Jerry J Wu

List of Publications by Year
in descending order

175 papers	5,586 citations	81900 39 h-index	106344 65 g-index
176 all docs	176 docs citations	176 times ranked	7485 citing authors

#	Article	IF	Citations
1	Synthesis of MOF/MoS2 composite photocatalysts with enhanced photocatalytic performance for hydrogen evolution from water splitting. International Journal of Hydrogen Energy, 2022, 47, 40755-40767.	7.1	10
2	Defective engineering of heterostructured N-Mo2C@MoO3-x electrode materials for the dual function of electrochemical sensing and supercapacitor applications. Electrochimica Acta, 2022, 408, 139964.	5.2	5
3	Oil spills adsorption and cleanup by polymeric materials: A review. Polymers for Advanced Technologies, 2022, 33, 1353-1384.	3.2	19
4	Defect-enriched heterointerfaces Nâ€“MoO2â€“Mo2C supported Pd nanocomposite as a novel multifunctional electrocatalyst for oxygen reduction reaction and overall water splitting. Materials Today Chemistry, 2022, 24, 100799.	3.5	8
5	Perovskite nanocomposite of defective yolk-shell BaHo2Co3O8-x for electrochemical sensing of ractopamine in pork meat sample. Materials Today Chemistry, 2022, 25, 100965.	3.5	3
6	Enhanced performance for photocatalytic hydrogen evolution using MoS2/graphene hybrids. International Journal of Hydrogen Energy, 2021, 46, 5938-5948.	7.1	23
7	Enhanced performance of charge storage supercapattery by dominant oxygen deficiency in crystal defects of 2-D MoO3-x nanoplates. Applied Surface Science, 2021, 541, 148676.	6.1	22
8	Platinum-free dye-sensitized solar cells by flower-like mixed-phase Co_xS_y/Ni_xS_y/Mo_xS_ycomposites. New Journal of Chemistry, 2021, 45, 1967-1976.	2.8	12
9	Laser-assisted decoration of carbon nanotubes with palladium nanoparticles for application in electrochemical methanol oxidation. Bulletin of Materials Science, 2021, 44, 1.	1.7	4
10	Rice grain like Bi2S3 nanorods and its photocatalytic performance. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 268, 115144.	3.5	8
11	Effective carbon dioxide sorption by using phyllosilicate anchored poly(quaternary-ammoniumhydroxidemethyl styrene) nanocomposites. Environmental Technology (United Kingdom), 2021, , 1-11.	2.2	0
12	Facile sonochemical synthesis of CdS/COF heterostructured nanocomposites and their enhanced photocatalytic degradation of Bisphenol-A. Separation and Purification Technology, 2021, 271, 118873.	7.9	42
13	Graphene nanosheets supported high-defective Pd nanocrystals as an efficient electrocatalyst for hydrogen evolution reaction. Chemical Engineering Journal, 2021, 425, 131526.	12.7	11
14	Fabrication of metal-doped BiOI/MOF composite photocatalysts with enhanced photocatalytic performance. International Journal of Hydrogen Energy, 2021, 46, 5949-5962.	7.1	37
15	Hierarchical N-Mo3C2/Mo2C nanohybrids and their superior supercapacitor performance in an ionic liquid electrolyte. Journal of Energy Storage, 2021, 44, 103317.	8.1	8
16	LaCoxFe1-XO3 (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 Td (altimg ultrasonic approach as photocatalysts. Ultrasonics Sonochemistry, 2021, 80, 105824.	8.2	8
17	Hydrothermal Synthesis of Co₃O₄/ZnCo₂O₄ Core-Shell Nanostructures for High-Performance Supercapacitors. Journal of the Electrochemical Society, 2021, 168, 123502.	2.9	5
18	Photocatalytic Hydrogen Evolution from Water Splitting Using Core-Shell Structured Cu/ZnS/COF Composites. Nanomaterials, 2021, 11, 3380.	4.1	12

