

# Chun Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6653506/publications.pdf>

Version: 2024-02-01

209  
papers

15,860  
citations

13099  
68  
h-index

19190  
118  
g-index

214  
all docs

214  
docs citations

214  
times ranked

12237  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Sustainable micro-activation of dissolved oxygen driving pollutant conversion on Mo-enhanced zinc sulfide surface in natural conditions. <i>Fundamental Research</i> , 2023, 3, 422-429.  | 3.3  | 7         |
| 2  | Graphitized Cu- $\beta$ -cyclodextrin polymer driving an efficient dual-reaction-center Fenton-like process by utilizing electrons of pollutants for water purification. <i>Journal of Environmental Sciences</i> , 2023, 126, 565-574.   | 6.1  | 9         |
| 3  | Enhanced Fenton-like process via interfacial electron donating of pollutants over in situ Cobalt-doped graphitic carbon nitride. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 673-682.  | 9.4  | 16        |
| 4  | Contribution of extracellular polymeric substances and microbial community on the safety of drinking water quality: By mean of Cu/activated carbon biofiltration. <i>Chemosphere</i> , 2022, 286, 131686.   | 8.2  | 5         |
| 5  | BiO(OH) $\times$ 1-x solid solution with rich oxygen vacancies: interlayer guest hydroxyl for improved photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 1-12.  | 9.4  | 7         |
| 6  | CoO anchored on boron nitride nanobelts for efficient removal of water contaminants by peroxymonosulfate activation. <i>Chemical Engineering Journal</i> , 2022, 430, 132915.   | 12.7 | 2         |
| 7  | Enhanced internal electric field in S-doped BiOBr for intercalation, adsorption and degradation of ciprofloxacin by photoinitiation. <i>Applied Catalysis B: Environmental</i> , 2022, 302, 120824.   | 20.2 | 75        |
| 8  | Enhanced photocatalytic efficiency by direct photoexcited electron transfer from pollutants adsorbed on the surface valence band of BiOBr modified with graphitized C. <i>Journal of Hazardous Materials</i> , 2022, 424, 127502.   | 12.4 | 22        |
| 9  | Engineering the low-coordinated single cobalt atom to boost persulfate activation for enhanced organic pollutant oxidation. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120877.  | 20.2 | 54        |
| 10 | Inhibiting the increase of antibiotic resistance genes during drinking water distribution by superior microbial interface using Fe modified granular activated carbon. <i>Journal of Cleaner Production</i> , 2022, 335, 130225.  | 9.3  | 14        |
| 11 | Effects of cast iron pipe corrosion on nitrogenous disinfection by-products formation in drinking water distribution systems via interaction among iron particles, biofilms, and chlorine. <i>Chemosphere</i> , 2022, 292, 133364.  | 8.2  | 9         |
| 12 | Surface-Confined Destruction of Pollutants with H <sub>2</sub> O <sub>2</sub> Assistance over CuO@CuOx-N-Graphitic Carbon Suspensions. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1366-1375.   | 3.1  | 2         |
| 13 | Rapid pollutant degradation by peroxymonosulfate <i>via</i> an unusual mediated-electron transfer pathway under spatial-confinement. <i>RSC Advances</i> , 2022, 12, 5236-5244.   | 3.6  | 9         |
| 14 | Ultrathin Bi <sub>4</sub> O <sub>5</sub> Br <sub>2</sub> nanosheets with surface oxygen vacancies and strong interaction with Bi <sub>2</sub> O <sub>3</sub> CO <sub>3</sub> for highly efficient removal of water contaminants. <i>Environmental Science: Nano</i> , 2022, 9, 1341-1352. | 4.3  | 5         |
| 15 | Detoxification and selective separation of Cr(VI) and As(III) in wastewater based on interfacial coupling in BiOBr with {110} facet under visible-light irradiation. <i>Applied Catalysis B: Environmental</i> , 2022, 307, 121192.   | 20.2 | 24        |
| 16 | Surface sulfur vacancies enhanced electron transfer over Co-ZnS quantum dots for efficient degradation of plasticizer micropollutants by peroxymonosulfate activation. <i>Chinese Chemical Letters</i> , 2022, 33, 3829-3834.   | 9.0  | 19        |
| 17 | Boosting the Extra Generation of Superoxide Radicals on Graphitic Carbon Nitride with Carbon Vacancies by the Modification of Pollutant Adsorption for High-Performance Photocatalytic Degradation. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1296-1305.                                 | 7.6  | 8         |
| 18 | Enhanced $\cdot$ OH generation and pollutants removal by framework Cu doped LaAlO <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> . <i>Journal of Hazardous Materials</i> , 2022, 431, 128578.   | 12.4 | 12        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | ŒŒ conjugation driving degradation of aromatic compounds with in-situ hydrogen peroxide generation over Zn <sub>2</sub> In <sub>2</sub> S <sub>5</sub> grown on nitrogen-doped carbon spheres. Applied Catalysis B: Environmental, 2022, 310, 121298.        | 20.2 | 25        |
| 20 | Carbonized MOF-Coated Zero-Valent Cu Driving an Efficient Dual-Reaction-Center Fenton-like Water Treatment Process through Utilizing Pollutants and Natural Dissolved Oxygen. ACS ES&T Water, 2022, 2, 174-183.  | 4.6  | 25        |
| 21 | Peroxymonosulfate as inducer driving interfacial electron donation of pollutants over oxygen-rich carbonŒnitrogen graphene-like nanosheets for water treatment. Journal of Colloid and Interface Science, 2022, 622, 272-283.                                | 9.4  | 8         |
| 22 | Efficient destruction of humic acid with a self-purification process in an Fe <sub>0</sub> -Fe <sub>3</sub> C <sub>2</sub> /Fe <sub>3</sub> -GZIF-8-rGO aqueous suspension. Chemical Engineering Journal, 2022, 446, 136625.                                 | 12.7 | 4         |
| 23 | Origin of the Excellent Activity and Selectivity of a Single-Atom Copper Catalyst with Unsaturated Cu-N <sub>2</sub> Sites via Peroxydisulfate Activation: Cu(III) as a Dominant Oxidizing Species. Environmental Science & Technology, 2022, 56, 8765-8775. | 10.0 | 77        |
