

# Hao Cui

## List of Publications by Year in descending order

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52  
papers

2,405  
citations

185998

28  
h-index

205818

48  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of conductive polymers coated anode on the performance of microbial fuel cells (MFCs) and its biodiversity analysis. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4169-4176.	5.3	160
2	Synthesis and thermal behavior of geopolymer-type material from waste ceramic. <i>Construction and Building Materials</i> , 2013, 49, 281-287.	3.2	129
3	Adsorption of aqueous Hg(II) by a polyaniline/attapulgite composite. <i>Chemical Engineering Journal</i> , 2012, 211-212, 216-223.	6.6	121
4	Adsorption of fluoride from aqueous solution on magnesia-loaded fly ash cenospheres. <i>Desalination</i> , 2011, 272, 233-239.	4.0	120
5	Immobilization of simulated radionuclide <sup>133</sup> Cs+ by fly ash-based geopolymer. <i>Journal of Hazardous Materials</i> , 2013, 262, 325-331.	6.5	119
6	Fabrication and electrochemical treatment application of a microstructured TiO <sub>2</sub> -NTs/Sb-SnO <sub>2</sub> /PbO <sub>2</sub> anode in the degradation of C.I. Reactive Blue 194 (RB 194). <i>Chemical Engineering Journal</i> , 2012, 209, 86-93.	6.6	110
7	Defluoridation of water via electrically controlled anion exchange by polyaniline modified electrode reactor. <i>Water Research</i> , 2011, 45, 5736-5744.	5.3	89
8	Adsorption and photocatalytic degradation of tetracycline hydrochloride using a palygorskite-supported Cu <sub>2</sub> O-TiO <sub>2</sub> composite. <i>Applied Clay Science</i> , 2016, 119, 311-320.	2.6	87
9	Synthesis and performance of palladium-based catalysts for methanol and ethanol oxidation in alkaline fuel cells. <i>Electrochimica Acta</i> , 2013, 102, 79-87.	2.6	82
10	Fly ash cenospheres supported visible-light-driven BiVO <sub>4</sub> photocatalyst: Synthesis, characterization and photocatalytic application. <i>Chemical Engineering Journal</i> , 2013, 223, 737-746.	6.6	80
11	Fast removal of Hg(II) ions from aqueous solution by amine-modified attapulgite. <i>Applied Clay Science</i> , 2013, 72, 84-90.	2.6	71
12	The synthesis and characterization of Ti/SnO <sub>2</sub> -Sb <sub>2</sub> O <sub>3</sub> /PbO <sub>2</sub> electrodes: The influence of morphology caused by different electrochemical deposition time. <i>Applied Surface Science</i> , 2011, 258, 218-224.	3.1	67
13	Adsorption removal of tannic acid from aqueous solution by polyaniline: Analysis of operating parameters and mechanism. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 175-181.	5.0	64
14	Fabrication of cerium-doped lead dioxide anode with improved electrocatalytic activity and its application for removal of Rhodamine B. <i>Chemical Engineering Journal</i> , 2013, 228, 806-814.	6.6	63
15	Application of conductive polymers in biocathode of microbial fuel cells and microbial community. <i>Bioresource Technology</i> , 2012, 116, 459-465.	4.8	62
16	Electrochemical removal of fluoride from water by PAOA-modified carbon felt electrodes in a continuous flow reactor. <i>Water Research</i> , 2012, 46, 3943-3950.	5.3	60
17	Palygorskite supported BiVO <sub>4</sub> photocatalyst for tetracycline hydrochloride removal. <i>Applied Clay Science</i> , 2017, 137, 249-258.	2.6	57
18	Modification of glassy carbon electrode with polyaniline/multi-walled carbon nanotubes composite: Application to electro-reduction of bromate. <i>Journal of Electroanalytical Chemistry</i> , 2012, 668, 44-50.	1.9	51

