

Xia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

998
citations

471061

17
h-index

454577

30
g-index

42
all docs

42
docs citations

42
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	A Co-doped Ni-Fe mixed oxide mesoporous nanosheet array with low overpotential and high stability towards overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 167-178.	5.2	158
2	Stable Zinc Metal Anodes with Textured Crystal Faces and Functional Zinc Compound Coatings. <i>Advanced Functional Materials</i> , 2021, 31, 2106114.	7.8	109
3	MicroRNA Let-7i Negatively Regulates Cardiac Inflammation and Fibrosis. <i>Hypertension</i> , 2015, 66, 776-785.	1.3	98
4	Molecular mechanisms of platinum-based chemotherapy resistance in ovarian cancer (Review). <i>Oncology Reports</i> , 2022, 47, .	1.2	62
5	Hypoxia inducible factor 1 α in vascular smooth muscle cells promotes angiotensin II-induced vascular remodeling via activation of CCL7-mediated macrophage recruitment. <i>Cell Death and Disease</i> , 2019, 10, 544.	2.7	54
6	Ag@SrTiO ₃ nanocomposite for super photocatalytic degradation of organic dye and catalytic reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2017, 41, 5678-5687.	1.4	49
7	Protection against doxorubicin-induced myocardial dysfunction in mice by cardiac-specific expression of carboxyl terminus of hsp70-interacting protein. <i>Scientific Reports</i> , 2016, 6, 28399.	1.6	44
8	Auto-aggregation properties of a novel aerobic denitrifier <i>Enterobacter</i> sp. strain FL. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2019-2030.	1.7	44
9	The role of hypoxia-inducible factors in cardiovascular diseases. , 2022, 238, 108186.		27
10	Amelioration of Ethanol-Induced Hepatitis by Magnesium Isoglycyrrhizinate through Inhibition of Neutrophil Cell Infiltration and Oxidative Damage. <i>Mediators of Inflammation</i> , 2017, 2017, 1-8.	1.4	25
11	Novel Cyclopentadienyl Tricarbonyl ^{99m} Tc Complexes Containing 1-Piperonylpiperazine Moiety: Potential Imaging Probes for Sigma-1 Receptors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7113-7125.	2.9	24
12	Hepatocyte Peroxisome Proliferator-Activated Receptor γ Enhances Liver Regeneration after Partial Hepatectomy in Mice. <i>American Journal of Pathology</i> , 2019, 189, 272-282.	1.9	23
13	Mutagenicity, health risk, and disease burden of exposure to organic micropollutants in water from a drinking water treatment plant in the Yangtze River Delta, China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 221, 112421.	2.9	23
14	Probabilistic health risk assessment of nitrosamines in drinking water of Shaoxing, Zhejiang, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5485-5499.	2.7	21
15	Folded nanosheet-like Co _{0.85} Se array for overall water splitting. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1785-1794.	1.2	19
16	Rational Design and Synthesis of Hexanuclear Rare Earth the - a Metal-Organic Frameworks Platform Based on RE ₆ O ₄ (OH) ₄ (COO) ₈ Clusters. <i>Crystal Growth and Design</i> , 2019, 19, 1509-1513.	1.4	18
17	Synthesis and evaluation of a ¹⁸ F-labeled spirocyclic piperidine derivative as promising β 1 receptor imaging agent. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5270-5278.	1.4	17
18	^{99m} Tc-Cyclopentadienyl Tricarbonyl Chelate-Labeled Compounds as Selective Sigma-2 Receptor Ligands for Tumor Imaging. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 934-946.	2.9	17

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19	Synthesis and biological evaluation of ¹⁸ F labeled fluoro-oligo-ethoxylated 4-benzylpiperazine derivatives for sigma-1 receptor imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 215-222.	1.4	16
20	Inhibition of Peptidyl Arginine Deiminase 4-Dependent Neutrophil Extracellular Trap Formation Reduces Angiotensin II-Induced Abdominal Aortic Aneurysm Rupture in Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 676612.	1.1	16
21	Single-crystalline titanium dioxide hollow tetragonal nanocones with large exposed (1 0 1) facets for excellent photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 420-429.	5.0	14
22	Genotoxicity of a Low-Dose Nitrosamine Mixture as Drinking Water Disinfection Byproducts in NIH3T3 Cells. <i>International Journal of Medical Sciences</i> , 2017, 14, 961-969.	1.1	13
23	Islet Function and Insulin Sensitivity in Latent Autoimmune Diabetes in Adults Taking Sitagliptin: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1529-1541.	1.8	13
24	NEK7-Mediated Activation of NLRP3 Inflammasome Is Coordinated by Potassium Efflux/Syk/JNK Signaling During Staphylococcus aureus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 747370.	2.2	13
25	DEVO: Depth-Event Camera Visual Odometry in Challenging Conditions. , 2022, , .		12
26	Cardiomyocyte peroxisome proliferator-activated receptor α is essential for energy metabolism and extracellular matrix homeostasis during pressure overload-induced cardiac remodeling. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1231-1242.	2.8	11
27	Zeasesquiterpene A-E, new sesquiterpenes from the roots of <i>Zea mays</i> . <i>F&A</i> , 2018, 131, 15-22.	1.1	10
28	DMD Mask Construction to Suppress Blocky Structural Artifacts for Medium Wave Infrared Focal Plane Array-Based Compressive Imaging. <i>Sensors</i> , 2020, 20, 900.	2.1	7
29	Synthesis and evaluation of a ¹⁸ F labeled 4-phenylpiperidine carbonitrile radioligand for α 1 receptor imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2016, 59, 332-339.	0.5	6
30	Myeloid peroxisome proliferator-activated receptor α deficiency accelerates liver regeneration via IL-6/STAT3 pathway after 2/3 partial hepatectomy in mice. <i>Hepatobiliary Surgery and Nutrition</i> , 2022, 11, 199-211.	0.7	6
31	Time-of-Flight Imaging in Fog Using Polarization Phasor Imaging. <i>Sensors</i> , 2022, 22, 3159.	2.1	5
32	The association between apolipoprotein E and gallstone disease: an updated meta-analysis. <i>BMC Medical Genetics</i> , 2019, 20, 109.	2.1	4
33	Facile and divergent optimization of chromazonarol enabled the identification of simplified drimane meroterpenoids as novel pharmaceutical leads. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113912.	2.6	4
34	Method to improve the accuracy of depth images based on differential entropy. <i>Optical Engineering</i> , 2021, 60, .	0.5	3
35	Adaptive Event Address Map Denoising for Event Cameras. <i>IEEE Sensors Journal</i> , 2022, 22, 3417-3429.	2.4	3
36	Effects of Continuous Phase and Crosslinking Agent on the Rheological Behaviors and Properties of Cationic Poly(urethane-acrylate) Emulsifier-Free Microemulsions. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 8419-8425.	0.9	2

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37	Deficiency of peroxisome proliferator-activated receptor α attenuates apoptosis and promotes migration of vascular smooth muscle cells. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101091.	0.7	2
38	Accurate depth estimation from a hybrid event-RGB stereo setup. , 2021, , .		2
39	Fluorinated anionic fenugreek gum: their self-assembly behaviors and use as a novel thickening agent in fracturing gel. <i>RSC Advances</i> , 2018, 8, 18734-18744.	1.7	1
40	miR-1968-5p is involved in the pathogenesis of lupus nephritis of NZBWF1 mice by targeting csf1. <i>Clinical and Experimental Nephrology</i> , 2021, 25, 1173-1181.	0.7	1