| 24 | Few-layered Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> nanosheets enclosed by {1 0Œ1} facets with oxygen vacancies for highly-efficient removal of water contaminants. Journal of Hazardous Materials, 2022, 437, 129274.                                 | 12.4 | 10        |
| 25 | Coordination Number Dependent Catalytic Activity of SingleŒAtom Cobalt Catalysts for FentonŒlike Reaction. Advanced Functional Materials, 2022, 32, .  | 14.9 | 87        |
| 26 | Nanoconfinement-Regulated Peroxymonosulfate Activation via an Anomalously Efficient Mediated Electron-Transfer Pathway on Cobalt. ACS ES&T Engineering, 2022, 2, 2014-2022.  | 7.6  | 19        |
| 27 | Nitrogen-Coordinated Cobalt Embedded in a Hollow Carbon Polyhedron for Superior Catalytic Oxidation of Organic Contaminants with Peroxymonosulfate. ACS ES&T Engineering, 2021, 1, 76-85.  | 7.6  | 48        |
| 28 | Enhanced Fenton-like efficiency by the synergistic effect of oxygen vacancies and organics adsorption on Fe <sub>3</sub> O <sub>4</sub> -g-C <sub>3</sub> N <sub>4</sub> with FeŒN complexation. Journal of Hazardous Materials, 2021, 408, 124818.          | 12.4 | 31        |
| 29 | Vanadium tetrasulfide cross-linking graphene-like carbon driving a sustainable electron supply chain from pollutants through the activation of dissolved oxygen and hydrogen peroxide. Environmental Science: Nano, 2021, 8, 86-96.                          | 4.3  | 15        |
| 30 | More octahedral Cu <sup>+</sup> and surface acid sites in uniformly porous Cu-Al <sub>2</sub> O <sub>3</sub> for enhanced Fenton catalytic performances. Journal of Hazardous Materials, 2021, 406, 124739.  | 12.4 | 23        |
| 31 | Enhancing inhibition of disinfection byproducts formation and opportunistic pathogens growth during drinking water distribution by Fe <sub>2</sub> O <sub>3</sub> /Coconut shell activated carbon. Environmental Pollution, 2021, 268, 115838.               | 7.5  | 4         |
| 32 | Improving the charge properties of the WO <sub>3</sub> photoanode using a BiFeO <sub>3</sub> ferroelectric nanolayer. Physical Chemistry Chemical Physics, 2021, 23, 8241-8245.  | 2.8  | 11        |
| 33 | Heterogeneous Fenton-like reaction followed by GAC filtration improved removal efficiency of NOM and DBPs without adjusting pH. Separation and Purification Technology, 2021, 260, 118234.   | 7.9  | 20        |
| 34 | Unraveling the High-Activity Origin of Single-Atom Iron Catalysts for Organic Pollutant Oxidation via Peroxymonosulfate Activation. Environmental Science & Technology, 2021, 55, 8318-8328.   | 10.0 | 198       |
| 35 | CationŒŒ structure inducing efficient peroxymonosulfate activation for pollutant degradation over atomically dispersed cobalt bonding graphene-like nanospheres. Applied Catalysis B: Environmental, 2021, 286, 119912.                                      | 20.2 | 71        |
| 36 | Exfoliated and plicated g-C <sub>3</sub> N <sub>4</sub> nanosheets for efficient photocatalytic organic degradation and hydrogen evolution. International Journal of Hydrogen Energy, 2021, 46, 20547-20559.   | 7.1  | 34        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Efficient Decomposition of Organic Pollutants over nZVI/FeO <sub>x</sub> /FeN <sub>y</sub> -Anchored NC Layers via a Novel Dual-Reaction-Centers-Based Wet Air Oxidation Process under Natural Conditions. ACS ES&T Engineering, 2021, 1, 1333-1341. | 7.6  | 17        |
| 38 | Œœ conjugation driving peroxymonosulfate activation for pollutant elimination over metal-free graphitized polyimide surface. Journal of Hazardous Materials, 2021, 412, 125191.  | 12.4 | 13        |
| 39 | Destruction of microbial stability in drinking water distribution systems by trace phosphorus polluted water source. Chemosphere, 2021, 275, 130032.   | 8.2  | 5         |
| 40 | Cation-Œœ induced surface cleavage of organic pollutants with â€œOH formation from H2O for water treatment. IScience, 2021, 24, 102874.  | 4.1  | 20        |
| 41 | Efficient light-free activation of peroxymonosulfate by carbon ring conjugated carbon nitride for elimination of organic pollutants. Chemical Engineering Journal, 2021, 420, 129671.  | 12.7 | 24        |
| 42 | H2O2 inducing dissolved oxygen activation and electron donation of pollutants over Fe-ZnS quantum dots through surface electron-poor/rich microregion construction for water treatment. Journal of Hazardous Materials, 2021, 420, 126579.           | 12.4 | 22        |
| 43 | Enhancing photocatalytic performance by direct photo-excited electron transfer from organic pollutants to low-polymerized graphitic carbon nitride with more C-NH/NH2 exposure. Applied Catalysis B: Environmental, 2021, 296, 120316.               | 20.2 | 26        |
| 44 | The control of red water occurrence and opportunistic pathogens risks in drinking water distribution systems: A review. Journal of Environmental Sciences, 2021, 110, 92-98.   | 6.1  | 17        |
| 45 | Enhanced polarization of electron-poor/rich micro-centers over nZVCu-Cu(II)-rGO for pollutant removal with H2O2. Journal of Hazardous Materials, 2020, 383, 121182.  | 12.4 | 61        |
| 46 | Highly nitrogen-doped porous carbon transformed from graphitic carbon nitride for efficient metal-free catalysis. Journal of Hazardous Materials, 2020, 393, 121280.   | 12.4 | 105       |
| 47 | Efficient solar hydrogen production coupled with organics degradation by a hybrid tandem photocatalytic fuel cell using a silicon-doped TiO2 nanorod array with enhanced electronic properties. Journal of Hazardous Materials, 2020, 394, 121425.   | 12.4 | 38        |
| 48 | Two-dimensional graphene/g-C3N4 in-plane hybrid heterostructure for enhanced photocatalytic activity with surface-adsorbed pollutants assistant. Applied Catalysis B: Environmental, 2020, 268, 118397.  | 20.2 | 71        |
