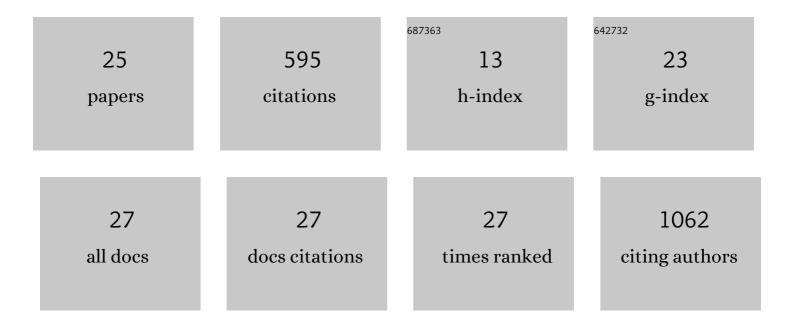
Pu Zhang

List of Publications by Year in descending order

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<u>Ρυ Ζηγνς</u>

#	Article	IF	CITATIONS
1	Layered SiC Sheets: A Potential Catalyst for Oxygen Reduction Reaction. Scientific Reports, 2014, 4, 3821.	3.3	104
2	Versatile and Ultrasensitive Electrochemiluminescence Biosensor for Biomarker Detection Based on Nonenzymatic Amplification and Aptamer-Triggered Emitter Release. Analytical Chemistry, 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. Physical Chemistry Chemical Physics, 2012, 14, 11715.	2.8	52
4	Sequential Binding of αvβ3 and ICAM-1 Determines Fibrin-Mediated Melanoma Capture and Stable Adhesion to CD11b/CD18 on Neutrophils. Journal of Immunology, 2011, 186, 242-254.	0.8	48
5	Melanoma upregulates ICAMâ€1 expression on endothelial cells through engagement of tumor CD44 with endothelial Eâ€selectin and activation of a PKCα–p38â€SPâ€1 pathway. FASEB Journal, 2014, 28, 4591-4	609 ⁵	42
6	Structures and Quantum Conduction of Copper Nanowires under Electric Fields Using First Principles. Journal of Physical Chemistry C, 2008, 112, 9045-9049.	3.1	41
7	CD82 suppresses CD44 alternative splicing-dependent melanoma metastasis by mediating U2AF2 ubiquitination and degradation. Oncogene, 2016, 35, 5056-5069.	5.9	32
8	CD44 variant, but not standard CD44 isoforms, mediate disassembly of endothelial VE adherin junction on metastatic melanoma cells. FEBS Letters, 2014, 588, 4573-4582.	2.8	23
9	C6-ceramide nanoliposome suppresses tumor metastasis by eliciting PI3K and PKCζ tumor-suppressive activities and regulating integrin affinity modulation. Scientific Reports, 2015, 5, 9275.	3.3	21
10	Synthesis and preliminary evaluation of novel 99mTc-labeled folate derivative via click reaction for SPECT imaging. Applied Radiation and Isotopes, 2014, 91, 24-30.	1.5	18
11	Structure, mechanical property and corrosion behaviors of (HA + β-TCP)/Mg–5Sn composite with interpenetrating networks. Materials Science and Engineering C, 2015, 56, 386-392.	7.3	18
12	Behaviors of Monomer H ₂ 0 on the Cu(111) Surface under Surface Charges. Journal of Physical Chemistry C, 2010, 114, 19331-19337.	3.1	16
13	Lysosomal Degradation of CD44 Mediates Ceramide Nanoliposome-induced Anoikis and Diminished Extravasation in Metastatic Carcinoma Cells. Journal of Biological Chemistry, 2015, 290, 8632-8643.	3.4	14
14	RacGAP1-driven focal adhesion formation promotes melanoma transendothelial migration through mediating adherens junction disassembly. Biochemical and Biophysical Research Communications, 2015, 459, 1-9.	2.1	14
15	Kit formulated asialoglycoprotein receptor targeting tracer based on copolymer for liver SPECT imaging. Nuclear Medicine and Biology, 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. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1205-H1214.	3.2	9
18	Synthesis and Bioâ€Evaluation of New ¹⁸ Fâ€Labeled Pyridaben Analogs with Improved Stability for Myocardial Perfusion Imaging in Mice. Chemical Biology and Drug Design, 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. Journal of Structural Chemistry, 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. Frequenz, 2013, 67, .	0.9	3
21	A new pencil beam model for photon dose calculations in heterogeneous media. Physica Medica, 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. Journal of Structural Chemistry, 2016, 57, 840-844.	1.0	1
24	Preparation ways and photoluminescence of mesoporous alumina. Russian Journal of Physical Chemistry A, 2010, 84, 2351-2354.	0.6	0
25	Probabilistic Prediction of Elastic Parameters Constrained by Sparse Lithology Prior. , 2022, , .		Ο