

# 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	The Amphimedon queenslandica genome and the evolution of animal complexity. Nature, 2010, 466, 720-726.	27.8	917
2	The Sorcerer II Global Ocean Sampling Expedition: Expanding the Universe of Protein Families. PLoS Biology, 2007, 5, e16.	5.6	736
3	Structural and Functional Diversity of the Microbial Kinome. PLoS Biology, 2007, 5, e17.	5.6	239
4	The protist, <i>Monosiga brevicollis</i> , has a tyrosine kinase signaling network more elaborate and diverse than found in any known metazoan. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9674-9679.	7.1	191
5	The minimal kinome of Giardia lamblia illuminates early kinase evolution and unique parasite biology. Genome Biology, 2011, 12, R66.	8.8	123
6	The Î²-barrel finder (BBF) program, allowing identification of outer membrane Î²-barrel proteins encoded within prokaryotic genomes. Protein Science, 2009, 11, 2196-2207.	7.6	94
7	Interleukin-37 suppresses the osteogenic responses of human aortic valve interstitial cells in vitro and alleviates valve lesions in mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1631-1636.	7.1	91
8	Construction of Covalent Organic Frameworks (COFs) from Amorphous Covalent Organic Polymers via Linkage Replacement. Angewandte Chemie - International Edition, 2019, 58, 17679-17683.	13.8	78
9	A Novel Strategy for the Construction of Covalent Organic Frameworks from Nonporous Covalent Organic Polymers. Angewandte Chemie - International Edition, 2019, 58, 4906-4910.	13.8	76
10	Highly Thermostable and Efficient Formamidinium-Based Low-Dimensional Perovskite Solar Cells. Angewandte Chemie - International Edition, 2021, 60, 856-864.	13.8	75
11	Klotho suppresses the inflammatory responses and ameliorates cardiac dysfunction in aging endotoxemic mice. Oncotarget, 2017, 8, 15663-15676.	1.8	66
12	A web-based Tree View (TV) program for the visualization of phylogenetic trees. Journal of Molecular Microbiology and Biotechnology, 2002, 4, 69-70.	1.0	43
13	Tailoring Interlayer Spacers for Efficient and Stable Formamidinium-Based Low-Dimensional Perovskite Solar Cells. Advanced Materials, 2022, 34, e2106380.	21.0	42
14	A Molecular Rotor-Based Halo-Tag Ligand Enables a Fluorogenic Proteome Stress Sensor to Detect Protein Misfolding in Mildly Stressed Proteome. Bioconjugate Chemistry, 2018, 29, 215-224.	3.6	38
15	IL-37 Suppresses MyD88-mediated Inflammatory Responses in Human Aortic Valve Interstitial Cells. Molecular Medicine, 2017, 23, 83-91.	4.4	36
16	Interleukin-37 suppresses the inflammatory response to protect cardiac function in old endotoxemic mice. Cytokine, 2017, 95, 55-63.	3.2	25
17	Enhanced monocyte chemoattractant protein-1 production in aging mice exaggerates cardiac depression during endotoxemia. Critical Care, 2014, 18, 527.	5.8	24
18	A Novel Strategy for the Construction of Covalent Organic Frameworks from Nonporous Covalent Organic Polymers. Angewandte Chemie, 2019, 131, 4960-4964.	2.0	22

#	ARTICLE	IF	CITATIONS
19	Synthesis and acetylcholinesterase inhibitory activity of huperzine Aâ€”E2020 combined compound. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 3279-3284.	2.2	21
20	Single-cell RNA-seq reveals a critical role of novel pro-inflammatory EndMT in mediating adverse remodeling in coronary arteryâ€”onâ€”aâ€”chip. <i>Science Advances</i> , 2021, 7, .	10.3	21
21	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
22	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
23	Construction of Covalentâ€”Organic Frameworks (COFs) from Amorphous Covalent Organic Polymers via Linkage Replacement. <i>Angewandte Chemie</i> , 2019, 131, 17843-17847.	2.0	13
24	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
25	MicroRNA-204 Deficiency in Human Aortic Valves Elevates Valvular Osteogenic Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 76.	4.1	12
26	Highly Thermostable and Efficient Formamidiniumâ€”Based Lowâ€”Dimensional Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2021, 133, 869-877.	2.0	12
27	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
28	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
29	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
30	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
31	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
32	Monocytes augment inflammatory responses in human aortic valve interstitial cells via Î²2-integrin/ICAM-1-mediated signaling. <i>Inflammation Research</i> , 2022, 71, 681-694.	4.0	5
33	Pro-inflammatory mediators released by activated monocytes promote aortic valve fibrocalcific activity. <i>Molecular Medicine</i> , 2022, 28, 5.	4.4	4
34	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