| 49 | Effects of disinfection efficiency on microbial communities and corrosion processes in drinking water distribution systems simulated with actual running conditions. Journal of Environmental Sciences, 2020, 88, 273-282.                           | 6.1  | 21        |
| 50 | Enhanced Fenton-like catalytic performance of Cu-Al/KIT-6 and the key role of O2 in triggering reaction. Chemical Engineering Journal, 2020, 387, 124006.  | 12.7 | 15        |
| 51 | Porous Œ2-Bi2O3 with multiple vacancy associates on highly exposed active {220} facets for enhanced photocatalytic activity. Applied Catalysis B: Environmental, 2020, 265, 118563.  | 20.2 | 62        |
| 52 | Insights into the difference in metal-free activation of peroxymonosulfate and peroxydisulfate. Chemical Engineering Journal, 2020, 394, 123936.   | 12.7 | 63        |
| 53 | Highly Efficient Hydrogen and Electricity Production Combined with Degradation of Organics Based on a Novel Solar Water-Energy Nexus System. ACS Applied Materials & Interfaces, 2020, 12, 2505-2515.  | 8.0  | 20        |
| 54 | Construction of g-C3N4/WO3/MoS2 ternary nanocomposite with enhanced charge separation and collection for efficient wastewater treatment under visible light. Chemosphere, 2020, 247, 125784.   | 8.2  | 80        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | <sc>Ascorbic acid oxygen-induced micro-electronic fields over metal-free polyimide for peroxymonosulfate activation to realize efficient multi-pathway destruction of contaminants. Journal of Materials Chemistry A, 2020, 8, 810-819.              | 10.3 | 31        |
| 56 | New Insights into the Generation of Singlet Oxygen in the Metal-Free Peroxymonosulfate Activation Process: Important Role of Electron-Deficient Carbon Atoms. Environmental Science & Technology, 2020, 54, 1232-1241.                               | 10.0 | 400       |
| 57 | Self-assembled synthesis of benzene-ring-grafted g-C <sub>3</sub> N <sub>4</sub> nanotubes for enhanced photocatalytic H <sub>2</sub> evolution. Applied Catalysis B: Environmental, 2020, 279, 119401.  | 20.2 | 104       |
| 58 | Simple Amphoteric Charge Strategy to Reinforce Superhydrophilic Polyvinylidene Fluoride Membrane for Highly Efficient Separation of Various Surfactant-Stabilized Oil-in-Water Emulsions. ACS Applied Materials & Interfaces, 2020, 12, 47018-47028. | 8.0  | 52        |
| 59 | The interaction of surface electron distribution-polarized Fe/polyimide hybrid nanosheets with organic pollutants driving a sustainable Fenton-like process. Materials Advances, 2020, 1, 1083-1091.   | 5.4  | 9         |
| 60 | Dual-reaction-center catalytic process continues Fenton's story. Frontiers of Environmental Science and Engineering, 2020, 14, 1.  | 6.0  | 36        |
| 61 | Mesoporous reduction state cobalt species-doped silica nanospheres: An efficient Fenton-like catalyst for dual-pathway degradation of organic pollutants. Journal of Colloid and Interface Science, 2020, 576, 59-67.                                | 9.4  | 22        |
| 62 | Enhanced photocatalytic destruction of pollutants by surface W vacancies in VW-Bi <sub>2</sub> WO <sub>6</sub> under visible light. Journal of Colloid and Interface Science, 2020, 576, 385-393.  | 9.4  | 23        |
| 63 | Efficient Fenton-like Process for Pollutant Removal in Electron-Rich/Poor Reaction Sites Induced by Surface Oxygen Vacancy over Cobalt-Zinc Oxides. Environmental Science & Technology, 2020, 54, 8333-8343.   | 10.0 | 137       |
| 64 | Surface oxygen vacancy inducing peroxymonosulfate activation through electron donation of pollutants over cobalt-zinc ferrite for water purification. Applied Catalysis B: Environmental, 2020, 270, 118874.   | 20.2 | 207       |
| 65 | General synthesis of carbon and oxygen dual-doped graphitic carbon nitride via copolymerization for non-photochemical oxidation of organic pollutant. Journal of Hazardous Materials, 2020, 394, 122578.   | 12.4 | 71        |
| 66 | Tailoring aromatic ring-terminated edges of g-C <sub>3</sub> N <sub>4</sub> nanosheets for efficient photocatalytic hydrogen evolution with simultaneous antibiotic removal. Catalysis Science and Technology, 2020, 10, 5470-5479.                  | 4.1  | 16        |
| 67 | Hierarchically Active Poly(vinylidene fluoride) Membrane Fabricated by In Situ Generated Zero-Valent Iron for Fouling Reduction. ACS Applied Materials & Interfaces, 2020, 12, 10993-11004.  | 8.0  | 49        |
| 68 | Efficient removal of disinfection by-products precursors and inhibition of bacterial detachment by strong interaction of EPS with coconut shell activated carbon in ozone/biofiltration. Journal of Hazardous Materials, 2020, 392, 122077.          | 12.4 | 38        |
| 69 | Enhanced Cr(VI) reduction by direct transfer of photo-generated electrons to Cr 3d orbitals in CrO <sub>4</sub> <sup>2-</sup> -intercalated BiOBr with exposed (110) facets. Applied Catalysis B: Environmental, 2020, 277, 119065.                  | 20.2 | 55        |
| 70 | One-year survey of opportunistic premise plumbing pathogens and free-living amoebae in the tap-water of one northern city of China. Journal of Environmental Sciences, 2019, 77, 20-31.  | 6.1  | 46        |
| 71 | O <sub>3</sub> -BAC-Cl <sub>2</sub> : A multi-barrier process controlling the regrowth of opportunistic waterborne pathogens in drinking water distribution systems. Journal of Environmental Sciences, 2019, 76, 142-153.                           | 6.1  | 19        |
| 72 | Enhanced azo dye decolorization through charge transmission by I <sup>-</sup> /Sb <sup>3+</sup> -azo complexes on amorphous Sb <sub>2</sub> S <sub>3</sub> under visible light irradiation. Applied Catalysis B: Environmental, 2019, 240, 132-140.  | 20.2 | 45        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 73 | Accelerated degradation of pollutants via a close interface connection in heterojunction, and special solid-liquid interactions. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 598-605.  | 9.4  | 3         |
