase chemiluminescent immunoassay using a membrane-based reactor. <i>Analytical Chemistry</i> , 1991, 63, 666-669.	3.2	44
227	Ultrasonic aerosol spray-assisted preparation of TiO <sub>2</sub> /In <sub>2</sub> O <sub>3</sub> composite for visible-light-driven photocatalysis. <i>Journal of Catalysis</i> , 2014, 310, 84-90.	3.1	43
228	Room temperature synthesis of a highly active Cu <sub>2</sub> O photocathode for photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13736-13741.	5.2	43
229	Fabrication of hierarchical porous iron oxide films utilizing the Kirkendall effect. <i>Chemical Communications</i> , 2005, , 2683.	2.2	42
230	Mesoporous carbon/CuS nanocomposites for pH-dependent drug delivery and near-infrared chemo-photothermal therapy. <i>RSC Advances</i> , 2015, 5, 93226-93233.	1.7	42
231	Photocatalytic TiO <sub>2</sub> /Glass Nanoflake Array Films. <i>Langmuir</i> , 2005, 21, 3486-3492.	1.6	41
232	A nonstoichiometric SnO <sub>2</sub> nanocrystal-based counter electrode for remarkably improving the performance of dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 7020.	2.2	41
233	An Elemental Phosphorus Photocatalyst with a Record High Hydrogen Evolution Efficiency. <i>Angewandte Chemie</i> , 2016, 128, 9732-9737.	1.6	41
234	Meso- and macro-porous Pd/CeZrO <sub>2</sub> as novel oxidation catalysts. <i>Journal of Materials Chemistry</i> , 2005, 15, 2193.	6.7	40

#	ARTICLE	IF	CITATIONS
235	Fe <sup>3+</sup> /Fe <sup>2+</sup> cycling promoted by Ta <sub>3</sub> N <sub>5</sub> under visible irradiation in Fenton degradation of organic pollutants. <i>Applied Catalysis B: Environmental</i> , 2007, 75, 256-263.	10.8	40
236	Photocatalytic activity and photo-induced hydrophilicity of mesoporous TiO <sub>2</sub> thin films coated on aluminum substrate. <i>Applied Catalysis B: Environmental</i> , 2007, 73, 135-143.	10.8	40
237	Enhanced photocatalytic hydrogen production from aqueous sulfide/sulfite solution by ZnO 0.6 S 0.4 with simultaneous dye degradation under visible-light irradiation. <i>Chemosphere</i> , 2017, 183, 219-228.	4.2	40
238	Polymeric membrane silver-ion selective electrodes based on bis(dialkyldithiophosphates). <i>Analytica Chimica Acta</i> , 2000, 416, 139-144.	2.6	39
239	Converting cellulose waste into a high-efficiency photocatalyst for Cr(VI) reduction via molecular oxygen activation. <i>Applied Catalysis B: Environmental</i> , 2021, 295, 120253.	10.8	39
240	Liquid bismuth initiated growth of phosphorus microbelts with efficient charge polarization for photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2019, 247, 100-106.	10.8	38
241	Preparation of stable porous nickel and cobalt oxides using simple inorganic precursor, instead of alkoxides, by a sonochemical technique. <i>Ultrasonics Sonochemistry</i> , 2005, 12, 205-212.	3.8	36
242	Microwave-Assisted Synthesis of a Superparamagnetic Surface-Functionalized Porous Fe <sub>3</sub> O <sub>4</sub> /C Nanocomposite. <i>Chemistry - an Asian Journal</i> , 2006, 1, 605-610.	1.7	36
243	Cu(In,Ga)Se <sub>2</sub> for selective and efficient photoelectrochemical conversion of CO <sub>2</sub> into CO. <i>Journal of Catalysis</i> , 2020, 384, 88-95.	3.1	36
244	Cross-Medial Arrays of Ta-Doped Rutile Titania. <i>Journal of the American Chemical Society</i> , 2009, 131, 12048-12049.	6.6	35
245	Lanthanide stannate pyrochlores Ln <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> (Ln=Nd, Sm, Eu, Gd, Er, Yb) nanocrystals: Synthesis, characterization, and photocatalytic properties. <i>Materials Research Bulletin</i> , 2014, 56, 86-91.	2.7	35
246	A mild solvothermal route for preparation of cubic-like CuInS <sub>2</sub> crystals. <i>Materials Letters</i> , 2009, 63, 1984-1986.	1.3	34
