

# Yu-Rong Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1611515/publications.pdf>

Version: 2024-02-01

9  
papers

464  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Time to wake up: Studying neurovascular coupling and brain-wide circuit function in the un-anesthetized animal. <i>NeuroImage</i> , 2017, 153, 382-398.	4.2	177
2	Mechanical restriction of intracortical vessel dilation by brain tissue sculpts the hemodynamic response. <i>NeuroImage</i> , 2015, 115, 162-176.	4.2	58
3	Quantitative separation of arterial and venous cerebral blood volume increases during voluntary locomotion. <i>NeuroImage</i> , 2015, 105, 369-379.	4.2	56
4	Robust blind spectral unmixing for fluorescence microscopy using unsupervised learning. <i>PLoS ONE</i> , 2019, 14, e0225410.	2.5	49
5	Effects of Voluntary Locomotion and Calcitonin Gene-Related Peptide on the Dynamics of Single Dural Vessels in Awake Mice. <i>Journal of Neuroscience</i> , 2016, 36, 2503-2516.	3.6	47
6	Determination of Vessel Cross-Sectional Area by Thresholding in Radon Space. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1180-1187.	4.3	37
7	Longitudinal neural and vascular structural dynamics produced by chronic microelectrode implantation. <i>Biomaterials</i> , 2020, 238, 119831.	11.4	19
8	CXCL10+ peripheral activation niches couple preferred sites of Th1 entry with optimal APC encounter. <i>Cell Reports</i> , 2021, 36, 109523.	6.4	12
9	Longitudinal multimodal assessment of neurodegeneration and vascular remodeling correlated with signal degradation in chronic cortical silicon microelectrodes. <i>Neurophotonics</i> , 2020, 7, 1.	3.3	6