# Huimin Zhao

List of Publications by Year
in descending order

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|---|---|---|---|
| 113 papers | 7,334 citations | 53794 45 h-index | 56724 83 g-index |
| 115 all docs | 115 docs citations | 115 times ranked | 10398 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Multiple application of SAzyme based on carbon nitride nanorod-supported Pt single-atom for H2O2 detection, antibiotic detection and antibacterial therapy. Chemical Engineering Journal, 2022, 427, 131572. | 12.7 | 42 |
| 2 | 3D V2O5-MoS2/rGO nanocomposites with enhanced peroxidase mimicking activity for sensitive colorimetric determination of H2O2 and glucose. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 269, 120750. | 3.9 | 20 |
| 3 | Recent advances and perspectives of enzyme-based optical biosensing for organophosphorus pesticides detection. Talanta, 2022, 240, 123145. | 5.5 | 29 |
| 4 | Sensitive detection of quorum signaling molecules (N-acyl homoserine lactones) in activated sludge based on surface molecularly imprinted polymers on CQDs@MIL-101. Environmental Science: Water Research and Technology, 2022, 8, 1211-1222. | 2.4 | 2 |
| 5 | Adsorption performance and its mechanism of aqueous As (III) on polyporous calcined oyster shellâ€supported Feâ€Mn binary oxide. Water Environment Research, 2022, 94, e10714. | 2.7 | 2 |
| 6 | Enhanced Photocatalytic Production of H<sub>2</sub>O<sub>2</sub> through Regulation of Spatial Charge Transfer and Light Absorption over a MnIn<sub>2</sub>S<sub>4</sub>/WO<sub>3</sub> (Yb,) Tj ETQq0 0 0 rgBT /Overlock 10 | 6.7 | 20 |
| 7 | Activating the Basal Planes in 2Hâ€MoTe<sub>2</sub> Monolayers by Incorporating Singleâ€Atom Dispersed N or P for Enhanced Electrocatalytic Overall Water Splitting. Advanced Sustainable Systems, 2022, 6, . | 5.3 | 4 |
| 8 | Ultrasensitive sandwich-type photoelectrochemcial oxytetracycline sensing platform based on MnIn2S4/WO3 (Yb, Tm) functionalized rGO film. Journal of Electroanalytical Chemistry, 2022, 915, 116354. | 3.8 | 1 |
| 9 | Transition metal dichalcogenide-based mixed-dimensional heterostructures for visible-light-driven photocatalysis: Dimensionality and interface engineering. Nano Research, 2021, 14, 2003-2022. | 10.4 | 61 |
| 10 | Signal amplified sandwich-type photoelectrochemical sensing assay based on rGO-ZnIn2S4 functionalized Auâ€“WO3 IOPCs Z-scheme heterojunction. Electrochimica Acta, 2021, 365, 137382. | 5.2 | 10 |
| 11 | Prevalence of antibiotic resistance genes in wastewater collected from ornamental fish market in northern China. Environmental Pollution, 2021, 271, 116316. | 7.5 | 9 |
| 12 | Catalytic hairpin assembly indirectly covalent on Fe3O4@C nanoparticles with signal amplification for intracellular detection of miRNA. Talanta, 2021, 223, 121675. | 5.5 | 19 |
| 13 | <scp>WO<sub>3</sub></scp> Inversce Opal Photonic Crystals: Unique Property, Synthetic Methods and Extensive Application. Chinese Journal of Chemistry, 2021, 39, 1706-1715. | 4.9 | 8 |
| 14 | 2D Ti3C2Tx flakes prepared by in-situ HF etchant for simultaneous screening of carbamate pesticides. Journal of Colloid and Interface Science, 2021, 590, 365-374. | 9.4 | 38 |
| 15 | Highly sensitive detection of salvianic acid a drug by a novel electrochemical sensor based on HKUST-1 loaded on three-dimensional graphene-MWCNT composite. Journal of Pharmaceutical and Biomedical Analysis, 2021, 206, 114389. | 2.8 | 5 |
| 16 | Extending suitability of physisorption strategy in fluorescent platforms design: Surface passivation and covalent linkage on MOF nanosheets with enhanced OTC detection sensitivity. Sensors and Actuators B: Chemical, 2020, 303, 127230. | 7.8 | 18 |