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19	Preparation and characterization of fly ash cenospheres supported CuO@BiVO <sub>4</sub> heterojunction composite. Applied Surface Science, 2014, 300, 51-57.	3.1	49
20	Comparison of two adsorbents for the removal of pentavalent arsenic from aqueous solutions. Journal of Environmental Management, 2012, 98, 98-106.	3.8	46
21	Synthesis and performance of Pd/SnO <sub>2</sub> @TiO <sub>2</sub> /MWCNT catalysts for direct formic acid fuel cell application. Electrochimica Acta, 2013, 92, 176-182.	2.6	44
22	Preparation of poly(aniline-1,8-diaminonaphthalene) and its application as adsorbent for selective removal of Cr(VI) ions. Chemical Engineering Journal, 2011, 173, 715-721.	6.6	41
23	Electrocatalytic reduction of bromate ion using a polyaniline-modified electrode: An efficient and green technology for the removal of BrO <sub>3</sub> <sup>-</sup> in aqueous solutions. Electrochimica Acta, 2010, 55, 8471-8475.	2.6	39
24	Electrodeposition of Cu-Pd alloys onto electrophoretic deposited carbon nanotubes for nitrate electroreduction. Applied Surface Science, 2014, 308, 113-120.	3.1	39
25	Factors influencing the photocatalytic activity of rutile TiO <sub>2</sub> nanorods with different aspect ratios for dye degradation and Cr(VI) photoreduction. Physical Chemistry Chemical Physics, 2015, 17, 18670-18676.	1.3	31
26	Synthesis of silver/multi-walled carbon nanotubes composite and its application for electrocatalytic reduction of bromate. Chemical Engineering Journal, 2013, 217, 28-33.	6.6	30
27	Electrocatalytic performance of Pd nanoparticles supported on TiO <sub>2</sub> -MWCNTs for methanol, ethanol, and isopropanol in alkaline media. Journal of Electroanalytical Chemistry, 2015, 741, 56-63.	1.9	30
28	Effects of gamma-ray irradiation on leaching of simulated 133 Cs + radionuclides from geopolymer wasteforms. Journal of Nuclear Materials, 2015, 459, 270-275.	1.3	30
29	Electrochemical detection of aqueous nitrite based on poly(aniline-co-o-aminophenol)-modified glassy carbon electrode. Ionics, 2017, 23, 1517-1523.	1.2	30
30	Copolymerization of aniline with m-nitroaniline and removal of m-nitroaniline from aqueous solutions using a polyaniline-modified electrode: A comparative study. Electrochimica Acta, 2012, 77, 302-308.	2.6	28
31	Stabilization of simulated lead sludge with iron sludge via formation of PbFe <sub>12</sub> O <sub>19</sub> by thermal treatment. Chemosphere, 2014, 117, 745-752.	4.2	28
32	La(III)-loaded bentonite/chitosan beads for defluoridation from aqueous solution. Journal of Rare Earths, 2014, 32, 458-466.	2.5	28
33	Fabrication and enhanced visible-light photocatalytic activity of Pt-deposited TiO <sub>2</sub> hollow nanospheres. Chemical Engineering Journal, 2013, 223, 592-603.	6.6	27
34	Synthesis of novel CeO <sub>2</sub> @BiVO <sub>4</sub> /FAC composites with enhanced visible-light photocatalytic properties. Journal of Environmental Sciences, 2014, 26, 1936-1942.	3.2	27
35	Fabrication of high dispersion Pd/MWNTs nanocomposite and its electrocatalytic performance for bromate determination. Chemical Engineering Journal, 2012, 200-202, 32-38.	6.6	26
36	Synthesis of CeO <sub>2</sub> /fly ash cenospheres composites as novel photocatalysts by modified pyrolysis process. Journal of Rare Earths, 2014, 32, 1120-1125.	2.5	26

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37	Preparation and Characterization of Buoyant Nitrogen-doped TiO <sub>2</sub> Composites Supported by Fly Ash Cenospheres for Photocatalytic Applications. <i>Journal of Materials Science and Technology</i> , 2013, 29, 835-840.	5.6	25
38	Removal of phenols from the aqueous solutions based on their electrochemical polymerization on the polyaniline electrode. <i>Electrochimica Acta</i> , 2010, 55, 7219-7224.	2.6	22
39	Reactive sorption of mercury(II) on to poly(m-phenylenediamine) microparticles. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 341-348.	1.2	21
40	Fabrication of Pd/TiO <sub>2</sub> -multiwall carbon nanotubes catalyst and investigation of its electrocatalytic activity for formic acid oxidation. <i>Journal of Power Sources</i> , 2013, 222, 510-517.	4.0	21
41	Photocatalytic activity of Pt-TiO <sub>2</sub> films supported on hydroxylated fly ash cenospheres under visible light. <i>Applied Surface Science</i> , 2015, 324, 817-824.	3.1	21
42	Adsorption of aqueous Hg (II) by a novel poly(aniline-co-aminophenol)/mesoporous silica SBA-15 composite. <i>Polymers for Advanced Technologies</i> , 2011, 22, 2231-2236.	1.6	19
43	Preparation and adsorption performance of MnO <sub>2</sub> /PAC composite towards aqueous glyphosate. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 2049-2056.	1.2	19
44	Shifting mechanisms in the initial stage of dye photodegradation by hollow TiO <sub>2</sub> nanospheres. <i>Journal of Materials Science</i> , 2014, 49, 1336-1344.	1.7	15
45	Column-mode fluoride removal from aqueous solution by magnesia-loaded fly ash cenospheres. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1409-1415.	1.2	12
46	Study of in vitro interaction between tetrabromobisphenol A and bovine serum albumin by fluorescence spectroscopy. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2697-2700.	2.2	11
47	Synthesis, characterization and photocatalytic application of H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /BiVO <sub>4</sub> composite photocatalyst. <i>Science China Chemistry</i> , 2013, 56, 1285-1292.	4.2	10
48	Electrocatalytic reduction of bromate based on Pd nanoparticles uniformly anchored on polyaniline/SBA-15. <i>Chemosphere</i> , 2015, 141, 243-249.	4.2	9
49	Electrocatalytic Performance of Pd/SnO <sub>2</sub> -TiO <sub>2</sub> /MWCNT Catalyst for Oxidation of Ethylene Glycol in Alkaline Media. <i>Journal of the Electrochemical Society</i> , 2015, 162, F123-F128.	1.3	4
50	Synthesis and Performance of Polyvinylpyrrolidone-Protected Pd Nanoparticles Supported on TiO <sub>2</sub> /MWCNTs under Protection of PVP for in Alcohols Oxidation in Alkaline Media. <i>Electroanalysis</i> , 2015, 27, 1925-1931.	1.5	2
51	Facile Synthesis of Pt-Polypyrrole Modified Hollow TiO <sub>2</sub> Composites and Their Photocatalytic Application. <i>Science of Advanced Materials</i> , 2013, 5, 1877-1885.	0.1	2
52	Performance of Chloride Ions on Electrocatalytic Oxidation Process Using Ti-Nanotubes/PDDA-PbO <sub>2</sub> Anode for Phenol Removal. <i>Journal of Environmental Engineering, ASCE</i> , 2013, 139, 1297-1306.	0.7	1