

# Peter O Bayguinov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4964777/publications.pdf>

Version: 2024-02-01

19  
papers

855  
citations

933447

10  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional characterization of the dural sinuses as a neuroimmune interface. <i>Cell</i> , 2021, 184, 1000-1016.e27.	28.9	299
2	Heterogeneity of meningeal B cells reveals a lymphopoietic niche at the CNS borders. <i>Science</i> , 2021, 373, .	12.6	218
3	Resident cardiac macrophages mediate adaptive myocardial remodeling. <i>Immunity</i> , 2021, 54, 2072-2088.e7.	14.3	76
4	Modern Laser Scanning Confocal Microscopy. <i>Current Protocols in Cytometry</i> , 2018, 85, e39.	3.7	70
5	Single-trial imaging of spikes and synaptic potentials in single neurons in brain slices with genetically encoded hybrid voltage sensor. <i>Journal of Neurophysiology</i> , 2015, 113, 1249-1259.	1.8	38
6	Imaging Voltage in Genetically Defined Neuronal Subpopulations with a Cre Recombinase-Targeted Hybrid Voltage Sensor. <i>Journal of Neuroscience</i> , 2017, 37, 9305-9319.	3.6	24
7	Action Potential Dynamics in Fine Axons Probed with an Axonally Targeted Optical Voltage Sensor. <i>ENeuro</i> , 2017, 4, ENEURO.0146-17.2017.	1.9	22
8	Plasmodium falciparum translational machinery condones polyadenosine repeats. <i>ELife</i> , 2020, 9, .	6.0	22
9	The Zinc Finger Transcription Factor PLAGL2 Enhances Stem Cell Fate and Activates Expression of ASCL2 in Intestinal Epithelial Cells. <i>Stem Cell Reports</i> , 2018, 11, 410-424.	4.8	19
10	A hard-wired priority map in the superior colliculus shaped by asymmetric inhibitory circuitry. <i>Journal of Neurophysiology</i> , 2015, 114, 662-676.	1.8	18
11	Assaying three-dimensional cellular architecture using X-ray tomographic and correlated imaging approaches. <i>Journal of Biological Chemistry</i> , 2020, 295, 15782-15793.	3.4	10
12	Pancreatic $\beta$ -Cell-Specific Deletion of VPS41 Causes Diabetes Due to Defects in Insulin Secretion. <i>Diabetes</i> , 2021, 70, 436-448.	0.6	10
13	Optical studies of action potential dynamics with hVOS probes. <i>Current Opinion in Biomedical Engineering</i> , 2019, 12, 51-58.	3.4	8
14	Tropism of Severe Acute Respiratory Syndrome Coronavirus 2 for Barrett's Esophagus May Increase Susceptibility to Developing Coronavirus Disease 2019. <i>Gastroenterology</i> , 2021, 160, 2165-2168.e4.	1.3	6
15	Osteolineage depletion of mitofusin2 enhances cortical bone formation in female mice. <i>Bone</i> , 2021, 148, 115941.	2.9	5
16	Direct synaptic excitation between hilar mossy cells revealed with a targeted voltage sensor. <i>Hippocampus</i> , 2021, 31, 1215-1232.	1.9	5
17	Combined Experimental Approach and Finite Element Modeling of Small Molecule Transport Through Joint Synovium to Measure Effective Diffusivity. <i>Journal of Biomechanical Engineering</i> , 2020, 142, .	1.3	4
18	Navigating the Fog: A Correlated XRM and FIB-SEM Imaging Pipeline for the Rapid and Precise Spatial Targeting of Rare Structures in Biological Samples. <i>Microscopy and Microanalysis</i> , 2018, 24, 2312-2313.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Cover Image, Volume 31, Issue 11. Hippocampus, 2021, 31, C1.	1.9	0