

Lili Wan

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

15,615
citations

279487

23
h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

33740
citing authors

#	ARTICLE	IF	CITATIONS
1	Bimetallic Cu@Zn Catalysts for Electrochemical CO ₂ Reduction: Phase-Separated versus Core@Shell Distribution. ACS Catalysis, 2022, 12, 2741-2748.	5.5	41
2	Promoting CO ₂ electroreduction on CuO nanowires with a hydrophobic Nafion overlay. Nanoscale, 2021, 13, 3588-3593.	2.8	23
3	U1 snRNP regulates cancer cell migration and invasion in vitro. Nature Communications, 2020, 11, 1.	5.8	12,921
4	Bismuth atom tailoring of indium oxide surface frustrated Lewis pairs boosts heterogeneous CO ₂ photocatalytic hydrogenation. Nature Communications, 2020, 11, 6095.	5.8	129
5	Selective electrochemical reduction of carbon dioxide to ethylene on a copper hydroxide nitrate nanostructure electrode. Nanoscale, 2020, 12, 17013-17019.	2.8	24
6	Unignorable toxicity of formaldehyde on electroactive bacteria in bioelectrochemical systems. Environmental Research, 2020, 183, 109143.	3.7	23
7	Acetate limitation selects Geobacter from mixed inoculum and reduces polysaccharide in electroactive biofilm. Water Research, 2020, 177, 115776.	5.3	70
8	Cu ₂ O nanocubes with mixed oxidation-state facets for (photo)catalytic hydrogenation of carbon dioxide. Nature Catalysis, 2019, 2, 889-898.	16.1	234
9	Nickel@Siloxene catalytic nanosheets for high-performance CO ₂ methanation. Nature Communications, 2019, 10, 2608.	5.8	104
10	Catalytic CO ₂ reduction by palladium-decorated silicon hydride nanosheets. Nature Catalysis, 2019, 2, 46-54.	16.1	116
11	Activity dependent LoNA regulates translation by coordinating rRNA transcription and methylation. Nature Communications, 2018, 9, 1726.	5.8	73
12	Regeneration of activated carbon air-cathodes by half-wave rectified alternating fields in microbial fuel cells. Applied Energy, 2018, 219, 199-206.	5.1	37
13	Swift Acid Rain Sensing by Synergistic Rhizospheric Bioelectrochemical Responses. ACS Sensors, 2018, 3, 1424-1430.	4.0	34
14	Gravity settling of planktonic bacteria to anodes enhances current production of microbial fuel cells. Applied Energy, 2017, 198, 261-266.	5.1	38
15	U1 snRNP telescripting regulates a size@function-stratified human genome. Nature Structural and Molecular Biology, 2017, 24, 993-999.	3.6	93
16	Splicing-Correcting Therapy for SMA. Cell, 2017, 170, 5.	13.5	36
17	Electric field induced salt precipitation into activated carbon air-cathode causes power decay in microbial fuel cells. Water Research, 2017, 123, 369-377.	5.3	106
18	Carbon fiber enhanced bioelectricity generation in soil microbial fuel cells. Biosensors and Bioelectronics, 2016, 85, 135-141.	5.3	101

#	ARTICLE	IF	CITATIONS
19	Enhanced biodegradation of aged petroleum hydrocarbons in soils by glucose addition in microbial fuel cells. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 267-275.	1.6	86
20	A U1 snRNP-specific assembly pathway reveals the SMN complex as a versatile hub for RNP exchange. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 225-230.	3.6	70
21	Horizontal arrangement of anodes of microbial fuel cells enhances remediation of petroleum hydrocarbon-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2335-2341.	2.7	68
22	A novel and high performance activated carbon air-cathode with decreased volume density and catalyst layer invasion for microbial fuel cells. <i>RSC Advances</i> , 2014, 4, 42577-42580.	1.7	29
23	U1 snRNP Determines mRNA Length and Regulates Isoform Expression. <i>Cell</i> , 2012, 150, 53-64.	13.5	392
24	U1 snRNP protects pre-mRNAs from premature cleavage and polyadenylation. <i>Nature</i> , 2010, 468, 664-668.	13.7	528
25	Inactivation of the SMN Complex by Oxidative Stress. <i>Molecular Cell</i> , 2008, 31, 244-254.	4.5	65
26	The Survival of Motor Neurons Protein Determines the Capacity for snRNP Assembly: Biochemical Deficiency in Spinal Muscular Atrophy. <i>Molecular and Cellular Biology</i> , 2005, 25, 5543-5551.	1.1	168
27	Scalable preparation of a CuO nanosheet array <i>via</i> corrosion engineering for selective C ⁺ C coupling in CO ₂ electroreduction. <i>Journal of Materials Chemistry A</i> , 0, , .	5.2	6