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19	Enhanced photocatalytic hydrogen and methane evolution using chalcogenide with metal ion modification via a microwave-assisted solvothermal method. Catalysis Today, 2020, 355, 493-501.	4.4	6
20	Surfactant-assisted synthesis of copper oxide nanorods for the enhanced photocatalytic degradation of Reactive Black 5 dye in wastewater. Environmental Science and Pollution Research, 2020, 27, 17438-17445.	5.3	21
21	Pseudocapacitive properties of nickel oxide nanoparticles synthesized via ultrasonication approach. Ionics, 2020, 26, 953-960.	2.4	17
22	Synthesis of a novel hybrid anode nanoarchitecture of Bi2O3/porous-RGO nanosheets for high-performance asymmetric supercapacitor. Journal of Electroanalytical Chemistry, 2020, 856, 113489.	3.8	20
23	Synthesis of magnetite nanoparticles anchored cellulose and lignin-based carbon nanotube composites for rapid oil spill cleanup. Materials Today Communications, 2020, 22, 100746.	1.9	13
24	Preparation of ternary photocatalysts and their application in the degradation of 1,4-dioxane using O3/UV/photocatalyst process. Separation and Purification Technology, 2020, 235, 116194.	7.9	23
25	Microwave synthesis of metal-doped ZnS photocatalysts and applications on degrading 4-chlorophenol using heterogeneous photocatalytic ozonation process. Separation and Purification Technology, 2020, 237, 116469.	7.9	26
26	Facile synthesis of SnO2 nanoparticle intercalated unzipped multi-walled carbon nanotubes via an ultrasound-assisted route for symmetric supercapacitor devices. Sustainable Energy and Fuels, 2020, 4, 5120-5131.	4.9	4
27	Microwave-Assisted Solvothermal Synthesis of Chalcogenide Composite Photocatalyst and Its Photocatalytic CO2 Reduction Activity under Simulated Solar Light. Catalysts, 2020, 10, 789.	3.5	6
28	Preparation and Photocatalytic Properties of Heterostructured Ceria/Polyaniline Nanoparticles. Catalysts, 2020, 10, 732.	3.5	4
29	Ultrasonicâ€Assisted Preparation Of Perovskiteâ€Type Lanthanum Nickelate Nanostructures and Its Photocatalytic Properties. ChemistrySelect, 2020, 5, 7947-7958.	1.5	14
30	Ni3S4/CoS2 mixed-phase nanocomposite as counter electrode for Pt-free dye-sensitized solar cells. Journal of Power Sources, 2020, 478, 229068.	7.8	39
31	Synthesis of g-C3N4/BiVO4 heterojunction composites for photocatalytic degradation of nonylphenol ethoxylate. Separation and Purification Technology, 2020, 250, 117202.	7.9	42
32	Fabrication of molybdenum oxycarbide nanoparticles dispersed on nitrogen-doped carbon hollow nanotubes through anion exchange mechanism for enhanced performance in supercapacitor. Journal of Energy Storage, 2020, 27, 101122.	8.1	6
33	The Design of ZnO Nanorod Arrays Coated with MnOx for High Electrochemical Stability of a Pseudocapacitor Electrode. Nanomaterials, 2020, 10, 475.	4.1	18
34	Synthesis of Magnetite-Based Polymers as Mercury and Anion Sensors Using Single Electron Transfer-Living Radical Polymerization. ACS Omega, 2020, 5, 7201-7210.	3.5	3
35	Pseudocapacitive performance of Mn3O4â€“SnO2 hybrid nanoparticles synthesized via ultrasonication approach. Journal of Applied Electrochemistry, 2020, 50, 609-619.	2.9	13
36	Sonochemical Synthesis of Copper-doped BiVO4/g-C3N4 Nanocomposite Materials for Photocatalytic Degradation of Bisphenol A under Simulated Sunlight Irradiation. Nanomaterials, 2020, 10, 498.	4.1	22

