

Jianhua Sun

List of Publications by Year in descending order

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34
papers

1,179
citations

304743

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395702

33
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all docs

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docs citations

34
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	rGO decorated ZnO/CdO heterojunction as a photoanode for photoelectrochemical water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2377-2386.	9.4	15
2	rGO functionalized $\text{Fe}_2\text{O}_3/\text{Co}_3\text{O}_4$ heterojunction for NO ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 354, 131194.	7.8	30
3	One-step calcined equiatomic W and Zn precursors to synthesize heterojunction of ZnO/ZnWO ₄ for NO ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 131987.	7.8	5
4	Reduced graphene oxide decorated SnO ₂ /BiVO ₄ photoanode for photoelectrochemical water splitting. <i>Journal of Alloys and Compounds</i> , 2021, 855, 156780.	5.5	31
5	Pine dendritic bismuth vanadate loaded on reduced graphene oxide for detection of low concentration triethylamine. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 183-191.	9.4	20
6	Precise synthesis of pillared graphene nanosheets with superior potassium storage via an in situ growth strategy. <i>New Journal of Chemistry</i> , 2021, 45, 14451-14457.	2.8	3
7	Bimetallic organic framework-derived SnO ₂ /Co ₃ O ₄ heterojunctions for highly sensitive acetone sensors. <i>New Journal of Chemistry</i> , 2021, 45, 18150-18157.	2.8	16
8	NiO/ZnO composite decorated on rGO for detection of NO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129720.	7.8	22
9	Carbonized polymer dots activated hierarchical tungsten oxide for efficient and stable triethylamine sensor. <i>Journal of Hazardous Materials</i> , 2021, 416, 126161.	12.4	48
10	Non-covalent and covalent immobilization of papain onto Ti ₃ C ₂ MXene nanosheets. <i>Enzyme and Microbial Technology</i> , 2021, 148, 109817.	3.2	12
11	Metal organic frameworks derived SnO ₂ microsphere doped Ag for monitoring low concentration ethanol. <i>Materials Science in Semiconductor Processing</i> , 2021, 136, 106110.	4.0	8
12	rGO decorated BiVO ₄ /Cu ₂ O n-n heterojunction photoanode for photoelectrochemical water splitting. <i>Renewable Energy</i> , 2020, 148, 380-387.	8.9	34
13	Rapid ultrasonic-microwave assisted synthesis of Eu ³⁺ doped Y ₂ O ₃ nanophosphors with enhanced luminescence properties. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9523-9530.	5.8	16
14	Triadic Layered Double Hydroxide Modified Semiconductor Heterojunction for PEC Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4076-4084.	6.7	24
15	Immobilized metal affinity chromatography matrix modified by poly (ethylene glycol) methyl ether for purification of angiotensin I-converting enzyme inhibitory peptide from casein hydrolysate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1143, 122042.	2.3	12
16	An $\text{Fe}_2\text{O}_3/\text{NiO}$ hierarchical heterojunction for the sensitive detection of triethylamine. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1532-1539.	6.0	26
17	Purification, Characterization and Evaluation of Inhibitory Mechanism of ACE Inhibitory Peptides from Pearl Oyster (<i>Pinctada fucata martensii</i>) Meat Protein Hydrolysate. <i>Marine Drugs</i> , 2019, 17, 463.	4.6	40
18	rGO decorated W doped BiVO ₄ novel material for sensing detection of trimethylamine. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126749.	7.8	41

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19	rGO decorated CdS/CdO composite for detection of low concentration NO ₂ . Sensors and Actuators B: Chemical, 2019, 299, 126832.	7.8	35
20	Nanoscale surface engineering of PdCo/Al ₂ O ₃ catalyst via segregation for efficient purification of ethene feedstock. Chemical Engineering Science, 2019, 210, 115216.	3.8	16
21	An integrating photoanode consisting of BiVO ₄ , rGO and LDH for photoelectrochemical water splitting. Dalton Transactions, 2019, 48, 16091-16098.	3.3	37
22	Photoanode of LDH catalyst decorated semiconductor heterojunction of BiVO ₄ /CdS to enhance PEC water splitting efficiency. International Journal of Hydrogen Energy, 2019, 44, 24642-24652.	7.1	46
23	Pyrolyzing Co/Zn bimetallic organic framework to form p-n heterojunction of Co ₃ O ₄ /ZnO for detection of formaldehyde. Sensors and Actuators B: Chemical, 2019, 285, 291-301.	7.8	76
24	Isolation and Characterization of Angiotensin I-Converting Enzyme (ACE) Inhibitory Peptides from the Enzymatic Hydrolysate of <i>Carapax Trionycis</i> (the Shell of the Turtle <i>Pelodiscus sinensis</i>). Journal of Agricultural and Food Chemistry, 2018, 66, 7015-7022.	5.2	32
25	Doping Metal Elements of WO ₃ for Enhancement of NO ₂ -Sensing Performance at Room Temperature. Industrial & Engineering Chemistry Research, 2017, 56, 2616-2623.	3.7	53
26	Separation and Characterization of Angiotensin I Converting Enzyme (ACE) Inhibitory Peptides from <i>Saurida elongata</i> Proteins Hydrolysate by IMAC-Ni ²⁺ . Marine Drugs, 2017, 15, 29.	4.6	29
27	Rapid purification and characterization of angiotensin converting enzyme inhibitory peptides from lizard fish protein hydrolysates with magnetic affinity separation. Food Chemistry, 2015, 182, 136-142.	8.2	59
28	Purification and characterization of antioxidative peptides from round scad (<i>Decapterus maruadsi</i>) muscle protein hydrolysate. Food Chemistry, 2014, 154, 158-163.	8.2	112
29	Polythiophene-WO ₃ hybrid architectures for low-temperature H ₂ S detection. Sensors and Actuators B: Chemical, 2014, 197, 142-148.	7.8	111
30	Sensing performance and mechanism of Fe-doped ZnO microflowers. Sensors and Actuators B: Chemical, 2014, 195, 657-666.	7.8	85
31	Kinetic Model of Enzymatic Hydrolysis of Protein about the Protein of Silkworm Pupae – Alcalase System. , 2012, , .		1
32	Optimization of Hydrolysis Conditions for the Production of Angiotensin-I Converting Enzyme-Inhibitory Peptides and Isolation of a Novel Peptide from Lizard Fish (<i>Saurida elongata</i>) Muscle Protein Hydrolysate. Marine Drugs, 2012, 10, 1066-1080.	4.6	42
33	Reactivity and solid-state photo-luminescence of cadmium compounds constructed from 4-Ph-terpy and cadmium salts. Journal of Coordination Chemistry, 2009, 62, 3314-3323.	2.2	22
34	A Potential Red Phosphor Na _{0.5} Gd _{0.5} MoO ₄ :Eu ³⁺ For Light-Emitting Diode Application. Journal of the American Ceramic Society, 2008, 91, 3416-3418.	3.8	20