

Yu-Zhen Pan

List of Publications by Year in descending order

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papers

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840776

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times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolving the Tribo-catalytic reaction mechanism for biochar regulated Zinc Oxide and its application in protein transformation. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1908-1918.	9.4	20
2	Insights on the mechanism of Fe doped ZnO for tightly-bound extracellular polymeric substances tribo-catalytic degradation: The role of hydration layers at the interface. <i>Chemosphere</i> , 2021, 276, 130170.	8.2	18
3	Mutual benefits of acetate and mixed tungsten and molybdenum for their efficient removal in 40 L microbial electrolysis cells. <i>Water Research</i> , 2019, 162, 358-368.	11.3	28
4	Characteristics of Novel Extraction and Photoinduced Precipitation Approach by PEG/SA and Fluorescence Monitoring of Cr(VI). <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6323-6334.	6.7	5
5	Deposition and separation of W and Mo from aqueous solutions with simultaneous hydrogen production in stacked bioelectrochemical systems (BESs): Impact of heavy metals W(VI)/Mo(VI) molar ratio, initial pH and electrode material. <i>Journal of Hazardous Materials</i> , 2018, 353, 348-359.	12.4	9
6	A Trichromatic and White-Light-Emitting MOF Composite for Multi-Dimensional and Multi-Response Ratiometric Luminescent Sensing. <i>Chemistry - A European Journal</i> , 2018, 24, 9555-9564.	3.3	33
7	Continuous flow operation with appropriately adjusting composites in influent for recovery of Cr(VI), Cu(II) and Cd(II) in self-driven MFC-MEC system. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 615-628.	2.2	24
8	Impact of Fe(III) as an effective electron-shuttle mediator for enhanced Cr(VI) reduction in microbial fuel cells: Reduction of diffusional resistances and cathode overpotentials. <i>Journal of Hazardous Materials</i> , 2017, 321, 896-906.	12.4	89
9	Cooperative cathode electrode and in situ deposited copper for subsequent enhanced Cd(II) removal and hydrogen evolution in bioelectrochemical systems. <i>Bioresource Technology</i> , 2016, 200, 565-571.	9.6	58
10	Amino-modified mesoporous sorbents for efficient Cd(II) adsorption prepared using non-chemical diatomite as precursor. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 110-119.	2.4	20
11	A colorimetric/luminescent benzene compound sensor based on a bis(1f-acetylido) platinum(II) complex: enhancing selectivity and reversibility through dual-recognition sites strategy. <i>RSC Advances</i> , 2015, 5, 65613-65617.	3.6	16
12	Reversible Dual-Stimulus-Responsive Luminescence and Color Switch of a Platinum Complex with 4-((trimethylsilyl)ethynyl)-2,2'-bipyridine. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 986-993.	3.0	22
13	An effective PDMS microfluidic chip for chemiluminescence detection of cobalt (II) in water. <i>Microsystem Technologies</i> , 2013, 19, 99-103.	2.0	67