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37	Synthesis of shape-controlled Pd nanocrystals on carbon nanospheres and electrocatalytic oxidation performance for ethanol and ethylene glycol. Applied Surface Science, 2020, 519, 146266.	6.1	18
38	Synthesis of 3D marigold flower-like rGO/BN/Ni(OH)₂ternary nanocomposites for supercapacitor applications. Sustainable Energy and Fuels, 2020, 4, 3090-3101.	4.9	14
39	Enhancing the photocatalytic hydrogen evolution of copper doped zinc sulfide nanoballs through surfactants modification. International Journal of Hydrogen Energy, 2019, 44, 30563-30573.	7.1	13
40	Ultrasound promoted transition metal doped polyaniline nanofibers: Enhanced electrode material for electrochemical energy storage applications. Ultrasonics Sonochemistry, 2019, 51, 469-477.	8.2	15
41	High Response CO Sensor Based on a Polyaniline/SnO2 Nanocomposite. Polymers, 2019, 11, 184.	4.5	47
42	SynthesisÂofÂMgTiO₃ÂNanoparticlesÂforÂPhotocatalyticÂApplications. ChemistrySelect, 2019, 4, 788-796.	1.5	20
43	Synthesis of ZnTiO₃@TiO₂ Heterostructure Nanomaterial as a Visible light Photocatalyst. ChemistrySelect, 2019, 4, 6106-6112.	1.5	8
44	Facile synthesis of perovskite LaFeO3 ferroelectric nanostructures for heavy metal ion removal applications. Materials Chemistry and Physics, 2019, 232, 200-204.	4.0	32
45	Synthesis, characterization and adsorption properties of Cu2V2O7 nanoparticles. Solid State Sciences, 2019, 92, 13-23.	3.2	10
46	Low- and High-Index Faceted Pd Nanocrystals Embedded in Various Oxygen-Deficient WOx Nanostructures for Electrocatalytic Oxidation of Alcohol (EOA) and Carbon Monoxide (CO). ACS Applied Materials & Interfaces, 2019, 11, 10028-10041.	8.0	25
47	MoS₂ coated CoS₂ nanocomposites as counter electrodes in Pt-free dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2019, 21, 25474-25483.	2.8	39
48	Sonochemical reduction method for synthesis of TiO2Pd nanocomposites and investigation of anode and cathode catalyst for ethanol oxidation and oxygen reduction reaction in alkaline medium. International Journal of Hydrogen Energy, 2019, 44, 30705-30718.	7.1	10
49	Photocatalytic and photoelectrocatalytic performance of sonochemically synthesized Cu2O@TiO2 heterojunction nanocomposites. Ultrasonics Sonochemistry, 2019, 51, 223-229.	8.2	53
50	MoS2 nanosheets based counter electrodes: An alternative for Pt-free dye-sensitized solar cells. Electrochimica Acta, 2019, 294, 134-141.	5.2	54
51	(In, Cu) Co-doped ZnS nanoparticles for photoelectrochemical hydrogen production. International Journal of Hydrogen Energy, 2019, 44, 110-117.	7.1	39
52	Synthesis of Metal/Metal Oxide Supported Reduced Graphene Oxide (RGO) for the Applications of Electrocatalysis and Supercapacitors. Carbon Nanostructures, 2019, , 1-48.	0.1	4
53	Facile synthesis of copper oxide microflowers for nonenzymatic glucose sensor applications. Materials Science in Semiconductor Processing, 2018, 82, 31-38.	4.0	40
54	Synthesis of Dandelionâ€"like CuO microspheres for photocatalytic degradation of reactive black-5. Materials Research Express, 2018, 5, 015053.	1.6	10

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55	Photocatalytic properties of hierarchical CuO nanosheets synthesized by a solution phase method. Journal of Environmental Sciences, 2018, 69, 115-124.	6.1	40
56	Fabrication of hierarchical bismuth oxyhalides (BiOX, X = Cl, Br, I) materials and application of photocatalytic hydrogen production from water splitting. Catalysis Today, 2018, 307, 197-204.	4.4	105
