

Wenjuan Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

719
citations

623188

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580395

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39
all docs

39
docs citations

39
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	A mechanism for the activation of the mechanosensitive Piezo1 channel by the small molecule Yoda1. <i>Nature Communications</i> , 2019, 10, 4503.	5.8	136
2	Simulating Gram-Negative Bacterial Outer Membrane: A Coarse Grain Model. <i>Journal of Physical Chemistry B</i> , 2015, 119, 14668-14682.	1.2	69
3	PRMT1-mediated FLT3 arginine methylation promotes maintenance of FLT3-ITD+ acute myeloid leukemia. <i>Blood</i> , 2019, 134, 548-560.	0.6	58
4	Optimization and Evaluation of Site-Identification by Ligand Competitive Saturation (SILCS) as a Tool for Target-Based Ligand Optimization. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 3018-3035.	2.5	47
5	Nonleaching Antibacterial Concept Demonstrated by In Situ Construction of 2D Nanoflakes on Magnesium. <i>Advanced Science</i> , 2020, 7, 1902089.	5.6	39
6	Multiscale Approach to Investigate Self-Assembly of Telodendrimer Based Nanocarriers for Anticancer Drug Delivery. <i>Langmuir</i> , 2015, 31, 4270-4280.	1.6	38
7	Identification of Thiourea-Based Inhibitors of the B-Cell Lymphoma 6 BTB Domain via NMR-Based Fragment Screening and Computer-Aided Drug Design. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7573-7588.	2.9	35
8	Ranking Reversible Covalent Drugs: From Free Energy Perturbation to Fragment Docking. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 2093-2102.	2.5	35
9	Crowding-induced opening of the mechanosensitive Piezo1 channel in silico. <i>Communications Biology</i> , 2021, 4, 84.	2.0	35
10	PSTPIP2 inhibits cisplatin-induced acute kidney injury by suppressing apoptosis of renal tubular epithelial cells. <i>Cell Death and Disease</i> , 2020, 11, 1057.	2.7	31
11	Targeting PRMT1-mediated FLT3 methylation disrupts maintenance of MLL-rearranged acute lymphoblastic leukemia. <i>Blood</i> , 2019, 134, 1257-1268.	0.6	30
12	Senoside A prevents liver fibrosis by binding DNMT1 and suppressing DNMT1-mediated PTEN hypermethylation in HSC activation and proliferation. <i>FASEB Journal</i> , 2020, 34, 14558-14571.	0.2	22
13	Combinatorial approaches to evaluate nanodiamond uptake and induced cellular fate. <i>Nanotechnology</i> , 2016, 27, 085107.	1.3	19
14	Metal-based ionic liquid assisted synthesis of highly dispersed mesoporous Fe(III)/SiO ₂ for enhanced adsorption of antibiotics. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3815-3824.	1.6	14
15	Identification of urinary candidate biomarkers of cisplatin-induced nephrotoxicity in patients with carcinoma. <i>Journal of Proteomics</i> , 2020, 210, 103533.	1.2	14
16	Drug-Specific Design of Telodendrimer Architecture for Effective Doxorubicin Encapsulation. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9766-9777.	1.2	13
17	Inhibition of Histone H3K27 Acetylation Orchestrates Interleukin-9-Mediated and Plays an Anti-Inflammatory Role in Cisplatin-Induced Acute Kidney Injury. <i>Frontiers in Immunology</i> , 2020, 11, 231.	2.2	12
18	Macrophage-derived, LRG1-enriched extracellular vesicles exacerbate aristolochic acid nephropathy in a TGF β 1-dependent manner. <i>Cell Biology and Toxicology</i> , 2022, 38, 629-648.	2.4	11

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19	Ion Pairing and Dielectric Decrement in Glycosaminoglycan Brushes. <i>Journal of Physical Chemistry B</i> , 2021, 125, 2771-2780.	1.2	8
20	A novel voltage-clamp/dye uptake assay reveals saturable transport of molecules through CALHM1 and connexin channels. <i>Journal of General Physiology</i> , 2020, 152, .	0.9	8
21	Mechanical properties of anionic asymmetric bilayers from atomistic simulations. <i>Journal of Chemical Physics</i> , 2021, 154, 224701.	1.2	7
22	Prostate cancer biomarker identification using MALDI-MS DATA: Initial results. , 2009, , .		6
23	Insight into Molecular Mechanism for Activin A-Induced Bone Morphogenetic Protein Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6498.	1.8	6
24	Free energy and kinetics of cAMP permeation through connexin26 via applied voltage and milestoning. <i>Biophysical Journal</i> , 2021, 120, 2969-2983.	0.2	5
25	Platelet Activating Factor Receptor Exaggerates Microglia-Mediated Microenvironment by IL10-STAT3 Signaling: A Novel Potential Biomarker and Target for Diagnosis and Treatment of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 856628.	1.7	5
26	Neuromarkers from Whole-Brain Functional Connectivity Reveal the Cognitive Recovery Scheme for Overt Hepatic Encephalopathy after Liver Transplantation. <i>ENeuro</i> , 2021, 8, ENEURO.0114-21.2021.	0.9	4
27	Hippocampal asymmetry of regional development and structural covariance in preterm neonates. <i>Cerebral Cortex</i> , 2022, 32, 4271-4283.	1.6	4
28	Antibacterial Biomaterials: Nonleaching Antibacterial Concept Demonstrated by In Situ Construction of 2D Nanoflakes on Magnesium (<i>Adv. Sci.</i> 1/2020). <i>Advanced Science</i> , 2020, 7, 2070006.	5.6	3
29	An Open State Was Induced by Mimicking Mechanosensitive Piezo1 Channel Clusters in Molecular Dynamic Simulations. <i>Biophysical Journal</i> , 2021, 120, 228a.	0.2	0
30	In Silico Transmission of Cyclic Amp through Connexin 26 via Milestoning and External Electric Field Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2021, 120, 178a.	0.2	0