

Jonathan Bradley

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,703
citations

516215

16
h-index

839053

18
g-index

35
all docs

35
docs citations

35
times ranked

2078
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Synergism of type 1 metabotropic and ionotropic glutamate receptors in cerebellar molecular layer interneurons in vivo. <i>ELife</i> , 2020, 9, . | 2.8 | 3 |
| 2 | Ultrafast Two-Photon Imaging of a High-Gain Voltage Indicator in Awake Behaving Mice. <i>Cell</i> , 2019, 179, 1590-1608.e23. | 13.5 | 242 |
| 3 | Multiphoton Ultrafast Local Volume Excitation (ULOVE) Through Acousto-optic Wavefront Shaping to Record and Control Neuronal Activity. , 2018, , . | | 0 |
| 4 | Fast-Response Calmodulin-Based Fluorescent Indicators Reveal Rapid Intracellular Calcium Dynamics. <i>Scientific Reports</i> , 2015, 5, 15978. | 1.6 | 45 |
| 5 | An excitatory GABA loop operating in vivo. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 275. | 1.8 | 26 |
| 6 | A FIBERSCOPE FOR SPATIALLY SELECTIVE PHOTOACTIVATION AND FUNCTIONAL FLUORESCENCE IMAGING IN FREELY BEHAVING MICE. , 2015, , . | | 0 |
| 7 | Spatially Selective Holographic Photoactivation and Functional Fluorescence Imaging in Freely Behaving Mice with a Fiberscope. <i>Neuron</i> , 2014, 84, 1157-1169. | 3.8 | 163 |
| 8 | Functional patterned multiphoton excitation deep inside scattering tissue. <i>Nature Photonics</i> , 2013, 7, 274-278. | 15.6 | 103 |
| 9 | Encoded multisite two-photon microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13138-13143. | 3.3 | 60 |
| 10 | Submillisecond Optical Reporting of Membrane Potential<i>In Situ</i> Using a Neuronal Tracer Dye. <i>Journal of Neuroscience</i> , 2009, 29, 9197-9209. | 1.7 | 94 |
| 11 | Aplysia cys-loop Glutamate-Gated Chloride Channels Reveal Convergent Evolution of Ligand Specificity. <i>Journal of Molecular Evolution</i> , 2009, 69, 125-141. | 0.8 | 44 |
| 12 | Spectral Unmixing: Analysis of Performance in the Olfactory Bulb In Vivo. <i>PLoS ONE</i> , 2009, 4, e4418. | 1.1 | 28 |
| 13 | Loss of CNGB1 Protein Leads to Olfactory Dysfunction and Subciliary Cyclic Nucleotide-gated Channel Trapping. <i>Journal of Biological Chemistry</i> , 2006, 281, 35156-35166. | 1.6 | 73 |
| 14 | The Molecular Basis of Touch Sensation As Modeled in <i>Caenorhabditis elegans</i> . , 2005, , 1-29. | | 0 |
| 15 | Transduction and Transmission in Electroreceptor Organs. , 2005, , 271-298. | | 2 |
| 16 | Acid-Sensing Ion Channels. , 2005, , 57-72. | | 0 |
| 17 | Activation of olfactory cyclic-nucleotide gated channels revisited. <i>Journal of Physiology</i> , 2005, 569, 4-5. | 1.3 | 1 |
| 18 | Regulation of cyclic nucleotide-gated channels. <i>Current Opinion in Neurobiology</i> , 2005, 15, 343-349. | 2.0 | 136 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Ion Channels and Thermotransduction. , 2005, , 235-249. | | 3 |
| 20 | Vertebrate Olfactory Signal Transduction and the Interplay of Excitatory Anionic and Cationic Currents. , 2005, , 99-134. | | 0 |
| 21 | Transduction Mechanisms in Taste Cells. , 2005, , 153-177. | | 5 |
| 22 | Pain Transduction: Gating and Modulation of Ion Channels. , 2005, , 251-270. | | 0 |
| 23 | The Transduction Channels of Rod and Cone Photoreceptors. , 2005, , 207-233. | | 0 |
| 24 | Chemosensory Transduction in Caenorhabditis elegans. , 2005, , 73-97. | | 2 |
| 25 | Transduction Channels in Hair Cells. , 2005, , 31-56. | | 1 |
| 26 | Invertebrate Phototransduction: Multimolecular Signaling Complexes and the Role of TRP and TRPL Channels. , 2005, , 179-206. | | 3 |
| 27 | Transduction Channels in the Vomeronasal Organ. , 2005, , 135-152. | | 1 |
| 28 | Mechanism of the Excitatory Cl ⁻ Response in Mouse Olfactory Receptor Neurons. Neuron, 2005, 45, 553-561. | 3.8 | 164 |
| 29 | Calmodulin permanently associates with rat olfactory CNG channels under native conditions. Nature Neuroscience, 2004, 7, 705-710. | 7.1 | 111 |
| 30 | The Native Rat Olfactory Cyclic Nucleotide-Gated Channel Is Composed of Three Distinct Subunits. Journal of Neuroscience, 1999, 19, 5332-5347. | 1.7 | 207 |
| 31 | Functional Expression of the Heteromeric α -Olfactory β -Cyclic Nucleotide-Gated Channel in the Hippocampus: A Potential Effector of Synaptic Plasticity in Brain Neurons. Journal of Neuroscience, 1997, 17, 1993-2005. | 1.7 | 123 |
| 32 | Molecular Characterization of the Cellular Receptor for Poliovirus. Virology, 1994, 199, 105-113. | 1.1 | 63 |