57	Sonochemical fabrication of reduced graphene oxide supported Au nano dendrites for ethanol electrooxidation in alkaline medium. Catalysis Today, 2018, 307, 308-317.	4.4	20
58	Sonochemical synthesis of Co2SnO4 nanocubes for supercapacitor applications. Ultrasonics Sonochemistry, 2018, 41, 435-440.	8.2	35
59	Synthesis of N-doped potassium tantalate perovskite material for environmental applications. Journal of Solid State Chemistry, 2018, 258, 647-655.	2.9	52
60	Electrochemical Sensor Using Molecular Imprinting Polymerization Modified Electrodes to Detect Methyl Parathion in Environmental Media. Electrocatalysis, 2018, 9, 1-9.	3.0	27
61	Sonochemical synthesis of Ga-doped ZnS nanoballs with enhanced photocatalytic activity for Orange II dye degradation in wastewater. International Journal of Nanotechnology, 2018, 15, 804.	0.2	2
62	Photocatalytic Degradation of Congo Red Using PbTiO₃ Nanorods Synthesized via a Sonochemical Approach. ChemistrySelect, 2018, 3, 11851-11858.	1.5	28
63	Hierarchical CuO microstructures synthesis for visible light driven photocatalytic degradation of Reactive Black-5 dye. Journal of Environmental Chemical Engineering, 2018, 6, 6059-6068.	6.7	18
64	Advanced Nanomaterials for Water Splitting and Hydrogen Generation. , 2018, , 145-167.		8
65	Low operating temperature CO sensor prepared using SnO2 nanoparticles. Journal of Electroceramics, 2018, 41, 28-36.	2.0	6
66	Facile ultrasound assisted synthesis of monodisperse spherical CuMn(OH) 3 NO 3 nanoparticles for energy storage applications. Journal of Alloys and Compounds, 2017, 699, 745-750.	5.5	13
67	Magnetic and catalytic properties of inverse spinel CuFe2O4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2017, 432, 437-443.	2.3	77
68	Crumpled Cu 2 O-g-C 3 N 4 nanosheets for hydrogen evolution catalysis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 527, 34-41.	4.7	41
69	Sonochemical synthesis of silver nanoparticles anchored reduced graphene oxide nanosheets for selective and sensitive detection of glutathione. Ultrasonics Sonochemistry, 2017, 39, 363-373.	8.2	60
70	Synthesis of Reduced Graphene Oxide Supported Flower-like Bismuth Subcarbonates Microsphere (Bi 2) Tj ETQq0 0 0 rgBT /Overlock 10	5.2	29
71	Recent developments in ZnS photocatalysts from synthesis to photocatalytic applications â€" A review. Powder Technology, 2017, 318, 8-22.	4.2	299
72	Sonochemical Synthesis of PdAg/RGO Nanocomposite as an Efficient Electrocatalyst for Both Ethanol Oxidation and Oxygen Reduction Reaction with High CO Tolerance. Electrocatalysis, 2017, 8, 430-441.	3.0	18

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73	Preparation of Dumbbell-like Er/ZnO Microrods with Efficient Energy Upconversion for the Catalytic Degradation of Tartaric Acid in Water. Topics in Catalysis, 2017, 60, 1359-1369.	2.8	5
74	Graphene Quantum Dots Anchored Gold Nanorods for Electrochemical Detection of Glutathione. ChemistrySelect, 2017, 2, 4744-4752.	1.5	11
75	High index surfaces of Au-nanocrystals supported on one-dimensional MoO3-nanorod as a bi-functional electrocatalyst for ethanol oxidation and oxygen reduction. Electrochimica Acta, 2017, 246, 75-88.	5.2	42
76	Photocatalytic degradation of tartrazine dye using CuO straw-sheaf-like nanostructures. Water Science and Technology, 2017, 75, 1421-1430.	2.5	32
77	Sonochemical Synthesis of Mg-TiO 2 nanoparticles for persistent Congo red dye degradation. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 559-569.	3.9	53
