

Qi Shen

List of Publications by Year in descending order

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15
papers

624
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Yield and Selective Photoelectrocatalytic Reduction of CO ₂ to Formate by Metallic Copper Decorated Co ₃ O ₄ Nanotube Arrays. <i>Environmental Science & Technology</i> , 2015, 49, 5828-5835.	10.0	155
2	A CO ₂ adsorption-enhanced semiconductor/metal-complex hybrid photoelectrocatalytic interface for efficient formate production. <i>Energy and Environmental Science</i> , 2016, 9, 3161-3171.	30.8	134
3	A biomimetic photoelectrocatalyst of Co-porphyrin combined with a g-C ₃ N ₄ nanosheet based on π-π supramolecular interaction for high-efficiency CO ₂ reduction in water medium. <i>Green Chemistry</i> , 2017, 19, 5900-5910.	9.0	72
4	Biomimetic photoelectrocatalytic conversion of greenhouse gas carbon dioxide: Two-electron reduction for efficient formate production. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 70-76.	20.2	52
5	Enhanced carbon dioxide conversion to formate on a multi-functional synergistic photoelectrocatalytic interface. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 45-52.	20.2	39
6	Electrochemical CO ₂ Reduction Using Electrons Generated from Photoelectrocatalytic Phenol Oxidation. <i>Advanced Energy Materials</i> , 2019, 9, 1900364.	19.5	31
7	Simultaneous photoelectrocatalytic aromatic organic pollutants oxidation for hydrogen production promotion with a self-biasing photoelectrochemical cell. <i>Electrochimica Acta</i> , 2017, 254, 140-147.	5.2	30
8	Efficiently photoelectrocatalyze CO ₂ to methanol using Ru(II)-pyridyl complex covalently bonded on TiO ₂ nanotube arrays. <i>Applied Catalysis B: Environmental</i> , 2017, 210, 368-378.	20.2	27
9	Syngas electrosynthesis using self-supplied CO ₂ from photoelectrocatalytic pollutant degradation. <i>Applied Catalysis B: Environmental</i> , 2020, 261, 118253.	20.2	25
10	Photocatalytic activation of C-Br bond on facet-dependent BiOCl with oxygen vacancies. <i>Applied Surface Science</i> , 2021, 548, 149243.	6.1	25
11	Bed packing configuration and hot-spot utilization for low-temperature CO ₂ methanation on monolithic reactor. <i>Chemical Engineering Journal</i> , 2022, 428, 131106.	12.7	19
12	Efficient Photoelectrochemical Reduction of CO ₂ on Pyridyl Covalent Bonded Ruthenium(II) Based-Photosensitizer. <i>Electrochimica Acta</i> , 2016, 216, 228-238.	5.2	11
13	Humic acid induced indirect photolysis of polybrominated diphenyl ethers under visible light irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108002.	6.7	3
14	Enhanced photodegradation of decabromodiphenyl ether on oxygen vacancy-enriched Bi ₂ MoO ₆ . <i>RSC Advances</i> , 2022, 12, 14586-14592.	3.6	1
15	Metal-organic frameworks incorporated with C ₃ N ₄ : A visible light enhanced platform for degradation of polybromodiphenyl ethers. <i>Journal of Environmental Sciences</i> , 2022, , .	6.1	0