| 17 | Selection and characterization of DNA aptamers for constructing colorimetric biosensor for detection of PBP2a. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117735. | 3.9 | 18 |
| 18 | Bimetallic Fe/Mn metal-organic-frameworks and Au nanoparticles anchored carbon nanotubes as a peroxidase-like detection platform with increased active sites and enhanced electron transfer. Talanta, 2020, 210, 120678. | 5.5 | 45 |

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|---|---|---|---|
| 19 | Efficient visible-light activation of molecular oxygen to produce hydrogen peroxide using P doped g-C<sub>3</sub>N<sub>4</sub> hollow spheres. Journal of Materials Chemistry A, 2020, 8, 22720-22727. | 10.3 | 59 |
| 20 | Environmental and intercellular Pb2+ ions determination based on encapsulated DNAzyme in nanoscale metal-organic frameworks. Mikrochimica Acta, 2020, 187, 608. | 5.0 | 14 |
| 21 | Propagation of antibiotic resistance genes in an industrial recirculating aquaculture system located at northern China. Environmental Pollution, 2020, 261, 114155. | 7.5 | 29 |
| 22 | Signal amplified photoelectrochemical assay based on Polypyrrole/g-C3N4/WO3 inverse opal photonic crystals triple heterojunction assembled through sandwich-type recognition model. Sensors and Actuators B: Chemical, 2020, 310, 127888. | 7.8 | 27 |
| 23 | Preparation of 3D assembly of mono layered molybdenum disulfide nanotubules for rapid screening of carbamate pesticide diethofencarb. Talanta, 2019, 204, 455-464. | 5.5 | 21 |
| 24 | Enhanced Electrochemiluminescence Detection for Hydrogen Peroxide Using Peroxidase-Mimetic Fe/N-Doped Porous Carbon. Journal of the Electrochemical Society, 2019, 166, B1594-B1601. | 2.9 | 16 |
| 25 | CNT-Modified MIL-88(NH2)-Fe for Enhancing DNA-Regulated Peroxidase-Like Activity. Journal of Analysis and Testing, 2019, 3, 238-245. | 5.1 | 7 |
| 26 | A bimetallic Co/Mn metalâ€“organic-framework with a synergistic catalytic effect as peroxidase for the colorimetric detection of H<sub>2</sub>O<sub>2</sub>. Analytical Methods, 2019, 11, 1111-1124. | 2.7 | 60 |
| 27 | Coupling O<sub>2</sub> and K<sub>2</sub>S<sub>2</sub>O<sub>8</sub> Dual Coâ€reactant with Feâ€Nâ€C Modified Electrode for Ultrasensitive Electrochemiluminescence Signal Amplification. ChemistrySelect, 2019, 4, 1673-1680. | 1.5 | 5 |
| 28 | Electrochemical Preparation of Gold Nanoparticles-Polypyrrole Co-Decorated 2D MoS<sub>2</sub> Nanocomposite Sensor for Sensitive Detection of Glucose. Journal of the Electrochemical Society, 2019, 166, B147-B154. | 2.9 | 48 |
| 29 | Understanding signal amplification strategies of nanostructured electrochemical sensors for environmental pollutants. Current Opinion in Electrochemistry, 2019, 17, 56-64. | 4.8 | 26 |
| 30 | Three-Dimensional Branched Crystal Carbon Nitride with Enhanced Intrinsic Peroxidase-Like Activity: A Hypersensitive Platform for Colorimetric Detection. ACS Applied Materials & Interfaces, 2019, 11, 17467-17474. | 8.0 | 29 |
| 31 | Signal amplified photoelectrochemical sensing platform with g-C3N4/inverse opal photonic crystal WO3 heterojunction electrode. Journal of Electroanalytical Chemistry, 2019, 840, 101-108. | 3.8 | 20 |
| 32 | A strategy for enhancing anaerobic digestion of waste activated sludge: Driving anodic oxidation by adding nitrate into microbial electrolysis cell. Journal of Environmental Sciences, 2019, 81, 34-42. | 6.1 | 8 |
| 33 | Non enzymatic fluorometric determination of glucose by using quenchable g-C3N4 quantum dots. Mikrochimica Acta, 2019, 186, 779. | 5.0 | 10 |
| 34 | Real Time Detection of Hazardous Hydroxyl Radical Using an Electrochemical Approach. ChemistrySelect, 2019, 4, 12507-12511. | 1.5 | 14 |
| 35 | Developmental perfluorooctane sulfonate exposure inhibits long-term potentiation by affecting AMPA receptor trafficking. Toxicology, 2019, 412, 55-62. | 4.2 | 10 |