78	Amphiphilic Triblock Copolymer guided Polyaniline embraced CNT nanohybrid with outcropping whiskers as an energy storage electrode. Electrochimica Acta, 2017, 246, 737-747.	5.2	29
79	Highâ€Performance Electrocatalytic Activity of Palladiumâ€Copper Nanoalloy towards Methanol Electroâ€oxidation in an Alkaline Medium. Electroanalysis, 2017, 29, 433-440.	2.9	25
80	Hybrid SnO₂â€“Co₃O₄nanocubes prepared via a CoSn(OH)₆intermediate through a sonochemical route for energy storage applications. RSC Advances, 2016, 6, 33361-33368.	3.6	41
81	Chemiluminescence studies between aqueous phase synthesized mercaptosuccinic acid capped cadmium telluride quantum dots and luminol-H2O2. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 165, 138-144.	3.9	3
82	Sensitive electrochemical determination of dopamine and uric acid using AuNPs_(EDAS)â€“rGO nanocomposites. Analytical Methods, 2016, 8, 4379-4390.	2.7	21
83	Sonochemical Synthesis of Zinc Sulfide Photocatalysts and Their Environmental Applications. , 2016, , 867-899.		0
84	Facile synthesis of self-assembled biporous NiO and its electrochemical properties. Electronic Materials Letters, 2016, 12, 693-701.	2.2	5
85	Modified pyrene based organic sensitizers with thiophene-2-acetonitrile as Ï€-spacer for dye sensitized solar cell applications. Organic Electronics, 2016, 37, 326-335.	2.6	11
86	Gold Triangular Nanoprisms and Nanodecahedra: Synthesis and Interaction Studies with Luminol toward Biosensor Applications. Langmuir, 2016, 32, 11854-11860.	3.5	12
87	Synthesis of cyanovinyl thiophene with different acceptor containing organic dyes towards high efficient dye sensitized solar cells. Dyes and Pigments, 2016, 133, 222-231.	3.7	19
88	Insights into the binding of photothermal therapeutic agent bismuth sulfide nanorods with human serum albumin. RSC Advances, 2016, 6, 16215-16222.	3.6	9
89	Synthesis of morphology-controlled bismutite for selective applications. Physical Chemistry Chemical Physics, 2016, 18, 7768-7779.	2.8	28
90	Photocatalytic hydrogen evolution from water splitting using Cu doped ZnS microspheres under visible light irradiation. Renewable Energy, 2016, 89, 18-26.	8.9	127

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91	SnO2-decorated multiwalled carbon nanotubes and Vulcan carbon through a sonochemical approach for supercapacitor applications. Ultrasonics Sonochemistry, 2016, 29, 205-212.	8.2	39
92	Sonochemical Synthesis of Layered Copper Hydroxy Nitrate Nanosheets. ChemPhysChem, 2015, 16, 3389-3391.	2.1	28
93	Synthesis of Mn3O4 nanoparticles via chemical precipitation approach for supercapacitor application. Journal of Alloys and Compounds, 2015, 636, 234-240.	5.5	142
94	Simultaneous detection of dopamine and ascorbic acid using silicate network interlinked gold nanoparticles and multi-walled carbon nanotubes. Sensors and Actuators B: Chemical, 2015, 210, 731-741.	7.8	49
95	Ultrasound assisted synthesis of Mn3O4 nanoparticles anchored graphene nanosheets for supercapacitor applications. Electrochimica Acta, 2015, 156, 127-137.	5.2	78
96	Nanosized tantala based materials â€“ synthesis and applications. Materials Research Bulletin, 2015, 67, 20-46.	5.2	18
97	Effective Degradation of Fipronil Using Combined Catalytic Ozonation Processes. Ozone: Science and Engineering, 2015, 37, 186-190.	2.5	11
