

# Pu Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

595  
citations

687363

13  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Layered SiC Sheets: A Potential Catalyst for Oxygen Reduction Reaction. <i>Scientific Reports</i> , 2014, 4, 3821.	3.3	104
2	Versatile and Ultrasensitive Electrochemiluminescence Biosensor for Biomarker Detection Based on Nonenzymatic Amplification and Aptamer-Triggered Emitter Release. <i>Analytical Chemistry</i> , 2019, 91, 3452-3458.	6.5	91
3	Potential dependent and structural selectivity of the oxygen reduction reaction on nitrogen-doped carbon nanotubes: a density functional theory study. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11715.	2.8	52
4	Sequential Binding of $\beta$ 2 and ICAM-1 Determines Fibrin-Mediated Melanoma Capture and Stable Adhesion to CD11b/CD18 on Neutrophils. <i>Journal of Immunology</i> , 2011, 186, 242-254.	0.8	48
5	Melanoma upregulates ICAM-1 expression on endothelial cells through engagement of tumor CD44 with endothelial E-selectin and activation of a PKC $\beta$ 3 pathway. <i>FASEB Journal</i> , 2014, 28, 4591-4609.	0.5	42
6	Structures and Quantum Conduction of Copper Nanowires under Electric Fields Using First Principles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 9045-9049.	3.1	41
7	CD82 suppresses CD44 alternative splicing-dependent melanoma metastasis by mediating U2AF2 ubiquitination and degradation. <i>Oncogene</i> , 2016, 35, 5056-5069.	5.9	32
8	CD44 variant, but not standard CD44 isoforms, mediate disassembly of endothelial VE-cadherin junction on metastatic melanoma cells. <i>FEBS Letters</i> , 2014, 588, 4573-4582.	2.8	23
9	C6-ceramide nanoliposome suppresses tumor metastasis by eliciting PI3K and PKC $\eta$ tumor-suppressive activities and regulating integrin affinity modulation. <i>Scientific Reports</i> , 2015, 5, 9275.	3.3	21
10	Synthesis and preliminary evaluation of novel $^{99m}\text{Tc}$ -labeled folate derivative via click reaction for SPECT imaging. <i>Applied Radiation and Isotopes</i> , 2014, 91, 24-30.	1.5	18
11	Structure, mechanical property and corrosion behaviors of (HA + $\beta$ -TCP)/Mg-5Sn composite with interpenetrating networks. <i>Materials Science and Engineering C</i> , 2015, 56, 386-392.	7.3	18
12	Behaviors of Monomer $\text{H}_2\text{O}$ on the Cu(111) Surface under Surface Charges. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19331-19337.	3.1	16
13	Lysosomal Degradation of CD44 Mediates Ceramide Nanoliposome-induced Anoikis and Diminished Extravasation in Metastatic Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 8632-8643.	3.4	14
14	RacGAP1-driven focal adhesion formation promotes melanoma transendothelial migration through mediating adherens junction disassembly. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 1-9.	2.1	14
15	Kit formulated asialoglycoprotein receptor targeting tracer based on copolymer for liver SPECT imaging. <i>Nuclear Medicine and Biology</i> , 2014, 41, 587-593.	0.6	13
16	Analytical SER Performance Bound of M-QAM MIMO System with ZF-SIC Receiver. , 2008, , .		12
17	Polychlorinated biphenyl quinone induces endothelial barrier dysregulation by setting the cross talk between VE-cadherin, focal adhesion, and MAPK signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1205-H1214.	3.2	9
18	Synthesis and Bio-Evaluation of New $^{18}\text{F}$ -Labeled Pyridaben Analogs with Improved Stability for Myocardial Perfusion Imaging in Mice. <i>Chemical Biology and Drug Design</i> , 2015, 86, 351-361.	3.2	7

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19	Synthesis, X-Ray Crystal Structure, and Catalytic Epoxidation Property of an Oxovanadium(V) Complex with Hydrazone and Ethyl Maltol Ligands. <i>Journal of Structural Chemistry</i> , 2019, 60, 1299-1305.	1.0	7
20	Outage Capacity of Spectrum Sharing Cognitive Radio with Channel Estimation Errors and Feedback Delay in Rayleigh Fading Environments. <i>Frequenz</i> , 2013, 67, .	0.9	3
21	A new pencil beam model for photon dose calculations in heterogeneous media. <i>Physica Medica</i> , 2014, 30, 765-773.	0.7	2
22	Cross-Layer Design for the MIMO System with Zero-Forcing Receiver in the Presence of Channel Estimation Error. , 2008, , .		1
23	Substituent group effects on the self-assembly of oxovanadium(V) complexes with hydrazone ligands bearing benzoic acid (1-methyl-3-oxobutylidene)hydrazide backbones. <i>Journal of Structural Chemistry</i> , 2016, 57, 840-844.	1.0	1
24	Preparation ways and photoluminescence of mesoporous alumina. <i>Russian Journal of Physical Chemistry A</i> , 2010, 84, 2351-2354.	0.6	0
25	Probabilistic Prediction of Elastic Parameters Constrained by Sparse Lithology Prior. , 2022, , .		0