

# Boaz Mohar

## List of Publications by Citations

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

1 Local and thalamic origins of ongoing and sensory evoked cortical correlations

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