| 74 | Efficient inhibition of photogenerated electron-hole recombination through persulfate activation and dual-pathway degradation of micropollutants over iron molybdate. <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117904.  | 20.2 | 79        |
| 75 | Facile synthesis of nitrogen-deficient mesoporous graphitic carbon nitride for highly efficient photocatalytic performance. <i>Applied Surface Science</i> , 2019, 478, 304-312.  | 6.1  | 68        |
| 76 | Efficient Fenton-like process for organic pollutant degradation on Cu-doped mesoporous polyimide nanocomposites. <i>Environmental Science: Nano</i> , 2019, 6, 798-808.   | 4.3  | 49        |
| 77 | Enhanced photocatalytic performance by the synergy of Bi vacancies and BiO in BiO-Bi <sub>2</sub> MoO <sub>6</sub> . <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117785.   | 20.2 | 60        |
| 78 | Efficient Fenton-like Process Induced by Fortified Electron-Rich O Microcenter on the Reduction State Cu-Doped CNO Polymer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 16496-16505.  | 8.0  | 59        |
| 79 | Internal electric field construction on dual oxygen group-doped carbon nitride for enhanced photodegradation of pollutants under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117705.  | 20.2 | 74        |
| 80 | In situ generation and efficient activation of H <sub>2</sub> O <sub>2</sub> for pollutant degradation over CoMoS <sub>2</sub> nanosphere-embedded rGO nanosheets and its interfacial reaction mechanism. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 214-224. | 9.4  | 47        |
| 81 | Enhanced photodegradation of toxic organic pollutants using dual-oxygen-doped porous g-C <sub>3</sub> N <sub>4</sub> : Mechanism exploration from both experimental and DFT studies. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 1-10.                               | 20.2 | 291       |
| 82 | Framework Cu-doped boron nitride nanobelts with enhanced internal electric field for effective Fenton-like removal of organic pollutants. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6946-6956.   | 10.3 | 54        |
| 83 | One-step scalable synthesis of honeycomb-like g-C <sub>3</sub> N <sub>4</sub> with broad sub-bandgap absorption for superior visible-light-driven photocatalytic hydrogen evolution. <i>RSC Advances</i> , 2019, 9, 32674-32682.  | 3.6  | 20        |
| 84 | Effect of sequential UV/free chlorine disinfection on opportunistic pathogens and microbial community structure in simulated drinking water distribution systems. <i>Chemosphere</i> , 2019, 219, 971-980.  | 8.2  | 64        |
| 85 | Response of microorganisms in biofilm to sulfadiazine and ciprofloxacin in drinking water distribution systems. <i>Chemosphere</i> , 2019, 218, 197-204.  | 8.2  | 48        |
| 86 | Effects of O <sub>3</sub> /Cl <sub>2</sub> disinfection on corrosion and opportunistic pathogens growth in drinking water distribution systems. <i>Journal of Environmental Sciences</i> , 2018, 73, 38-46.   | 6.1  | 27        |
| 87 | Fe-N-Graphene Wrapped Al <sub>2</sub> O <sub>3</sub> /Pentlandite from Microalgae: High Fenton Catalytic Efficiency from Enhanced Fe <sup>3+</sup> Reduction. <i>Environmental Science &amp; Technology</i> , 2018, 52, 3608-3614.  | 10.0 | 64        |
| 88 | Theoretical and experimental evidence for rGO-4-PP Nc as a metal-free Fenton-like catalyst by tuning the electron distribution. <i>RSC Advances</i> , 2018, 8, 3312-3320.   | 3.6  | 44        |
| 89 | 4-Phenoxyphenol-Functionalized Reduced Graphene Oxide Nanosheets: A Metal-Free Fenton-Like Catalyst for Pollutant Destruction. <i>Environmental Science &amp; Technology</i> , 2018, 52, 747-756.   | 10.0 | 180       |
| 90 | Effects of phosphate-enhanced ozone/biofiltration on formation of disinfection byproducts and occurrence of opportunistic pathogens in drinking water distribution systems. <i>Water Research</i> , 2018, 139, 168-176.   | 11.3 | 58        |



| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 91  | Efficient Destruction of Pollutants in Water by a Dual-Reaction-Center Fenton-like Process over Carbon Nitride Compounds-Complexed Cu(II)-CuAlO <sub>2</sub> . Environmental Science & Technology, 2018, 52, 4294-4304.   | 10.0 | 203       |
| 92  | Effects of NOM on the degradation of chloramphenicol by UV/H <sub>2</sub> O <sub>2</sub> and the characteristics of degradation products. Separation and Purification Technology, 2018, 191, 108-115.   | 7.9  | 24        |
| 93  | Enhanced degradation of organic pollutants over Cu-doped LaAlO <sub>3</sub> perovskite through heterogeneous Fenton-like reactions. Chemical Engineering Journal, 2018, 332, 572-581.   | 12.7 | 131       |
| 94  | Sulfadiazine/ciprofloxacin promote opportunistic pathogens occurrence in bulk water of drinking water distribution systems. Environmental Pollution, 2018, 234, 71-78.  | 7.5  | 42        |
| 95  | Characterization of bacterial community and iron corrosion in drinking water distribution systems with O <sub>3</sub> -biological activated carbon treatment. Journal of Environmental Sciences, 2018, 69, 192-204.   | 6.1  | 12        |
| 96  | AgBr-wrapped Ag chelated on nitrogen-doped reduced graphene oxide for water purification under visible light. Applied Catalysis B: Environmental, 2018, 220, 118-125.   | 20.2 | 51        |
| 97  | Electronic Structure Modulation of Graphitic Carbon Nitride by Oxygen Doping for Enhanced Catalytic Degradation of Organic Pollutants through Peroxymonosulfate Activation. Environmental Science & Technology, 2018, 52, 14371-14380.  | 10.0 | 455       |
| 98  | Notable light-free catalytic activity for pollutant destruction over flower-like BiOI microspheres by a dual-reaction-center Fenton-like process. Journal of Colloid and Interface Science, 2018, 527, 251-259.   | 9.4  | 35        |