| 36 | Covalent functionalization of MoS2 nanosheets synthesized by liquid phase exfoliation to construct electrochemical sensors for Cd (II) detection. Talanta, 2018, 182, 38-48. | 5.5 | 58 |

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|---|---|---|---|
| 37 | Enhanced adsorption of ionizable antibiotics on activated carbon fiber under electrochemical assistance in continuous-flow modes. Water Research, 2018, 134, 162-169. | 11.3 | 47 |
| 38 | MoS2 nanostructures for electrochemical sensing of multidisciplinary targets: A review. TrAC - Trends in Analytical Chemistry, 2018, 102, 75-90. | 11.4 | 138 |
| 39 | Voltammetric sensing based on the use of advanced carbonaceous nanomaterials: a review. Mikrochimica Acta, 2018, 185, 89. | 5.0 | 67 |
| 40 | Facile Ammonia Synthesis from Electrocatalytic N<sub>2</sub> Reduction under Ambient Conditions on N-Doped Porous Carbon. ACS Catalysis, 2018, 8, 1186-1191. | 11.2 | 520 |
| 41 | Enhancing nitrogen removal efficiency in a dyestuff wastewater treatment plant with the IFFAS process: the pilot-scale and full-scale studies. Water Science and Technology, 2018, 77, 70-78. | 2.5 | 7 |
| 42 | Roles of magnetite and granular activated carbon in improvement of anaerobic sludge digestion. Bioresource Technology, 2018, 249, 666-672. | 9.6 | 163 |
| 43 | Amphiphilic PA-induced three-dimensional graphene macrostructure with enhanced removal of heavy metal ions. Journal of Colloid and Interface Science, 2018, 512, 853-861. | 9.4 | 47 |
| 44 | Electrochemical Oxidation of Tannic Acid at ZIF-8 Induced Nitrogen Doped Porous Carbon Nanoframework Modified Electrode. Journal of the Electrochemical Society, 2018, 165, H1004-H1011. | 2.9 | 9 |
| 45 | Two-dimensional nanomaterial based sensors for heavy metal ions. Mikrochimica Acta, 2018, 185, 478. | 5.0 | 48 |
| 46 | Enhanced photocatalytic performance of a two-dimensional BiOIO3/g-C3N4 heterostructured composite with a Z-scheme configuration. Applied Catalysis B: Environmental, 2018, 237, 947-956. | 20.2 | 99 |
| 47 | Photoelectrochemical aptasensor for sulfadimethoxine using g-C3N4 quantum dots modified with reduced graphene oxide. Mikrochimica Acta, 2018, 185, 345. | 5.0 | 38 |
| 48 | Two-dimensional MoS2: A promising building block for biosensors. Biosensors and Bioelectronics, 2017, 89, 56-71. | 10.1 | 215 |
| 49 | Determination of Oxytetracycline by a Grapheneâ€"Gold Nanoparticle-Based Colorimetric Aptamer Sensor. Analytical Letters, 2017, 50, 544-553. | 1.8 | 26 |
| 50 | Poly(vinylidene fluoride) hollowâ€fiber membranes containing silver/graphene oxide dope with excellent filtration performance. Journal of Applied Polymer Science, 2017, 134, . | 2.6 | 21 |
| 51 | PEGylated molybdenum dichalcogenide (PEG-MoS<sub>2</sub>) nanosheets with enhanced peroxidase-like activity for the colorimetric detection of H<sub>2</sub>O<sub>2</sub>. New Journal of Chemistry, 2017, 41, 6700-6708. | 2.8 | 42 |
| 52 | A colorimetric aptasensor for sulfadimethoxine detection based on peroxidase-like activity of graphene/nickel@palladium hybrids. Analytical Biochemistry, 2017, 525, 92-99. | 2.4 | 46 |
| 53 | Selective Electrochemical Reduction of Carbon Dioxide to Ethanol on a Boronâ€•and Nitrogenâ€Coâ€doped Nanodiamond. Angewandte Chemie, 2017, 129, 15813-15817. | 2.0 | 196 |
| 54 | Selective Electrochemical Reduction of Carbon Dioxide to Ethanol on a Boronâ€•and Nitrogenâ€Coâ€doped Nanodiamond. Angewandte Chemie - International Edition, 2017, 56, 15607-15611. | 13.8 | 226 |

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|---|---|---|---|
| 55 | Innentitelbild: Selective Electrochemical Reduction of Carbon Dioxide to Ethanol on a Boronâ€•and Nitrogenâ€Coâ€doped Nanodiamond (Angew. Chem. 49/2017). Angewandte Chemie, 2017, 129, 15678-15678. | 2.0 | 1 |
