

Boaz Mohar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

1,286
citations

11
h-index

26
g-index

26
ext. papers

2,016
ext. citations

9.5
avg, IF

3.98
L-index

#	Paper	IF	Citations
18	Visualizing cellular and tissue ultrastructure using Ten-fold Robust Expansion Microscopy (TReX).. <i>ELife</i> , 2022 , 11,	8.9	5
17	Meningeal lymphoid structures are activated under acute and chronic spinal cord pathologies. <i>Life Science Alliance</i> , 2021 , 4,	5.8	4
16	A general method to optimize and functionalize red-shifted rhodamine dyes. <i>Nature Methods</i> , 2020 , 17, 815-821	21.6	58
15	High-performance calcium sensors for imaging activity in neuronal populations and microcompartments. <i>Nature Methods</i> , 2019 , 16, 649-657	21.6	356
14	Functional clustering of dendritic activity during decision-making. <i>ELife</i> , 2019 , 8,	8.9	38
13	Video-rate volumetric functional imaging of the brain at synaptic resolution. <i>Nature Neuroscience</i> , 2017 , 20, 620-628	25.5	160
12	Author response: Sensitive red protein calcium indicators for imaging neural activity 2016 ,		9
11	Sensitive red protein calcium indicators for imaging neural activity. <i>ELife</i> , 2016 , 5,	8.9	484
10	The Transformation of Adaptation Specificity to Whisker Identity from Brainstem to Thalamus. <i>Frontiers in Systems Neuroscience</i> , 2016 , 10, 56	3.5	5
9	Faithful Representation of Tactile Intensity under Different Contexts Emerges from the Distinct Adaptive Properties of the First Somatosensory Relay Stations. <i>Journal of Neuroscience</i> , 2015 , 35, 6997-7002	6.6	11
8	Blood glutamate scavenging as a novel neuroprotective treatment for paraoxon intoxication. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 221-7	7.3	21
7	Opposite adaptive processing of stimulus intensity in two major nuclei of the somatosensory brainstem. <i>Journal of Neuroscience</i> , 2013 , 33, 15394-400	6.6	15
6	Blood glutamate scavengers prolong the survival of rats and mice with brain-implanted gliomas. <i>Investigational New Drugs</i> , 2012 , 30, 2226-35	4.3	37
5	Determination of factors affecting glutamate concentrations in the whole blood of healthy human volunteers. <i>Journal of Neurosurgical Anesthesiology</i> , 2011 , 23, 45-9	3	28
4	The effects of estrogen and progesterone on blood glutamate levels: evidence from changes of blood glutamate levels during the menstrual cycle in women. <i>Biology of Reproduction</i> , 2011 , 84, 581-6	3.9	41
3	Optimization and functionalization of red-shifted rhodamine dyes		2
2	Local and thalamic origins of ongoing and sensory evoked cortical correlations		1

1 Visualizing cellular and tissue ultrastructure using Ten-fold Robust Expansion Microscopy (TReX)

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