

Jianhua Sun

List of Publications by Year in descending order

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34
papers

1,179
citations

304743

22
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and characterization of antioxidative peptides from round scad (<i>Decapterus maruadsi</i>) muscle protein hydrolysate. <i>Food Chemistry</i> , 2014, 154, 158-163.	8.2	112
2	Polythiophene-WO ₃ hybrid architectures for low-temperature H ₂ S detection. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 142-148.	7.8	111
3	Sensing performance and mechanism of Fe-doped ZnO microflowers. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 657-666.	7.8	85
4	Pyrolyzing Co/Zn bimetallic organic framework to form p-n heterojunction of Co ₃ O ₄ /ZnO for detection of formaldehyde. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 291-301.	7.8	76
5	Rapid purification and characterization of angiotensin converting enzyme inhibitory peptides from lizard fish protein hydrolysates with magnetic affinity separation. <i>Food Chemistry</i> , 2015, 182, 136-142.	8.2	59
6	Doping Metal Elements of WO ₃ for Enhancement of NO ₂ -Sensing Performance at Room Temperature. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2616-2623.	3.7	53
7	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
8	Photoanode of LDH catalyst decorated semiconductor heterojunction of BiVO ₄ /CdS to enhance PEC water splitting efficiency. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 24642-24652.	7.1	46
9	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. <i>Marine Drugs</i> , 2012, 10, 1066-1080.	4.6	42
10	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
11	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
12	An integrating photoanode consisting of BiVO ₄ , rGO and LDH for photoelectrochemical water splitting. <i>Dalton Transactions</i> , 2019, 48, 16091-16098.	3.3	37
13	rGO decorated CdS/CdO composite for detection of low concentration NO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126832.	7.8	35
14	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
15	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>). <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7015-7022.	5.2	32
16	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
17	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
18	Separation and Characterization of Angiotensin I Converting Enzyme (ACE) Inhibitory Peptides from <i>Saurida elongata</i> Proteins Hydrolysate by IMAC-Ni ²⁺ . <i>Marine Drugs</i> , 2017, 15, 29.	4.6	29

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19	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
20	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
21	Reactivity and solid-state photo-luminescence of cadmium compounds constructed from 4-Ph-terpy and cadmium salts. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3314-3323.	2.2	22
22	NiO/ZnO composite decorated on rGO for detection of NO_2 . <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129720.	7.8	22
23	A Potential Red Phosphor $\text{Na}_{0.5}\text{Gd}_{0.5}\text{MoO}_4:\text{Eu}^{3+}$ For Light-Emitting Diode Application. <i>Journal of the American Ceramic Society</i> , 2008, 91, 3416-3418.	3.8	20
24	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
25	Nanoscale surface engineering of $\text{PdCo}/\text{Al}_2\text{O}_3$ catalyst via segregation for efficient purification of ethene feedstock. <i>Chemical Engineering Science</i> , 2019, 210, 115216.	3.8	16
26	Rapid ultrasonic-microwave assisted synthesis of Eu^{3+} doped Y_2O_3 nanophosphors with enhanced luminescence properties. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9523-9530.	5.8	16
27	Bimetallic organic framework-derived $\text{SnO}_2/\text{Co}_3\text{O}_4$ heterojunctions for highly sensitive acetone sensors. <i>New Journal of Chemistry</i> , 2021, 45, 18150-18157.	2.8	16
28	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
29	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
30	Non-covalent and covalent immobilization of papain onto Ti_3C_2 MXene nanosheets. <i>Enzyme and Microbial Technology</i> , 2021, 148, 109817.	3.2	12
31	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
32	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
33	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
34	Kinetic Model of Enzymatic Hydrolysis of Protein about the Protein of Silkworm Pupae – Alcalase System. , 2012, , .		1