| 56 | Fe<sub>3</sub>O<sub>4</sub>-AuNPs anchored 2D metalâ€“organic framework nanosheets with DNA regulated switchable peroxidase-like activity. Nanoscale, 2017, 9, 18699-18710. | 5.6 | 122 |
| 57 | Enhancement of anaerobic methanogenesis at a short hydraulic retention time via bioelectrochemical enrichment of hydrogenotrophic methanogens. Bioresource Technology, 2016, 218, 505-511. | 9.6 | 66 |
| 58 | Developmental perfluorooctane sulfonate exposure results in tau hyperphosphorylation and Î²-amyloid aggregation in adults rats: Incidence for link to Alzheimerâ€™s disease. Toxicology, 2016, 347-349, 40-46. | 4.2 | 18 |
| 59 | Three-Dimensional Graphene Supported Bimetallic Nanocomposites with DNA Regulated-Flexibly Switchable Peroxidase-Like Activity. ACS Applied Materials & Interfaces, 2016, 8, 9855-9864. | 8.0 | 89 |
| 60 | A versatile fluorescent biosensor based on target-responsive graphene oxide hydrogel for antibiotic detection. Biosensors and Bioelectronics, 2016, 83, 267-273. | 10.1 | 123 |
| 61 | Electrochemical reduction of carbon dioxide to formate with Fe-C electrodes in anaerobic sludge digestion process. Water Research, 2016, 106, 339-343. | 11.3 | 37 |
| 62 | Dynamic adsorption of ciprofloxacin on carbon nanofibers: Quantitative measurement by in situ fluorescence. Journal of Water Process Engineering, 2016, 9, e14-e20. | 5.6 | 61 |
| 63 | Enhancement of sludge granulation in hydrolytic acidogenesis by denitrification. Applied Microbiology and Biotechnology, 2016, 100, 3313-3320. | 3.6 | 14 |
| 64 | A visible and label-free colorimetric sensor for miRNA-21 detection based on peroxidase-like activity of graphene/gold-nanoparticle hybrids. Analytical Methods, 2016, 8, 2005-2012. | 2.7 | 57 |
| 65 | Effects of perfluorooctane sulfonate and its alternatives on long-term potentiation in the hippocampus CA1 region of adult rats in vivo. Toxicology Research, 2016, 5, 539-546. | 2.1 | 35 |
| 66 | An Electrochemical Sensor based on p-aminothiophenol/Au Nanoparticle-Decorated H TiS2 Nanosheets for Specific Detection of Picomolar Cu (II). Electrochimica Acta, 2016, 190, 480-489. | 5.2 | 18 |
| 67 | Nanocarbon-based membrane filtration integrated with electric field driving for effective membrane fouling mitigation. Water Research, 2016, 88, 285-292. | 11.3 | 89 |
| 68 | Evaluation on direct interspecies electron transfer in anaerobic sludge digestion of microbial electrolysis cell. Bioresource Technology, 2016, 200, 235-244. | 9.6 | 157 |
| 69 | Three-Dimensional Porous H<sub>x</sub>TiS<sub>2</sub> Nanosheetâ€“Polyaniline Nanocomposite Electrodes for Directly Detecting Trace Cu(II) Ions. Analytical Chemistry, 2015, 87, 5605-5613. | 6.5 | 39 |
| 70 | Fluorescent biosensor for sensitive analysis of oxytetracycline based on an indirectly labelled long-chain aptamer. RSC Advances, 2015, 5, 58895-58901. | 3.6 | 32 |
| 71 | Visible assay for glycosylase based on intrinsic catalytic ability of graphene/gold nanoparticles hybrids. Biosensors and Bioelectronics, 2015, 68, 7-13. | 10.1 | 37 |
| 72 | Effects of developmental perfluorooctane sulfonate exposure on spatial learning and memory ability of rats and mechanism associated with synaptic plasticity. Food and Chemical Toxicology, 2015, 76, 70-76. | 3.6 | 54 |

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|---|---|---|---|
| 73 | An electrochemical sensor for selective determination of sulfamethoxazole in surface water using a molecularly imprinted polymer modified BDD electrode. Analytical Methods, 2015, 7, 2693-2698. | 2.7 | 50 |
| 74 | Photochemical Formation of Hydroxylated Polybrominated Diphenyl Ethers (OH-PBDEs) from Polybrominated Diphenyl Ethers (PBDEs) in Aqueous Solution under Simulated Solar Light Irradiation. Environmental Science & Technology, 2015, 49, 9092-9099. | 10.0 | 35 |