247	Interfacial Iodine-Doped Hydrothermally Carbonized Carbon with <i>Escherichia coli</i> through an $\alpha$ -Add $\epsilon$ -Mode for Enhanced Light-Driven Hydrogen Production. <i>Advanced Energy Materials</i> , 2021, 11, 2100291.	10.2	34
248	Semiconductor olefin adducts. Photoluminescent properties of cadmium sulfide and cadmium selenide in the presence of butenes. <i>Journal of the American Chemical Society</i> , 1989, 111, 5146-5148.	6.6	33
249	Efficient degradation of organic pollutants mediated by immobilized iron tetrasulfophthalocyanine under visible light irradiation. <i>Chemical Communications</i> , 2003, , 80-81.	2.2	33
250	Microwave hydrothermal synthesis of M <sub>2</sub> SnO <sub>3</sub> (M <sub>2</sub> =Ca <sup>2+</sup> , Sr <sup>2+</sup> , Ba <sup>2+</sup> ): effect of M <sub>2</sub> <sup>+</sup> on crystal structure and photocatalytic properties. <i>Journal of Materials Science</i> , 2014, 49, 1893-1902.	1.7	33
251	Hexagonal tungsten trioxide nanorods as a rapid adsorbent for methylene blue. <i>Separation and Purification Technology</i> , 2012, 91, 103-107.	3.9	32
252	Synthesis of Size-Tunable Monodispersed Metallic Nickel Nanocrystals without Hot Injection. <i>Crystal Growth and Design</i> , 2009, 9, 2812-2815.	1.4	31

#	ARTICLE	IF	CITATIONS
253	A visible-light-driven composite photocatalyst of TiO <sub>2</sub> nanotube arrays and graphene quantum dots. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 689-695.	1.5	31
254	Separation and determination of Cr(III) by titanium dioxide-filled column and inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2001, 436, 59-67.	2.6	30
255	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1059-1062.	1.6	30
256	Intrinsic defect based homojunction: A novel quantum dots photoanode with enhanced charge transfer kinetics. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 829-838.	10.8	30
257	Free-standing red phosphorous/silver sponge monolith as an efficient and easily recyclable macroscale photocatalyst for organic pollutant degradation under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , 2018, 518, 130-139.	5.0	30
258	Facile synthesis of carbon- and oxygen-rich graphitic carbon nitride with enhanced visible-light photocatalytic activity. <i>Catalysis Today</i> , 2018, 310, 26-31.	2.2	30
259	Treated rape pollen: a metal-free visible-light-driven photocatalyst from nature for efficient water disinfection. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9335-9344.	5.2	30
260	Panoramic insights into semi-artificial photosynthesis: origin, development, and future perspective. <i>Energy and Environmental Science</i> , 2022, 15, 529-549.	15.6	30
261	Atomic Force Microscopic Studies of Porous TiO <sub>2</sub> Thin Films Prepared by the Sol-Gel Method. <i>Journal of Sol-Gel Science and Technology</i> , 2002, 24, 229-240.	1.1	29
262	Preparation and characterization of nanoplatelets of nickel hydroxide and nickel oxide. <i>Materials Chemistry and Physics</i> , 2006, 98, 267-272.	2.0	29
263	Loading Metal Nanostructures on Cotton Fabrics as Recyclable Catalysts. <i>Small</i> , 2013, 9, 1003-1007.	5.2	29
264	Assembly of polyethylenimine-functionalized iron oxide nanoparticles as agents for DNA transfection with magnetofection technique. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7936-7944.	2.9	29
265	Oxide Monoliths and Films with Unusual Long-Range Highly Ordered Lamellar Structures. <i>Advanced Materials</i> , 2002, 14, 1064.	11.1	28
266	Growth of single-crystalline SnO <sub>2</sub> nanocubes via a hydrothermal route. <i>CrystEngComm</i> , 2010, 12, 341-343.	1.3	28
267	A highly selective photooxidation approach using O <sub>2</sub> in water catalyzed by iron(ii) bipyridine complex supported on NaY zeolite. <i>Chemical Communications</i> , 2003, , 2214.	2.2	27
