

# Bo Shui

## List of Publications by Year in descending order

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14  
papers

988  
citations

840776

11  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical, Molecular, and Single-nucleus Analysis Reveal Chondroitin Sulfate Proteoglycan Aberrancy in Fibrolamellar Carcinoma. <i>Cancer Research Communications</i> , 2022, 2, 663-678.	1.7	3
2	Calcium Signal Profiles in Vascular Endothelium from Cdh5-GCaMP8 and Cx40-GCaMP2 Mice. <i>Journal of Vascular Research</i> , 2021, 58, 159-171.	1.4	9
3	Local IP <sub>3</sub> receptor-mediated Ca <sup>2+</sup> signals compound to direct blood flow in brain capillaries. <i>Science Advances</i> , 2021, 7, .	10.3	46
4	Genetically engineered mice for combinatorial cardiovascular optobiology. <i>ELife</i> , 2021, 10, .	6.0	9
5	Contractile pericytes determine the direction of blood flow at capillary junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27022-27033.	7.1	127
6	Central role of IP <sub>3</sub> -mediated Ca <sup>2+</sup> oscillation in self-renewal of liver cancer stem cells elucidated by high-signal ER sensor. <i>Cell Death and Disease</i> , 2019, 10, 396.	6.3	22
7	Extracellular histones induce calcium signals in the endothelium of resistance-sized mesenteric arteries and cause loss of endothelium-dependent dilation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1309-H1322.	3.2	29
8	Optogenetic sensors and effectors: CHROMus <sup>2</sup> —the Cornell Heart Lung Blood Institute Resource for Optogenetic Mouse Signaling. <i>Frontiers in Physiology</i> , 2014, 5, 428.	2.8	22
9	Junctional Cleft [Ca <sup>2+</sup> ] Measurements Using Novel Cleft-Targeted Ca <sup>2+</sup> Sensors. <i>Circulation Research</i> , 2014, 115, 339-347.	4.5	44
10	RNA aptamers that functionally interact with green fluorescent protein and its derivatives. <i>Nucleic Acids Research</i> , 2012, 40, e39-e39.	14.5	47
11	Circular Permutation of Red Fluorescent Proteins. <i>PLoS ONE</i> , 2011, 6, e20505.	2.5	32
12	Functional architecture of inositol 1,4,5-trisphosphate signaling in restricted spaces of myoendothelial projections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9627-9632.	7.1	252
13	Propagated Endothelial Ca <sup>2+</sup> Waves and Arteriolar Dilation In Vivo. <i>Circulation Research</i> , 2007, 101, 1300-1309.	4.5	186
14	BAC transgenic mice express enhanced green fluorescent protein in central and peripheral cholinergic neurons. <i>Physiological Genomics</i> , 2006, 27, 391-397.	2.3	160