| 75 | Perfluorooctane sulfonate induces apoptosis of hippocampal neurons in rat offspring associated with calcium overload. Toxicology Research, 2015, 4, 931-938. | 2.1 | 12 |
| 76 | Voltage-Gated Transport of Nanoparticles across Free-Standing All-Carbon-Nanotube-Based Hollow-Fiber Membranes. ACS Applied Materials & Interfaces, 2015, 7, 14620-14627. | 8.0 | 14 |
| 77 | DNA-modified graphene quantum dots as a sensing platform for detection of Hg<sup>2+</sup>in living cells. RSC Advances, 2015, 5, 39587-39591. | 3.6 | 43 |
| 78 | Improved Photocatalytic Performance of Heterojunction by Controlling the Contact Facet: High Electron Transfer Capacity between TiO<sub>2</sub> and the {110} Facet of BiVO<sub>4</sub> Caused by Suitable Energy Band Alignment. Advanced Functional Materials, 2015, 25, 3074-3080. | 14.9 | 164 |
| 79 | Efficient Mineralization of Perfluorooctanoate by Electro-Fenton with H<sub>2</sub>O<sub>2</sub> Electro-generated on Hierarchically Porous Carbon. Environmental Science & Technology, 2015, 49, 13528-13533. | 10.0 | 174 |
| 80 | Impact of dissolved organic matter on the photolysis of the ionizable antibiotic norfloxacin. Journal of Environmental Sciences, 2015, 27, 115-123. | 6.1 | 50 |
| 81 | Reduction of acute toxicity and genotoxicity of dye effluent using Fenton-coagulation process. Journal of Hazardous Materials, 2014, 274, 198-204. | 12.4 | 54 |
| 82 | Atomic single layer graphitic-C<sub>3</sub>N<sub>4</sub>: fabrication and its high photocatalytic performance under visible light irradiation. RSC Advances, 2014, 4, 624-628. | 3.6 | 152 |
| 83 | Ultrasensitive immunoassay of microcystins-LR using G-quadruplex DNAzyme as an electrocatalyst. International Journal of Environmental Analytical Chemistry, 2014, 94, 988-1000. | 3.3 | 9 |
| 84 | Porous metalâ€“organic framework MIL-100(Fe) as an efficient catalyst for the selective catalytic reduction of NO<sub>x</sub> with NH<sub>3</sub>. RSC Advances, 2014, 4, 48912-48919. | 3.6 | 80 |
| 85 | A ZIF-8-based platform for the rapid and highly sensitive detection of indoor formaldehyde. RSC Advances, 2014, 4, 36444-36450. | 3.6 | 26 |
| 86 | Electrochemically enhanced adsorption of PFOA and PFOS on multiwalled carbon nanotubes in continuous flow mode. Science Bulletin, 2014, 59, 2890-2897. | 1.7 | 17 |
| 87 | Photochemical transformation of 2,2â€²,4,4â€²-tetrabromodiphenyl ether (BDE-47) in surface coastal waters: Effects of chloride and ferric ions. Marine Pollution Bulletin, 2014, 86, 76-83. | 5.0 | 23 |
| 88 | Fabrication of atomic single layer graphitic-C3N4 and its high performance of photocatalytic disinfection under visible light irradiation. Applied Catalysis B: Environmental, 2014, 152-153, 46-50. | 20.2 | 394 |
| 89 | Electrochemical Biosensor for Detection of Perfluorooctane Sulfonate Based on Inhibition Biocatalysis of Enzymatic Fuel Cell. Electrochemistry, 2014, 82, 94-99. | 1.4 | 22 |
| 90 | Fluorescent assay for oxytetracycline based on a long-chain aptamer assembled onto reduced graphene oxide. Mikrochimica Acta, 2013, 180, 829-835. | 5.0 | 57 |

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|---|---|---|---|
| 91 | A graphene and multienzyme functionalized carbon nanosphere-based electrochemical immunosensor for microcystin-LR detection. Colloids and Surfaces B: Biointerfaces, 2013, 103, 38-44. | 5.0 | 44 |
| 92 | Boron and Nitrogen Codoped Nanodiamond as an Efficient Metal-Free Catalyst for Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2013, 117, 14992-14998. | 3.1 | 80 |