98	Electropolymerization of cobalto(5,10,15-tris(4-aminophenyl)-20-phenylporphyrin) for electrochemical detection of antioxidant-antipyrine. Journal of Porphyrins and Phthalocyanines, 2015, 19, 719-725.	0.8	4
99	Sonochemical Synthesis of Mesoporous NiTiO₃ Ilmenite Nanorods for the Catalytic Degradation of Tergitol in Water. Industrial & Engineering Chemistry Research, 2015, 54, 2983-2990.	3.7	44
100	Surfactant Assisted Synthesis of Copper Oxide Nanoparticles for Photocatalytic Degradation of Methylene Blue in the Presence of Visible Light. Energy and Environment Focus, 2015, 4, 250-255.	0.3	37
101	Improved Design of UV- and Blue-Light-Inhibited White Light-Emitting Diode. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	1
102	Microwave-Assisted Synthesis of BiOBr Microspheres for Photocatalytic Degradation of Tartaric Acids in Aqueous Solution. Topics in Catalysis, 2015, 58, 1100-1111.	2.8	15
103	Environmental Applications of ZnO Materials. Journal of Nanoscience and Nanotechnology, 2015, 15, 6900-6913.	0.9	33
104	Synthesis, Characterization of Î±-GaOOH Self-Assembly and Its Application in Removal of Perfluorinated Compounds. Journal of Nanoscience and Nanotechnology, 2015, 15, 6524-6532.	0.9	4
105	Photocatalyst ZnO-doped Bi2O3 powder prepared by spray pyrolysis. Powder Technology, 2015, 272, 316-321.	4.2	16
106	Catalytic activity evaluation of mesoporous Î±-GaOOH microspheres self-assembly. Journal of Industrial and Engineering Chemistry, 2015, 26, 348-353.	5.8	4
107	Synthesis of MoO3 nanoparticles for azo dye degradation by catalytic ozonation. Materials Research Bulletin, 2015, 62, 184-191.	5.2	112
108	Sonochemical Synthesis of Zinc Sulfide Photocatalysts and Their Environmental Applications. , 2015, , 1-33.		0

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109	Recent Developments in Homogeneous Advanced Oxidation Processes for Water and Wastewater Treatment. International Journal of Photoenergy, 2014, 2014, 1-21.	2.5	106
110	Mechanical Properties Measurement of Polymer Films by Bulge Test and Fringe Projection. Advances in Materials Science and Engineering, 2014, 2014, 1-12.	1.8	4
111	Sonochemically synthesized MnO2 nanoparticles as electrode material for supercapacitors. Ultrasonics Sonochemistry, 2014, 21, 1933-1938.	8.2	88
112	Catalytic ozonation of 2-ethoxy ethyl acetate using mesoporous nickel oxalates. Catalysis Communications, 2014, 43, 88-92.	3.3	15
113	Sonochemical synthesis and characterization of turbostratic MnNi(OH)₂ layered double hydroxide nanoparticles for supercapacitor applications. RSC Advances, 2014, 4, 55519-55523.	3.6	33
114	Recent Developments in Heterogeneous Catalyzed Environmental Remediation Processes. Journal of Nanoscience and Nanotechnology, 2014, 14, 1898-1910.	0.9	59
115	Exploration of (S)-4,5,6,7-tetrahydrobenzo[d]thiazole-2,6-diamine as feasible corrosion inhibitor for mild steel in acidic media. Journal of Environmental Chemical Engineering, 2014, 2, 463-470.	6.7	23
116	Sonochemical synthesis of carbon supported Sn nanoparticles and its electrochemical application. Ultrasonics Sonochemistry, 2014, 21, 1954-1957.	8.2	5
117	Copper containing photocatalyst based on F-TiO2 for hydroden production from water and water organic solution. Russian Journal of Inorganic Chemistry, 2014, 59, 291-297.	1.3	4
118	Sonochemical Synthesis of Hollow Copper Doped Zinc Sulfide Nanostructures: Optical and Catalytic Properties for Visible Light Assisted Photosplitting of Water. Industrial & Engineering Chemistry Research, 2014, 53, 8766-8772.	3.7	65