| 99  | Highly improved photoelectrocatalytic efficiency and stability of WO <sub>3</sub> photoanodes by the facile <i>in situ</i> growth of TiO <sub>2</sub> branch overlayers. Nanoscale, 2018, 10, 13393-13401.  | 5.6  | 27        |
| 100 | Enhanced photoactivity of Bi <sub>2</sub> WO <sub>6</sub> by iodide insertion into the interlayer for water purification under visible light. Chemical Engineering Journal, 2018, 352, 664-672.   | 12.7 | 65        |
| 101 | A dual-reaction-center Fenton-like process on “C <sub>3</sub> N <sub>4</sub> ”-Cu linkage between copper oxides and defect-containing g-C <sub>3</sub> N <sub>4</sub> for efficient removal of organic pollutants. Journal of Materials Chemistry A, 2018, 6, 17819-17828.      | 10.3 | 73        |
| 102 | A self-sustaining monolithic photoelectrocatalytic/photovoltaic system based on a WO <sub>3</sub> /BiVO <sub>4</sub> photoanode and Si PVC for efficiently producing clean energy from refractory organics degradation. Applied Catalysis B: Environmental, 2018, 238, 309-317. | 20.2 | 37        |
| 103 | Framework Cu-doped AlPO <sub>4</sub> as an effective Fenton-like catalyst for bisphenol A degradation. Applied Catalysis B: Environmental, 2017, 207, 9-16.   | 20.2 | 86        |
| 104 | Impacts of bacteria and corrosion on removal of natural organic matter and disinfection byproducts in different drinking water distribution systems. International Biodeterioration and Biodegradation, 2017, 117, 52-59.   | 3.9  | 32        |
| 105 | Selective H <sub>2</sub> O <sub>2</sub> conversion to hydroxyl radicals in the electron-rich area of hydroxylated C-g-C <sub>3</sub> N <sub>4</sub> /CuCoAl <sub>2</sub> O <sub>3</sub> . Journal of Materials Chemistry A, 2017, 5, 7153-7164.                                 | 10.3 | 136       |
| 106 | p-AgI anchored on {001} facets of n-Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> sheets with enhanced photocatalytic activity and stability. Applied Catalysis B: Environmental, 2017, 205, 34-41.  | 20.2 | 97        |
| 107 | Interaction of ciprofloxacin chlorination products with bacteria in drinking water distribution systems. Journal of Hazardous Materials, 2017, 339, 174-181.  | 12.4 | 29        |
| 108 | Chemical-bond conjugated BiO(OH) <sub>x</sub> 1-x-AgI heterojunction with high visible light activity and stability in degradation of pollutants. Applied Catalysis B: Environmental, 2017, 218, 443-451.   | 20.2 | 27        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 109 | Characterization of chemical composition and bacterial community of corrosion scales in different drinking water distribution systems. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 147-155.   | 2.4  | 15        |
| 110 | Solar Photocatalytic Disinfection by Nano-Ag-Based Photocatalyst. <i>Green Chemistry and Sustainable Technology</i> , 2017, , 129-153.   | 0.7  | 1         |
| 111 | Enhanced mineralization of pharmaceuticals by surface oxidation over mesoporous $\text{Ti}^{3+}$ - $\text{Al}_2\text{O}_3$ suspension with ozone. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 118-126.  | 20.2 | 107       |
| 112 | Oxygen vacancy enhanced photostability and activity of plasmon-Ag composites in the visible to near-infrared region for water purification. <i>Applied Catalysis B: Environmental</i> , 2016, 199, 230-240.  | 20.2 | 40        |
| 113 | Transformation of humic acid and halogenated byproduct formation in UV-chlorine processes. <i>Water Research</i> , 2016, 102, 421-427.   | 11.3 | 164       |
| 114 | Enhanced Fenton-catalytic efficiency by highly accessible active sites on dandelion-like copper $\alpha$ -aluminum $\alpha$ -silica nanospheres for water purification. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8610-8619.                              | 10.3 | 73        |
| 115 | Galvanic-like cells produced by negative charge nonuniformity of lattice oxygen on d-TiCuAl $\alpha$ - $\text{SiO}_2$ nanospheres for enhancement of Fenton-catalytic efficiency. <i>Environmental Science: Nano</i> , 2016, 3, 1483-1492.                         | 4.3  | 68        |
| 116 | Characteristics of corrosion sales and biofilm in aged pipe distribution systems with switching water source. <i>Engineering Failure Analysis</i> , 2016, 60, 166-175.   | 4.0  | 29        |
| 117 | Sustaining reactivity of FeO for nitrate reduction via electron transfer between dissolved $\text{Fe}^{2+}$ and surface iron oxides. <i>Journal of Hazardous Materials</i> , 2016, 308, 208-215.   | 12.4 | 45        |
| 118 | Cu-doped $\text{Bi}_2\text{O}_3/\text{BiO}$ composite as an efficient Fenton-like catalyst for degradation of 2-chlorophenol. <i>Separation and Purification Technology</i> , 2016, 157, 203-208.  | 7.9  | 29        |
| 119 | Enhanced catalytic degradation of ciprofloxacin over Ce-doped OMS-2 microspheres. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 561-569.  | 20.2 | 118       |
| 120 | Treatment of NOM fractions of reservoir sediments: Effect of UV and chlorination on formation of DBPs. <i>Separation and Purification Technology</i> , 2015, 154, 228-235.   | 7.9  | 32        |
| 121 | Mechanism of Catalytic Ozonation in $\text{Fe}_{2+}\text{O}_{3-}/\text{Al}_{2+}\text{O}_{3-}/\text{SBA-15}$ Aqueous Suspension for Destruction of Ibuprofen. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1690-1697.                                  | 10.0 | 286       |
| 122 | Enhanced Fenton Catalytic Efficiency of $\text{Ti}^{3+}$ -Cu $\alpha$ - $\text{Al}_{2+}\text{O}_{3-}$ by $\text{Ti}^{3+}$ -Cu $\alpha$ -Ligand Complexes from Aromatic Pollutant Degradation. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8639-8647. | 10.0 | 247       |
| 123 | Enhanced Fenton-like degradation of pharmaceuticals over framework copper species in copper-doped mesoporous silica microspheres. <i>Chemical Engineering Journal</i> , 2015, 274, 298-306.  | 12.7 | 170       |