| 93 | Tuning the electrochemical properties of a boron and nitrogen codoped nanodiamond rod array to achieve high performance for both electro-oxidation and electro-reduction. Journal of Materials Chemistry A, 2013, 1, 14706. | 10.3 | 16 |
| 94 | A universal immunosensing strategy based on regulation of the interaction between graphene and graphene quantum dots. Chemical Communications, 2013, 49, 234-236. | 4.1 | 156 |
| 95 | Graphene oxide modified g-C<sub>3</sub>N<sub>4</sub>hybrid with enhanced photocatalytic capability under visible light irradiation. Journal of Materials Chemistry, 2012, 22, 2721-2726. | 6.7 | 687 |
| 96 | Photoelectrochemical immunoassay for microcystin-LR based on a fluorine-doped tin oxide glass electrode modified with a CdS-graphene composite. Mikrochimica Acta, 2012, 179, 163-170. | 5.0 | 39 |
| 97 | Stimuli-responsive peroxidase mimicking at a smart graphene interface. Chemical Communications, 2012, 48, 7055. | 4.1 | 76 |
| 98 | Interface Engineering Catalytic Graphene for Smart Colorimetric Biosensing. ACS Nano, 2012, 6, 3142-3151. | 14.6 | 270 |
| 99 | Gold modified microelectrode for direct tetracycline detection. Frontiers of Environmental Science and Engineering, 2012, 6, 313-319. | 6.0 | 23 |
| 100 | Enhanced photocatalytic degradation of tetracycline hydrochloride by molecular imprinted film modified TiO2 nanotubes. Science Bulletin, 2012, 57, 601-605. | 1.7 | 30 |
| 101 | Salt-controlled assembly of stacked-graphene for capturing fluorescence and its application in chemical genotoxicity screening. Journal of Materials Chemistry, 2011, 21, 15266. | 6.7 | 6 |
| 102 | Controllable oxidative DNA cleavage-dependent regulation of graphene/DNA interaction. Chemical Communications, 2011, 47, 4084. | 4.1 | 50 |
| 103 | In situ controllable growth of noble metal nanodot on graphene sheet. Journal of Materials Chemistry, 2011, 21, 12986. | 6.7 | 36 |
| 104 | Electrochemical Determination of Tetracycline Using Molecularly Imprinted Polymer Modified Carbon Nanotubeâ€Gold Nanoparticles Electrode. Electroanalysis, 2011, 23, 1863-1869. | 2.9 | 77 |
| 105 | Influence of Temperature and Oil Content on the Soil/Air Partition Coefficient for Hexachlorobenzene in Oil-Contaminated Rice Paddy Field Soil. Soil and Sediment Contamination, 2011, 20, 221-233. | 1.9 | 1 |
| 106 | Electrocatalytic dechlorination of 2,4,5-trichlorobiphenyl using an aligned carbon nanotubes electrode deposited with palladium nanoparticles. Science Bulletin, 2010, 55, 358-364. | 1.7 | 8 |
| 107 | Facile Method for Fabricating Boron-Doped TiO<sub>2</sub> Nanotube Array with Enhanced Photoelectrocatalytic Properties. Industrial & Engineering Chemistry Research, 2008, 47, 3804-3808. | 3.7 | 107 |
| 108 | Enhanced Photodegradation of PNP on Soil Surface under UV Irradiation with TiO2. Soil and Sediment Contamination, 2007, 16, 413-421. | 1.9 | 16 |

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|---|---|---|---|
| 109 | TiO<sub>2</sub>â^'Multiwalled Carbon Nanotube Heterojunction Arrays and Their Charge Separation Capability. Journal of Physical Chemistry C, 2007, 111, 12987-12991. | 3.1 | 222 |
| 110 | Fabrication of needle-like ZnO nanorods arrays by a low-temperature seed-layer growth approach in solution. Applied Physics A: Materials Science and Processing, 2007, 89, 673-679. | 2.3 | 11 |
| 111 | Preparation of Zn-doped TiO2 nanotubes electrode and its application in pentachlorophenol photoelectrocatalytic degradation. Science Bulletin, 2007, 52, 1456-1461. | 1.7 | 52 |
| 112 | Degradation of p-nitrophenol in aqueous solution by microwave assisted oxidation process through a granular activated carbon fixed bed. Water Research, 2006, 40, 3061-3068. | 11.3 | 114 |
| 113 | Preparation and characterization of aligned carbon nanotubes coated with titania nanoparticles. Science Bulletin, 2006, 51, 2294-2296. | 1.7 | 14 |