119	Ultrasound assisted synthesis of TiO2â€“WO3 heterostructures for the catalytic degradation of Tergitol (NP-9) in water. Ultrasonics Sonochemistry, 2014, 21, 1284-1288.	8.2	16
120	Hydrothermal Synthesis of Mesoporous Bi2O3/Co3O4 Microsphere and Photocatalytic Degradation of Orange II Dyes by Visible Light. Topics in Catalysis, 2013, 56, 623-629.	2.8	34
121	Low temperature synthesis of single crystal ZnO microflower composed of hexagonal nanorods. Materials Letters, 2013, 107, 64-67.	2.6	2
122	By-product assisted hydrothermal synthesis of InOOH microflower composed of nanosheets. Materials Letters, 2013, 98, 86-89.	2.6	8
123	Catalytic degradation of a plasticizer, di-ethylhexyl phthalate, using Nxâ€“TiO2â^'x nanoparticles synthesized via co-precipitation. Chemical Engineering Journal, 2013, 231, 182-189.	12.7	26
124	Synthesis of mesoporous Bi2O3/CeO2 microsphere for photocatalytic degradation of Orange II dye. Materials Research Bulletin, 2013, 48, 4174-4180.	5.2	38
125	Hydrothermal synthesis of coral-like Au/ZnO catalyst and photocatalytic degradation of Orange II dye. Materials Research Bulletin, 2013, 48, 2375-2382.	5.2	52
126	Preparation of Bismuth Oxide Photocatalyst and Its Application in White-light LEDs. Journal of Nanomaterials, 2013, 2013, 1-7.	2.7	12

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127	Photocatalytic degradation of ceftiofur sodium using Au loaded Bi2CuO4 nanoparticles. Journal of Molecular Catalysis A, 2013, 379, 112-116.	4.8	13
128	Solvothermal synthesis of mesoporous Î±-GaOOH semi-nanospheres. Materials Letters, 2013, 111, 137-139.	2.6	13
129	Sonochemical synthesis of manganese (II) hydroxide for supercapacitor applications. Materials Research Bulletin, 2013, 48, 3357-3361.	5.2	38
130	Mesoporous Microsphere of ZnS Photocatalysts Loaded with CuO or Mn₃O₄ for the Visible-Light-Assisted Photocatalytic Degradation of Orange II Dye. Industrial & Engineering Chemistry Research, 2013, 52, 11904-11912.	3.7	33
131	Fabrication and Photocatalytic Properties of Self-Assembled In(OH)₃ and In₂O₃ Nano/Micro-Cubes. Journal of Nanoscience and Nanotechnology, 2013, 13, 1639-1648.	0.9	3
132	Synthesis and Electrochemical Properties of Biporous <I>Î±</I>-Fe₂O₃ Superstructures. Journal of Nanoscience and Nanotechnology, 2013, 13, 6635-6643.	0.9	1
133	Synthesis of Nitrogen-Doped ZnS with Camellia Brushfield Yellow Nanostructures for Enhanced Photocatalytic Activity under Visible Light Irradiation. International Journal of Photoenergy, 2013, 2013, 1-7.	2.5	3
134	Synthesis of Pt Doped Bi₂O₃/RuO₂ Photocatalysts for Hydrogen Production from Water Splitting Using Visible Light. Journal of Nanoscience and Nanotechnology, 2012, 12, 5930-5936.	0.9	18
135	Sonochemical synthesis of CuO nanostructures with different morphology. Ultrasonics Sonochemistry, 2012, 19, 682-686.	8.2	153
136	Facile Fabrication of Tunable Bi₂O₃ Self-Assembly and Its Visible Light Photocatalytic Activity. Journal of Physical Chemistry C, 2012, 116, 12906-12915.	3.1	120
137	Investigation on photocatalytic potential of Auâ€“Ta2O5 semiconductor nanoparticle by degrading Methyl Orange in aqueous solution by illuminating with visible light. Catalysis Science and Technology, 2012, 2, 2502.	4.1	55
138	Controlled Fabrication of Î±-GaOOH and Î±-Ga₂O₃ Self-Assembly and Its Superior Photocatalytic Activity. Journal of Physical Chemistry C, 2012, 116, 44-53.	3.1	95