268	A wide-spectrum-responsive TiO <sub>2</sub> photoanode for photoelectrochemical cells. <i>Applied Catalysis B: Environmental</i> , 2015, 168-169, 483-489.	10.8	27
269	Efficient Electronic Transport in Partially Disordered Co <sub>3</sub> O <sub>4</sub> Nanosheets for Electrocatalytic Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 3071-3081.	2.5	27
270	Simultaneous determination of inorganic anions, carboxylic and aromatic carboxylic acids by capillary zone electrophoresis with direct UV detection. <i>Journal of Chromatography A</i> , 2002, 942, 289-294.	1.8	26



#	ARTICLE	IF	CITATIONS
271	Facet effect of copper(I) sulfide nanocrystals on photoelectrochemical properties. <i>Progress in Natural Science: Materials International</i> , 2012, 22, 585-591.	1.8	26
272	WO <sub>3</sub> /TiO <sub>2</sub> microstructures for enhanced photocatalytic oxidation. <i>Separation and Purification Technology</i> , 2012, 91, 67-72.	3.9	26
273	Direct observation of carbon nanostructure growth at liquid–solid interfaces. <i>Chemical Communications</i> , 2014, 50, 826-828.	2.2	25
274	Synthesis of 3D structured graphene as a high performance catalyst support for methanol electro-oxidation. <i>Nanoscale</i> , 2015, 7, 10896-10902.	2.8	25
275	Progress in sonochemical fabrication of nanostructured photocatalysts. <i>Rare Metals</i> , 2016, 35, 211-222.	3.6	25
276	Hierarchical mesoporous grape-like titania with superior recyclability and photoactivity. <i>Microporous and Mesoporous Materials</i> , 2007, 106, 278-283.	2.2	24
277	A mesoporous TiO <sub>2</sub> ·xN <sub>x</sub> photocatalyst prepared by sonication pretreatment and in situ pyrolysis. <i>Separation and Purification Technology</i> , 2009, 67, 152-157.	3.9	24
278	Removal of nitric oxide by the highly reactive anatase TiO <sub>2</sub> (001) surface: A density functional theory study. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 18-23.	5.0	24
279	A metal-free composite photocatalyst of graphene quantum dots deposited on red phosphorus. <i>Journal of Environmental Sciences</i> , 2017, 60, 91-97.	3.2	24
280	Determination of total gaseous selenium in atmosphere by honeycomb denuder/differential pulse cathodic stripping voltammetry. <i>Talanta</i> , 2002, 57, 323-331.	2.9	23
281	On-Demand Synthesis of H <sub>2</sub> O <sub>2</sub> by Water Oxidation for Sustainable Resource Production and Organic Pollutant Degradation. <i>Angewandte Chemie</i> , 2020, 132, 20719-20725.	1.6	23
282	Simultaneous Determination of Inorganic Anions and Organic Acids in Environmental Samples by Capillary Zone Electrophoresis with Indirect UV Detection. <i>Journal of High Resolution Chromatography</i> , 1999, 22, 379-385.	2.0	22
283	Hierarchically Ordered Silica Mesophases Using Mixed Surfactant Systems as Templates. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3844-3848.	7.2	21
284	Preconcentration using diethylenetriaminetetraacetic acid-functionalized polysiloxane (DETAP) for determination of molybdenum(VI) in seawater by ICP-OES. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 728-734.	1.9	21
285	Ultra-fast method to synthesize mesoporous magnetite nanoclusters as highly sensitive magnetic resonance probe. <i>Journal of Colloid and Interface Science</i> , 2012, 379, 1-7.	5.0	21
286	A Facile Surface-Etching Route to Thin Films of Metal Iodides. <i>Crystal Growth and Design</i> , 2007, 7, 262-267.	1.4	20
287	Direct encoding of silica submicrospheres with cadmium telluride nanocrystals. <i>Journal of Materials Chemistry</i> , 2009, 19, 7002.	6.7	20
288	Vertically aligned CdTe nanotube arrays on indium tin oxide for visible-light-driven photoelectrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 17-21.	10.8	20