| 124 | Enhanced solar photodegradation of toxic pollutants by long-lived electrons in Ag $\alpha$ - $\text{Ag}_2\text{O}$ nanocomposites. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 637-645.   | 20.2 | 38        |
| 125 | Enhanced Fenton-like degradation of refractory organic compounds by surface complex formation of $\text{LaFeO}_3$ and $\text{H}_2\text{O}_2$ . <i>Journal of Hazardous Materials</i> , 2015, 294, 195-200.   | 12.4 | 107       |
| 126 | Enhanced inhibition of bromate formation in catalytic ozonation of organic pollutants over $\text{Fe}\alpha$ - $\text{Al}$ LDH/ $\text{Al}_2\text{O}_3$ . <i>Separation and Purification Technology</i> , 2015, 151, 256-261.                                      | 7.9  | 36        |



| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 127 | Characterization of biofilm bacterial communities and cast iron corrosion in bench-scale reactors with chloraminated drinking water. <i>Engineering Failure Analysis</i> , 2015, 57, 423-433.   | 4.0  | 22        |
| 128 | Effects of microbial cycling of Fe(II)/Fe(III) and Fe/N on cast iron corrosion in simulated drinking water distribution systems. <i>Corrosion Science</i> , 2015, 100, 599-606.   | 6.6  | 27        |
| 129 | Efficient catalytic aerobic oxidation of chlorinated phenols with mixed-valent manganese oxide nanoparticles. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 80-86.  | 3.2  | 25        |
| 130 | Characteristics of biofilms and iron corrosion scales with ground and surface waters in drinking water distribution systems. <i>Corrosion Science</i> , 2015, 90, 331-339.  | 6.6  | 67        |
| 131 | Plasmon-induced reduction of bromate with Au-Ag-Al <sub>2</sub> O <sub>3</sub> under visible-light irradiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1425-1431.  | 3.2  | 7         |
| 132 | Effects of combined UV and chlorine disinfection on corrosion and water quality within reclaimed water distribution systems. <i>Engineering Failure Analysis</i> , 2014, 39, 12-20.   | 4.0  | 27        |
| 133 | Characterization of the bacterial communities and iron corrosion scales in drinking groundwater distribution systems with chlorine/chloramine. <i>International Biodeterioration and Biodegradation</i> , 2014, 96, 71-79.                          | 3.9  | 41        |
| 134 | Effects of microbial redox cycling of iron on cast iron pipe corrosion in drinking water distribution systems. <i>Water Research</i> , 2014, 65, 362-370.   | 11.3 | 61        |
| 135 | Inhibition of bromate formation by surface reduction in catalytic ozonation of organic pollutants over $\gamma$ -FeOOH/Al <sub>2</sub> O <sub>3</sub> . <i>Applied Catalysis B: Environmental</i> , 2014, 147, 287-292.                             | 20.2 | 64        |
| 136 | Characterization and photostability of Cu <sub>2</sub> O-Ag-AgBr/Al <sub>2</sub> O <sub>3</sub> for the degradation of toxic pollutants with visible-light irradiation. <i>Applied Catalysis B: Environmental</i> , 2014, 154-155, 44-50.           | 20.2 | 27        |
| 137 | Characterization of biofilm and corrosion of cast iron pipes in drinking water distribution system with UV/Cl <sub>2</sub> disinfection. <i>Water Research</i> , 2014, 60, 174-181.   | 11.3 | 101       |
| 138 | Characterization and reactivity of biogenic manganese oxides for ciprofloxacin oxidation. <i>Journal of Environmental Sciences</i> , 2014, 26, 1154-1161.   | 6.1  | 60        |
| 139 | Characterization and adsorption performance of Zr-doped akaganite for efficient arsenic removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 629-635.   | 3.2  | 40        |
| 140 | The abatement of major pollutants in air and water by environmental catalysis. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 302-325.  | 6.0  | 37        |
| 141 | Preparation and evaluation of Zr- $\gamma$ -FeOOH for efficient arsenic removal. <i>Journal of Environmental Sciences</i> , 2013, 25, 815-822.  | 6.1  | 18        |
| 142 | Inhibition mechanism of $\text{BrO}^-$ formation over MnO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> during the catalytic ozonation of 2,4-dichlorophenoxyacetic acid in water. <i>Separation and Purification Technology</i> , 2013, 117, 41-45. | 6.0  | 25        |
| 143 | Catalytic ozonation performance and surface property of supported Fe <sub>3</sub> O <sub>4</sub> catalysts dispersions. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 451-456.   | 6.0  | 9         |
| 144 | Effects of chlorine and pipe material on biofilm development and structure in a reclaimed water distribution system. <i>Water Science and Technology: Water Supply</i> , 2012, 12, 362-371.   | 2.1  | 5         |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 145 | Enhanced fluoride adsorption using Al (III) modified calcium hydroxyapatite. Journal of Hazardous Materials, 2012, 233-234, 194-199.  | 12.4 | 167       |
| 146 | Efficient Removal of Toxic Pollutants Over Fe <sup>2+</sup> /Co/ZrO <sub>2</sub> Bimetallic Catalyst with Ozone. Catalysis Letters, 2012, 142, 1026-1032.   | 2.6  | 11        |
| 147 | Inactivation and Photorepair of Enteric Pathogenic Microorganisms with Ultraviolet Irradiation. Environmental Engineering Science, 2012, 29, 549-553.   | 1.6  | 12        |
| 148 | Effects of disinfectant and biofilm on the corrosion of cast iron pipes in a reclaimed water distribution system. Water Research, 2012, 46, 1070-1078.  | 11.3 | 193       |
| 149 | Synergistic effect of the sequential use of UV irradiation and chlorine to disinfect reclaimed water. Water Research, 2012, 46, 1225-1232.  | 11.3 | 77        |
| 150 | Enhanced Fenton degradation of Rhodamine B over nanoscaled Cu-doped LaTiO <sub>3</sub> perovskite. Applied Catalysis B: Environmental, 2012, 125, 418-424.  | 20.2 | 174       |
| 151 | Synthesis of Cu <sub>2</sub> O-CuO/Sr <sub>3</sub> BiO <sub>5.4</sub> and its photocatalytic activity. Applied Surface Science, 2012, 258, 5955-5959.   | 6.1  | 9         |