139	The synthesis of nano-silver/polypropylene plastics for antibacterial application. Current Applied Physics, 2012, 12, S89-S95.	2.4	31
140	Sonochemical synthesis of Bi2CuO4 nanoparticles for catalytic degradation of nonylphenol ethoxylate. Chemical Engineering Journal, 2012, 183, 46-52.	12.7	39
141	Synthesis of ZnO and Au tethered ZnO pyramid-like microflower for photocatalytic degradation of orange II. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 190-196.	3.5	36
142	Catalytic oxidation of phenol in the presence of iron-containing composites based on silicon and boron nitrides. Russian Journal of Applied Chemistry, 2012, 85, 41-45.	0.5	11
143	Characteristics of Polycyclic Aromatic Hydrocarbon Emissions of Particles of Various Sizes from Smoldering Incense. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 271-276.	2.7	13
144	Catalytic Ozonation of Oxalic Acid Using SrTiO₃Catalyst. Ozone: Science and Engineering, 2011, 33, 74-79.	2.5	20

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145	Amorphous Titania-Coated Magnetite Spherical Nanoparticles: Sonochemical Synthesis and Catalytic Degradation of Nonylphenol Ethoxylate. Industrial & Engineering Chemistry Research, 2011, 50, 7874-7881.	3.7	15
146	Facile Microwave-Combustion Synthesis of Wurtzite CdS Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 7940-7944.	0.9	14
147	Highly porous cellular copper as a catalyst for ozone oxidation of organic water pollutants. Russian Journal of Applied Chemistry, 2011, 84, 2046-2050.	0.5	0
148	Synthesis of CuO-ZnO nanophotocatalyst for visible light assisted degradation of a textile dye in aqueous solution. Chemical Engineering Journal, 2011, 171, 136-140.	12.7	246
149	Solvent Free Synthesis, Characterization and Catalytic Activity of Î±-Fe₂O₃ Nanomaterial. Advanced Science Letters, 2011, 4, 496-500.	0.2	1
150	Removal of Orange II Dye in Water by Visible Light Assisted Photocatalytic Ozonation Using Bi₂O₃and Au/Bi₂O₃Nanorods. Industrial & Engineering Chemistry Research, 2010, 49, 9729-9737.	3.7	130
151	Flux Assisted Shape Tunable Synthesis of Zinc Oxide Microflowers. Advanced Science Letters, 2010, 3, 491-495.	0.2	3
152	Microwave assisted rapid synthesis of Bi2O3 short nanorods. Materials Letters, 2009, 63, 2387-2389.	2.6	27
153	Effect of temperature on the formation of macroporous ZnO bundles and its application in photocatalysis. Journal of Hazardous Materials, 2009, 172, 700-706.	12.4	52
154	The oxidation study of 2-propanol using ozone-based advanced oxidation processes. Separation and Purification Technology, 2008, 62, 39-46.	7.9	42
155	Synthesis, characterization and catalytic activity of easily recyclable zinc oxide nanobundles. Applied Catalysis B: Environmental, 2008, 80, 32-41.	20.2	98
156	Oxidation of Propylene Glycol Methyl Ether Acetate Using Ozone-Based Advanced Oxidation Processes. Ozone: Science and Engineering, 2008, 30, 332-338.	2.5	5
157	Kinetics and Modeling of IPA Oxidation Using Ozone-Based Advanced Oxidation Processes. Industrial & Engineering Chemistry Research, 2008, 47, 1820-1827.	3.7	6
158	Catalytic Ozonation of Oxalic Acid Using Carbon-Free Rice Husk Ash Catalysts. Industrial & Engineering Chemistry Research, 2008, 47, 2919-2925.	3.7	20
159	Ozone-Based Advanced Oxidation Processes for the Decomposition of N-Methyl-2-Pyrolidone in Aqueous Medium. Ozone: Science and Engineering, 2007, 29, 177-183.	2.5	8
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