#	ARTICLE	IF	CITATIONS
289	The preparation of a highly ordered long-range lamellar silica structure with large interlayer spacings Electronic supplementary information (ESI) available: Figs. S1–S3: XRD, adsorption-desorption isotherms and SEM image. See <a href="http://www.rsc.org/suppdata/cc/b2/b204053k/">http://www.rsc.org/suppdata/cc/b2/b204053k/</a> . <i>Chemical Communications</i> , 2002, 1614-1615.	2.2	19
290	Synthesis of surface-functionalized t-Se microspheres via a green wet-chemical route. <i>Journal of Materials Chemistry</i> , 2006, 16, 748-751.	6.7	19
291	Continuous Formation of Supported Unusual Mesoporous Silica Films by Sol-Gel Dip Coating. <i>Langmuir</i> , 2002, 18, 9570-9573.	1.6	18
292	Preparation, Characterization and Photocatalytic Performance of Ag/BiOX (X=Cl, Br, I) Composite Photocatalysts. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2012, 28, 647-653.	2.2	18
293	Photocatalytic Degradation of a Gaseous Organic Pollutant. <i>Journal of Chemical Education</i> , 1998, 75, 750.	1.1	16
294	Preparation and characterization of highly photoactive nanocrystalline TiO <sub>2</sub> powders by solvent evaporation-induced crystallization method. <i>Science in China Series B: Chemistry</i> , 2003, 46, 549.	0.8	16
295	Influence of solvation interactions on the zeta potential of titania powders. <i>Journal of Colloid and Interface Science</i> , 2003, 262, 97-100.	5.0	16
296	Large-scale in situ synthesis and characterization of ternary single-crystal NaV <sub>6</sub> O <sub>15</sub> nanoneedles. <i>Materials Chemistry and Physics</i> , 2007, 104, 362-366.	2.0	16
297	The sonochemical preparation of a mesoporous NiO/yttria stabilized zirconia composite. <i>Microporous and Mesoporous Materials</i> , 2003, 60, 91-97.	2.2	15
298	Hydrothermal Synthesis and Photocatalytic Performance of Bi <sub>2</sub> WO <sub>6</sub> /ZnO Heterojunction Photocatalysts. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2011, 26, 1157-1163.	0.6	15
299	Hetero-phase dendritic elemental phosphorus for visible light photocatalytic hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2022, 312, 121428.	10.8	15
300	Facile Decoring Route to Carbon Nano Test Tubes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 5830-5834.	1.5	14
301	Redox-responsive controlled DNA transfection and gene silencing based on polymer-conjugated magnetic nanoparticles. <i>RSC Advances</i> , 2016, 6, 72155-72164.	1.7	14
302	Hydrogen Peroxide Production from Water Oxidation on a CuWO <sub>4</sub> Anode in Oxygen-Deficient Conditions for Water Decontamination. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 7878-7887.	4.0	14
303	Simultaneous photocatalytic removal of ammonium and nitrite in water using Ce <sup>3+</sup> /Ag <sup>+</sup> modified TiO <sub>2</sub> . <i>Separation and Purification Technology</i> , 2009, 67, 244-248.	3.9	13
304	Photocatalysts for Solar-Induced Water Disinfection: New Developments and Opportunities. <i>Materials Science Forum</i> , 0, 734, 63-89.	0.3	13
305	Visible-light photocatalysis and charge carrier dynamics of elemental crystalline red phosphorus. <i>Journal of Chemical Physics</i> , 2020, 153, 024707.	1.2	13
306	ION CHROMATOGRAPHIC SEPARATION OF ANIONS AND CATIONS ON A TITANIA PACKED COLUMN. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 367-380.	0.5	12

#	ARTICLE	IF	CITATIONS
307	Nonaggregated Zinc Phthalocyanine in Mesoporous Nanocrystalline TiO <sub>2</sub> Thin Films. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1414-1418.	2.0	12
308	Soft nanohand grabs a growing nanoparticle. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1555-1564.	3.2	12
309	Photodriven Disproportionation of Nitrogen and Its Change to Reductive Nitrogen Photofixation. <i>Angewandte Chemie</i> , 2021, 133, 940-949.	1.6	12
310	Separation and Detection of Metal Ions in Ecological Samples by Capillary Zone Electrophoresis with Indirect UV Detection. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 511-514.	2.0	10