| 152 | Enhanced Photodegradation of Toxic Pollutants on Plasmonic Au <sup>2+</sup> /Ag <sup>2+</sup> /AgI/Al <sub>2</sub> O <sub>3</sub> Under Visible Irradiation. Catalysis Letters, 2012, 142, 646-654.                                     | 2.6  | 14        |
| 153 | Catalytic ozonation of toxic pollutants over magnetic cobalt-doped Fe <sub>3</sub> O <sub>4</sub> suspensions. Applied Catalysis B: Environmental, 2012, 117-118, 246-252.  | 20.2 | 120       |
| 154 | Photolysis of Chlortetracycline in aqueous solution: Kinetics, toxicity and products. Journal of Environmental Sciences, 2012, 24, 254-260.   | 6.1  | 51        |
| 155 | Enhanced electron transfer and silver-releasing suppression in Ag <sup>2+</sup> /AgBr/titanium-doped Al <sub>2</sub> O <sub>3</sub> suspensions with visible-light irradiation. Journal of Hazardous Materials, 2012, 219-220, 276-282. | 12.4 | 14        |
| 156 | Preparation of grape-like Bi <sub>2</sub> O <sub>3</sub> /Ti photoanode and its visible light activity. Materials Research Bulletin, 2011, 46, 153-157.   | 5.2  | 15        |
| 157 | Photoelectrochemical degradation of Methylene Blue with $\text{I}^{2-}$ -PbO <sub>2</sub> electrodes driven by visible light irradiation. Journal of Environmental Sciences, 2011, 23, 998-1003.  | 6.1  | 39        |
| 158 | Photoproducts of tetracycline and oxytetracycline involving self-sensitized oxidation in aqueous solutions: Effects of Ca <sup>2+</sup> and Mg <sup>2+</sup> . Journal of Environmental Sciences, 2011, 23, 1634-1639.                  | 6.1  | 75        |
| 159 | Sequential use of ultraviolet light and chlorine for reclaimed water disinfection. Journal of Environmental Sciences, 2011, 23, 1605-1610.  | 6.1  | 30        |
| 160 | Photodegradation and toxicity changes of antibiotics in UV and UV/H <sub>2</sub> O <sub>2</sub> process. Journal of Hazardous Materials, 2011, 185, 1256-1263.  | 12.4 | 240       |
| 161 | Decolorization of methylene blue in layered manganese oxide suspension with H <sub>2</sub> O <sub>2</sub> . Journal of Hazardous Materials, 2011, 190, 780-785.   | 12.4 | 109       |
| 162 | Degradation characteristics of humic acid over iron oxides/FeO core-shell nanoparticles with UVA/H <sub>2</sub> O <sub>2</sub> . Journal of Hazardous Materials, 2010, 173, 474-479.  | 12.4 | 50        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 163 | Selective photocatalytic degradation of azodyes in NiO/Ag <sub>3</sub> VO <sub>4</sub> suspension. Journal of Chemical Technology and Biotechnology, 2010, 85, 1522-1527.   | 3.2  | 3         |
| 164 | Catalytic ozonation of toxic pollutants over magnetic cobalt and manganese co-doped $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> . Applied Catalysis B: Environmental, 2010, 100, 62-67.  | 20.2 | 131       |
| 165 | Surface acidity and reactivity of $\gamma$ -FeOOH/Al <sub>2</sub> O <sub>3</sub> for pharmaceuticals degradation with ozone: In situ ATR-FTIR studies. Applied Catalysis B: Environmental, 2010, 97, 340-346.   | 20.2 | 118       |
| 166 | Effective Photocatalytic Disinfection of <i>E. coli</i> K-12 Using AgBr <sup>+</sup> Ag <sup>+</sup> Bi <sub>2</sub> WO <sub>6</sub> Nanofunction System Irradiated by Visible Light: The Role of Diffusing Hydroxyl Radicals. Environmental Science & Technology, 2010, 44, 1392-1398. | 10.0 | 557       |
| 167 | Plasmon-Induced Photodegradation of Toxic Pollutants with Ag <sup>+</sup> AgI/Al <sub>2</sub> O <sub>3</sub> under Visible-Light Irradiation. Journal of the American Chemical Society, 2010, 132, 857-862.   | 13.7 | 541       |
| 168 | Plasmon-Induced Inactivation of Enteric Pathogenic Microorganisms with Ag <sup>+</sup> AgI/Al <sub>2</sub> O <sub>3</sub> under Visible-Light Irradiation. Environmental Science & Technology, 2010, 44, 7058-7062.   | 10.0 | 76        |
| 169 | Plasmon-Assisted Degradation of Toxic Pollutants with Ag <sup>+</sup> AgBr/Al <sub>2</sub> O <sub>3</sub> under Visible-Light Irradiation. Journal of Physical Chemistry C, 2010, 114, 2746-2750.   | 3.1  | 186       |
| 170 | Adsorption and removal of arsenite on ordered mesoporous Fe-modified ZrO <sub>2</sub> . Desalination and Water Treatment, 2009, 8, 139-145.   | 1.0  | 19        |
| 171 | Removal of persistent organic pollutants from micro-polluted drinking water by triolein embedded absorbent. Bioresource Technology, 2009, 100, 2995-3002.   | 9.6  | 33        |
| 172 | AgBr-Ag-Bi <sub>2</sub> WO <sub>6</sub> nanofunction system: A novel and efficient photocatalyst with double visible-light active components. Applied Catalysis A: General, 2009, 363, 221-229.   | 4.3  | 304       |
| 173 | Photoassisted degradation of endocrine disruptors over CuO $\gamma$ -FeOOH with H <sub>2</sub> O <sub>2</sub> at neutral pH. Applied Catalysis B: Environmental, 2009, 87, 30-36.   | 20.2 | 84        |
| 174 | Catalytic Ozonation of Selected Pharmaceuticals over Mesoporous Alumina-Supported Manganese Oxide. Environmental Science & Technology, 2009, 43, 2525-2529.   | 10.0 | 203       |
| 175 | Zn:In(OH) <sub>2</sub> S <sub>2</sub> Solid Solution Nanoplates: Synthesis, Characterization, and Photocatalytic Mechanism. Environmental Science & Technology, 2009, 43, 7883-7888.  | 10.0 | 76        |
| 176 | Degradation of Acid Orange 7 using magnetic AgBr under visible light: The roles of oxidizing species. Chemosphere, 2009, 76, 1185-1191.   | 8.2  | 386       |
| 177 | Degradation of selected pharmaceuticals in aqueous solution with UV and UV/H <sub>2</sub> O <sub>2</sub> . Water Research, 2009, 43, 1766-1774.   | 11.3 | 288       |
| 178 | Indirect Photodegradation of Amine Drugs in Aqueous Solution under Simulated Sunlight. Environmental Science & Technology, 2009, 43, 2760-2765.   | 10.0 | 195       |
