

# Bo Shui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/356506/publications.pdf>

Version: 2024-02-01

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	Functional architecture of inositol 1,4,5-trisphosphate signaling in restricted spaces of myoendothelial projections. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9627-9632.	7.1	252
2	Propagated Endothelial Ca <sup>2+</sup> Waves and Arteriolar Dilation In Vivo. Circulation Research, 2007, 101, 1300-1309.	4.5	186
3	BAC transgenic mice express enhanced green fluorescent protein in central and peripheral cholinergic neurons. Physiological Genomics, 2006, 27, 391-397.	2.3	160
4	Contractile pericytes determine the direction of blood flow at capillary junctions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27022-27033.	7.1	127
5	RNA aptamers that functionally interact with green fluorescent protein and its derivatives. Nucleic Acids Research, 2012, 40, e39-e39.	14.5	47
6	Local IP <sub>3</sub> receptor-mediated Ca <sup>2+</sup> signals compound to direct blood flow in brain capillaries. Science Advances, 2021, 7, .	10.3	46
7	Junctional Cleft [Ca <sup>2+</sup> ] Measurements Using Novel Cleft-Targeted Ca <sup>2+</sup> Sensors. Circulation Research, 2014, 115, 339-347.	4.5	44
8	Circular Permutation of Red Fluorescent Proteins. PLoS ONE, 2011, 6, e20505.	2.5	32
9	Extracellular histones induce calcium signals in the endothelium of resistance-sized mesenteric arteries and cause loss of endothelium-dependent dilation. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1309-H1322.	3.2	29
10	Optogenetic sensors and effectors: CHROMus <sup>2</sup> at the Cornell Heart Lung Blood Institute Resource for Optogenetic Mouse Signaling. Frontiers in Physiology, 2014, 5, 428.	2.8	22
11	Central role of IP <sub>3</sub> R2-mediated Ca <sup>2+</sup> oscillation in self-renewal of liver cancer stem cells elucidated by high-signal ER sensor. Cell Death and Disease, 2019, 10, 396.	6.3	22
12	Calcium Signal Profiles in Vascular Endothelium from Cdh5-GCaMP8 and Cx40-GCaMP2 Mice. Journal of Vascular Research, 2021, 58, 159-171.	1.4	9
13	Genetically engineered mice for combinatorial cardiovascular optobiology. ELife, 2021, 10, .	6.0	9
14	Chemical, Molecular, and Single-nucleus Analysis Reveal Chondroitin Sulfate Proteoglycan Aberrancy in Fibrolamellar Carcinoma. Cancer Research Communications, 2022, 2, 663-678.	1.7	3