

Yufeng Zhai

List of Publications by Year in descending order

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34
papers

3,083
citations

394421

19
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

4674
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring Interlayer Spacers for Efficient and Stable Formamidinium-Based Low-Dimensional Perovskite Solar Cells. <i>Advanced Materials</i> , 2022, 34, e2106380.	21.0	42
2	Pro-inflammatory mediators released by activated monocytes promote aortic valve fibrocalcific activity. <i>Molecular Medicine</i> , 2022, 28, 5.	4.4	4
3	Construction of a Three-dimensional Covalent Organic Framework via the Linker Exchange Strategy. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 402-408.	2.6	7
4	Elevated Expression of TLR2 in Aging Hearts Exacerbates Cardiac Inflammatory Response and Adverse Remodeling Following Ischemia and Reperfusion Injury. <i>Frontiers in Immunology</i> , 2022, 13, 891570.	4.8	4
5	Monocytes augment inflammatory responses in human aortic valve interstitial cells via β 2-integrin/ICAM-1-mediated signaling. <i>Inflammation Research</i> , 2022, 71, 681-694.	4.0	5
6	Highly Thermostable and Efficient Formamidinium-Based Low-Dimensional Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 856-864.	13.8	75
7	Highly Thermostable and Efficient Formamidinium-Based Low-Dimensional Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2021, 133, 869-877.	2.0	12
8	Single-cell RNA-seq reveals a critical role of novel pro-inflammatory EndMT in mediating adverse remodeling in coronary artery-on-a-chip. <i>Science Advances</i> , 2021, 7, .	10.3	21
9	MicroRNA-204 Deficiency in Human Aortic Valves Elevates Valvular Osteogenic Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 76.	4.1	12
10	TLR4 Stimulation Promotes Human AVIC Fibrogenic Activity through Upregulation of Neurotrophin 3 Production. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1276.	4.1	5
11	Mechanistic Roles of Matrilin-2 and Klotho in Modulating the Inflammatory Activity of Human Aortic Valve Cells. <i>Cells</i> , 2020, 9, 385.	4.1	8
12	Construction of Covalent Organic Frameworks (COFs) from Amorphous Covalent Organic Polymers via Linkage Replacement. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17679-17683.	13.8	78
13	Construction of Covalent Organic Frameworks (COFs) from Amorphous Covalent Organic Polymers via Linkage Replacement. <i>Angewandte Chemie</i> , 2019, 131, 17843-17847.	2.0	13
14	A Novel Strategy for the Construction of Covalent Organic Frameworks from Nonporous Covalent Organic Polymers. <i>Angewandte Chemie</i> , 2019, 131, 4960-4964.	2.0	22
15	A Novel Strategy for the Construction of Covalent Organic Frameworks from Nonporous Covalent Organic Polymers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4906-4910.	13.8	76
16	A Molecular Rotor-Based Halo-Tag Ligand Enables a Fluorogenic Proteome Stress Sensor to Detect Protein Misfolding in Mildly Stressed Proteome. <i>Bioconjugate Chemistry</i> , 2018, 29, 215-224.	3.6	38
17	Interleukin-37 suppresses the osteogenic responses of human aortic valve interstitial cells in vitro and alleviates valve lesions in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1631-1636.	7.1	91
18	Interleukin-37 suppresses the inflammatory response to protect cardiac function in old endotoxemic mice. <i>Cytokine</i> , 2017, 95, 55-63.	3.2	25

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19	Lysophosphatidylcholine activates the Akt pathway to upregulate extracellular matrix protein production in human aortic valve cells. <i>Journal of Surgical Research</i> , 2017, 213, 243-250.	1.6	13
20	IL-37 Suppresses MyD88-mediated Inflammatory Responses in Human Aortic Valve Interstitial Cells. <i>Molecular Medicine</i> , 2017, 23, 83-91.	4.4	36
21	Klotho suppresses the inflammatory responses and ameliorates cardiac dysfunction in aging endotoxemic mice. <i>Oncotarget</i> , 2017, 8, 15663-15676.	1.8	66
22	Attenuated Recovery of Contractile Function in Aging Hearts Following Global Ischemia/Reperfusion: Role of Extracellular HSP27 and TLR4. <i>Molecular Medicine</i> , 2016, 22, 863-872.	4.4	6
23	Toll-like Receptor 4 Mediates the Inflammatory Responses and Matrix Protein Remodeling in Remote Non-Ischemic Myocardium in a Mouse Model of Myocardial Ischemia and Reperfusion. <i>PLoS ONE</i> , 2015, 10, e0121853.	2.5	12
24	Gender disparity in the role of TLR2 in post-ischemic myocardial inflammation and injury. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 10537-47.	1.3	6
25	Enhanced monocyte chemoattractant protein-1 production in aging mice exaggerates cardiac depression during endotoxemia. <i>Critical Care</i> , 2014, 18, 527.	5.8	24
26	The minimal kinome of <i>Giardia lamblia</i> illuminates early kinase evolution and unique parasite biology. <i>Genome Biology</i> , 2011, 12, R66.	8.8	123
27	The <i>Amphimedon queenslandica</i> genome and the evolution of animal complexity. <i>Nature</i> , 2010, 466, 720-726.	27.8	917
28	The β -barrel finder (BBF) program, allowing identification of outer membrane β -barrel proteins encoded within prokaryotic genomes. <i>Protein Science</i> , 2009, 11, 2196-2207.	7.6	94
29	The protist, <i>Monosiga brevicollis</i> , has a tyrosine kinase signaling network more elaborate and diverse than found in any known metazoan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9674-9679.	7.1	191
30	The Sorcerer II Global Ocean Sampling Expedition: Expanding the Universe of Protein Families. <i>PLoS Biology</i> , 2007, 5, e16.	5.6	736
31	Structural and Functional Diversity of the Microbial Kinome. <i>PLoS Biology</i> , 2007, 5, e17.	5.6	239
32	A web-based Tree View (TV) program for the visualization of phylogenetic trees. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2002, 4, 69-70.	1.0	43
33	A simple sensitive program for detecting internal repeats in sets of multiply aligned homologous proteins. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2002, 4, 375-7.	1.0	18
34	Synthesis and acetylcholinesterase inhibitory activity of huperzine A's E2020 combined compound. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 3279-3284.	2.2	21