| 179 | Photodegradation of tetracycline and formation of reactive oxygen species in aqueous tetracycline solution under simulated sunlight irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 197, 81-87.   | 3.9  | 249       |
| 180 | Removal of phosphate by mesoporous ZrO <sub>2</sub> . Journal of Hazardous Materials, 2008, 151, 616-622.   | 12.4 | 326       |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 181 | Efficient photodegradation of Acid Red B by immobilized ferrocene in the presence of UVA and H <sub>2</sub> O <sub>2</sub> . Journal of Hazardous Materials, 2008, 154, 146-152.  | 12.4 | 55        |
| 182 | An efficient electron transfer at the FeO/iron oxide interface for the photoassisted degradation of pollutants with H <sub>2</sub> O <sub>2</sub> . Applied Catalysis B: Environmental, 2008, 82, 151-156.                                    | 20.2 | 31        |
| 183 | The epoxidation of allyl alcohol on Ti-complex/MCM-48 catalyst. Microporous and Mesoporous Materials, 2008, 112, 133-137.   | 4.4  | 7         |
| 184 | Characterization and Reactivity of MnO <sub>x</sub> Supported on Mesoporous Zirconia for Herbicide 2,4-D Mineralization with Ozone. Environmental Science & Technology, 2008, 42, 3363-3368.  | 10.0 | 118       |
| 185 | Phototransformation of nitrobenzene in the Songhua River: Kinetics and photoproduct analysis. Journal of Environmental Sciences, 2008, 20, 787-795.   | 6.1  | 20        |
| 186 | Preparation and visible-light activity of silver vanadate for the degradation of pollutants. Materials Research Bulletin, 2008, 43, 2986-2997.  | 5.2  | 64        |
| 187 | Catalytic Ozonation of Herbicide 2,4-D over Cobalt Oxide Supported on Mesoporous Zirconia. Journal of Physical Chemistry C, 2008, 112, 5978-5983.   | 3.1  | 70        |
| 188 | Photoelectrocatalytic Degradation of Triazine-Containing Azo Dyes at $\beta$ -Bi <sub>2</sub> MoO <sub>6</sub> Film Electrode under Visible Light Irradiation ( $\lambda$ > 420 Nm). Environmental Science & Technology, 2007, 41, 6802-6807. | 10.0 | 118       |
| 189 | Photoassisted Degradation of Azodyes over FeOxH <sub>2</sub> x-3/FeO in the Presence of H <sub>2</sub> O <sub>2</sub> at Neutral pH Values. Environmental Science & Technology, 2007, 41, 4715-4719.  | 10.0 | 47        |
| 190 | Photocatalytic Degradation of Pathogenic Bacteria with AgI/TiO <sub>2</sub> under Visible Light Irradiation. Langmuir, 2007, 23, 4982-4987.   | 3.5  | 217       |
| 191 | Efficient destruction of pathogenic bacteria with AgBr/TiO <sub>2</sub> under visible light irradiation. Applied Catalysis B: Environmental, 2007, 73, 354-360.   | 20.2 | 86        |
| 192 | Efficient destruction of bacteria with Ti(IV) and antibacterial ions in co-substituted hydroxyapatite films. Applied Catalysis B: Environmental, 2007, 73, 345-353.   | 20.2 | 65        |
| 193 | Preparation and visible-light photocatalytic activity of Ag <sub>3</sub> VO <sub>4</sub> powders. Journal of Solid State Chemistry, 2007, 180, 725-732.   | 2.9  | 122       |
| 194 | Ag/AgBr/TiO <sub>2</sub> Visible Light Photocatalyst for Destruction of Azodyes and Bacteria. Journal of Physical Chemistry B, 2006, 110, 4066-4072.  | 2.6  | 552       |
| 195 | Visible-Light-Induced Photocatalytic Degradation of Azodyes in Aqueous AgI/TiO <sub>2</sub> Dispersion. Environmental Science & Technology, 2006, 40, 7903-7907.  | 10.0 | 180       |
| 196 | Efficient Destruction of Pathogenic Bacteria with NiO/SrBi <sub>2</sub> O <sub>4</sub> under Visible Light Irradiation. Environmental Science & Technology, 2006, 40, 5508-5513.  | 10.0 | 81        |
| 197 | Photocatalytic decomposition of acetaldehyde and Escherichia coli using NiO/SrBi <sub>2</sub> O <sub>4</sub> under visible light irradiation. Applied Catalysis B: Environmental, 2006, 69, 17-23.  | 20.2 | 55        |
| 198 | Characterization and catalytic performance of Co/SBA-15 supported gold catalysts for CO oxidation. Materials Research Bulletin, 2006, 41, 406-413.  | 5.2  | 47        |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 199 | Effect of Ammonia Thermal Treatment on the Structure and Activity of Titanium Oxide Photocatalysts. Chinese Journal of Chemical Physics, 2006, 19, 355-361.                       | 1.3  | 2         |
| 200 | Synthesis of MCM-48 with a high thermal and hydro-thermal stability. Materials Research Bulletin, 2005, 40, 1775-1780.  | 5.2  | 15        |
| 201 | Catalytic combustion of methane on novel catalysts derived from Cu-Mg/Al-hydrotalcites. Catalysis Letters, 2005, 99, 157-163.   | 2.6  | 55        |
| 202 | Synthesis of Nanosize Mesoporous MCM-48 Material. Journal of Nanoscience and Nanotechnology, 2005, 5, 1752-1754.  | 0.9  | 3         |
| 203 | Nanoporous Silica-Supported Nanometric Palladium:Â Synthesis, Characterization, and Catalytic Deep Oxidation of Benzene. Environmental Science & Technology, 2005, 39, 1319-1323. | 10.0 | 80        |
| 204 | Effects of inorganic anions on photoactivity of various photocatalysts under different conditions. Journal of Chemical Technology and Biotechnology, 2004, 79, 247-252.           | 3.2  | 25        |
| 205 | Photocatalytic degradation of cationic blue X-GRL adsorbed on TiO2/SiO2 photocatalyst. Applied Catalysis B: Environmental, 2003, 40, 131-140.                                     | 20.2 | 103       |
| 206 | Photocatalytic degradation of triazine-containing azo dyes in aqueous TiO2 suspensions. Applied Catalysis B: Environmental, 2003, 42, 47-55.                                      | 20.2 | 159       |
| 207 | Influence of pretreatment conditions on low-temperature CO oxidation over Au/MOx/Al2O3 catalysts. Journal of Molecular Catalysis A, 2003, 200, 229-238.                           | 4.8  | 62        |
| 208 | Characterization and photocatalytic activity of noble-metal-supported surface TiO2/SiO2. Applied Catalysis A: General, 2003, 253, 389-396.  | 4.3  | 72        |
| 209 | Degradation of ofloxacin in aqueous solution with UV/H2O2. , 0, 72, 386-393.  |      | 2         |