311	On the Origin of the Visible-Light Activity of Titanium Dioxide Doped with Carbonate Species. <i>ChemPhysChem</i> , 2010, 11, 3269-3272.	1.0	10
312	Speciation and distribution of trihalomethanes in the drinking water of Hong Kong. <i>Environment International</i> , 1999, 25, 605-611.	4.8	9
313	Synthesize of Cu <sub>2</sub> O-CuO/Sr <sub>3</sub> BiO <sub>5.4</sub> and its photocatalytic activity. <i>Applied Surface Science</i> , 2012, 258, 5955-5959.	3.1	9
314	Electronic Optimization by Coupling FeCo Nanoclusters and Pt Nanoparticles to Carbon Nanotubes for Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5895-5901.	3.2	9
315	Determination of lead in fine particulates by slurry sampling electrothermal atomic absorption spectrometry. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 369, 170-175.	1.5	8
316	A lamellar ceria structure with encapsulated platinum nanoparticles. <i>Nano Research</i> , 2008, 1, 474-482.	5.8	8
317	Porous upconversion materials-assisted near infrared energy harvesting by chlorophylls. <i>Chemical Communications</i> , 2011, 47, 3511.	2.2	8
318	Preparation and biomedical application of a non-polymer coated superparamagnetic nanoparticle. <i>International Journal of Nanomedicine</i> , 2007, 2, 805-12.	3.3	8
319	Potentiometric detection of ascorbate using a graphite carbon electrode. <i>Talanta</i> , 1999, 49, 661-665.	2.9	7
320	Comparison of Photocatalytic Oxidation and Ozonation in Degrading of Polycyclic Aromatic Hydrocarbons. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006, 12, 270-276.	1.7	7
321	Essential oil composition of the needles of <i>Abies nephrolepis</i> Maxim from China. <i>Flavour and Fragrance Journal</i> , 2005, 20, 534-536.	1.2	6
322	Monosteps on the Surfaces of Mesostructured Silica and Titania Thin Films. <i>Small</i> , 2010, 6, 1880-1885.	5.2	6
323	Advanced Photocatalytic Nanomaterials for Degrading Pollutants and Generating Fuels by Sunlight. <i>Green Energy and Technology</i> , 2011, , 679-716.	0.4	6
324	Azobenzene dendronized carbon nanoparticles: the effect of light antenna. <i>RSC Advances</i> , 2014, 4, 18193-18197.	1.7	6

#	ARTICLE	IF	CITATIONS
325	Gaining Hands-On Experience with Solid-State Photovoltaics through Constructing a Novel n-Si/CuS Solar Cell. <i>Journal of Chemical Education</i> , 2017, 94, 476-479.	1.1	6
326	Direct Hydrogen Peroxide Synthesis on a Sn-doped CuWO <sub>4</sub> /Sn Anode and an Air-Breathing Cathode. <i>Chemistry of Materials</i> , 2022, 34, 63-71.	3.2	6
327	Direct determination of mercury in atmospheric particulate matter by graphite plate filtration <sup>â€</sup> electrothermal atomic absorption spectrometry with Zeeman background correction. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2000, 55, 395-402.	1.5	4
328	The sonochemical preparation of lamellar MoO <sub>x</sub> . <i>Journal of Materials Chemistry</i> , 2003, 13, 2851.	6.7	4
329	Fibrous TiO <sub>2</sub> prepared by chemical vapor deposition using activated carbon fibers as template via adsorption, hydrolysis and calcinations. <i>Journal of Zhejiang University: Science A</i> , 2008, 9, 981-987.	1.3	4
330	Induced Crystallization of Rubrene in Thin <sup>â€</sup> Film Transistors ( <i>Adv. Mater.</i> 30/2010). <i>Advanced Materials</i> , 2010, 22, .	11.1	4
331	Photocatalytic Property of Phosphorus. <i>ACS Symposium Series</i> , 2019, , 155-177.	0.5	3
332	Determination of Manganese (II) in Foodstuffs by <sup>â€</sup> 2-Cyclodextrin Polymer Phase Spectrophotometry with 1-(2-Pyridylazo)-2-naphthol. <i>Supramolecular Chemistry</i> , 2002, 14, 373-378.	1.5	2
333	DETERMINATION OF COBALT IN FOODS BY <sup>â€</sup> 2-CYCLODEXTRIN POLYMER PHASE SPECTROPHOTOMETRY USING 2-(5-BROMO-2-PYRIDYLAZO)-5-DIETHYLAMINOPHENOL. <i>Analytical Letters</i> , 2002, 35, 825-835.	1.0	2
334	Preparation of a highly active nanocrystalline TiO <sub>2</sub> photocatalyst from titanium oxo cluster precursor. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2584-2584.	1.4	2
335	Hydrothermal Synthesis of a Novel Sodium Vanadium Bronze with Single-crystalline Nanobelt-like Morphology. <i>Chemistry Letters</i> , 2004, 33, 1612-1613.	0.7	2
336	Determination of Total Gaseous Lead in the Atmosphere by Honeycomb Denuder/Electrothermal Atomic Absorption Spectrometry. <i>Analytical Sciences</i> , 2005, 21, 1031-1036.	0.8	2
337	Biomimetic Synthesis of CaCO <sub>3</sub> Particles with Specific Size and Morphology. <i>Key Engineering Materials</i> , 2005, 280-283, 601-604.	0.4	2
338	A Novel Intermediate-Sacrificed Route to Polycrystalline Nanorods Consisting of Highly Oriented Quantum Dots of Cubic CdS. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 3112-3116.	0.9	2
339	Innen <sup>â€</sup> titelbild: An Elemental Phosphorus Photocatalyst with a Record High Hydrogen Evolution Efficiency ( <i>Angew. Chem.</i> 33/2016). <i>Angewandte Chemie</i> , 2016, 128, 9947-9947.	1.6	2
340	Nanostructured Elemental Photocatalysts: Development and Challenges. <i>Nanostructure Science and Technology</i> , 2016, , 295-312.	0.1	2
341	Dressing Plasmons in Nanoparticle-in-Quasi-Cavity Architectures for Trace-Level Surface-Enhanced Raman Spectroscopy Detection. <i>ACS Applied Nano Materials</i> , 2021, 4, 152-158.	2.4	2
342	Highly selective photocatalytic synthesis of ethylene-derived commodity chemicals on BiOBr nanosheets. <i>Materials Today Physics</i> , 2021, 21, 100551.	2.9	2

#	ARTICLE	IF	CITATIONS
343	Simultaneous determination of Co(II), Cr(VI), Ni(II) and Pb(II) in water by solvent extraction and high-field $^1\text{H}$ NMR Spectrometry. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 361, 210-213.	1.5	1
344	Systematic Synthesis and Characterization of Single-Crystal Lanthanide Orthophosphate Nanowires.. <i>ChemInform</i> , 2004, 35, no.	0.1	1
345	Potassium ion-mediated synthesis of highly water-soluble dendritically functionalized melanins. <i>New Journal of Chemistry</i> , 2014, 38, 3362.	1.4	1
346	Metallic Photocatalysts: Enhancing Charge Separation in Metallic Photocatalysts: A Case Study of the Conducting Molybdenum Dioxide (Adv. Funct. Mater. 25/2016). <i>Advanced Functional Materials</i> , 2016, 26, 4444-4444.	7.8	1
347	Photocatalysis: Effective Prevention of Charge Trapping in Graphitic Carbon Nitride with Nanosized Red Phosphorus Modification for Superior Photo(electro)catalysis (Adv. Funct. Mater. 46/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	1
348	Preparation, characterization, and photocatalytic properties of Pt/BiOCl nanoplates. <i>Chinese Journal of Catalysis</i> , 2014, 34, 385-390.	6.9	1
349	Electromagnetic Induction in Inductively Coupled Plasma. <i>Journal of Chemical Education</i> , 1998, 75, 316.	1.1	0
350	Microemulsion-Mediated Solvothermal Synthesis of Nanosized CdS-Sensitized TiO <sub>2</sub> Crystalline Photocatalyst.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
351	A Self-Seeded, Surfactant-Directed Hydrothermal Growth of Single Crystalline Lithium Manganese Oxide Nanobelts from the Commercial Bulky Particles.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
352	Pore-Wall Chemistry and Photocatalytic Activity of Mesoporous Titania Molecular Sieve Films.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
353	Sonochemical Synthesis of Aragonite-Type Calcium Carbonate with Different Morphologies.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
354	Porous Sr <sub>2</sub> CuWO <sub>6</sub> Nanoarchitectures Fabricated by a Matrix-mediated Route. <i>Chemistry Letters</i> , 2009, 38, 320-321.	0.7	0
355	VIRTUAL CLASSROOM AS A TOOL FOR ENVIRONMENTAL EDUCATION. , 2000, , .		0