

# J Bradley Zuchero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4648667/publications.pdf>

Version: 2024-02-01

22  
papers

3,320  
citations

516561

16  
h-index

677027

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

5416  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal Activity Promotes Oligodendrogenesis and Adaptive Myelination in the Mammalian Brain. <i>Science</i> , 2014, 344, 1252304.	6.0	1,057
2	Clonally expanded B cells in multiple sclerosis bind EBV EBNA1 and GlialCAM. <i>Nature</i> , 2022, 603, 321-327.	13.7	343
3	Generation of oligodendroglial cells by direct lineage conversion. <i>Nature Biotechnology</i> , 2013, 31, 434-439.	9.4	274
4	CNS Myelin Wrapping Is Driven by Actin Disassembly. <i>Developmental Cell</i> , 2015, 34, 152-167.	3.1	262
5	Glia in mammalian development and disease. <i>Development (Cambridge)</i> , 2015, 142, 3805-3809.	1.2	252
6	p53-cofactor JMY is a multifunctional actin nucleation factor. <i>Nature Cell Biology</i> , 2009, 11, 451-459.	4.6	220
7	Schwann cells use TAM receptor-mediated phagocytosis in addition to autophagy to clear myelin in a mouse model of nerve injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8072-E8080.	3.3	155
8	Type IV collagen is an activating ligand for the adhesion G protein-coupled receptor GPR126. <i>Science Signaling</i> , 2014, 7, ra76.	1.6	153
9	Intrinsic and extrinsic control of oligodendrocyte development. <i>Current Opinion in Neurobiology</i> , 2013, 23, 914-920.	2.0	141
10	Young CSF restores oligodendrogenesis and memory in aged mice via Fgf17. <i>Nature</i> , 2022, 605, 509-515.	13.7	98
11	Hts/Adducin Controls Synaptic Elaboration and Elimination. <i>Neuron</i> , 2011, 69, 1114-1131.	3.8	97
12	Actin binding to WH2 domains regulates nuclear import of the multifunctional actin regulator JMY. <i>Molecular Biology of the Cell</i> , 2012, 23, 853-863.	0.9	53
13	DeActs: genetically encoded tools for perturbing the actin cytoskeleton in single cells. <i>Nature Methods</i> , 2017, 14, 479-482.	9.0	49
14	How Support of Early Career Researchers Can Reset Science in the Post-COVID19 World. <i>Cell</i> , 2020, 181, 1445-1449.	13.5	43
15	Cytoplasmic Actin: Purification and Single Molecule Assembly Assays. <i>Methods in Molecular Biology</i> , 2013, 1046, 145-170.	0.4	35
16	Label-free optical detection of bioelectric potentials using electrochromic thin films. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17260-17268.	3.3	25
17	In Vitro Actin Assembly Assays and Purification From Acanthamoeba. <i>Methods in Molecular Biology</i> , 2007, 370, 213-226.	0.4	17
18	Purification of Dorsal Root Ganglion Neurons from Rat by Immunopanning. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot074948-pdb.prot074948.	0.2	16

#	ARTICLE	IF	CITATIONS
19	Purification and Culture of Dorsal Root Ganglion Neurons. Cold Spring Harbor Protocols, 2014, 2014, pdb.top073965.	0.2	9
20	Between the Sheets: A Molecular Sieve Makes Myelin Membranes. Developmental Cell, 2011, 21, 385-386.	3.1	7
21	Anchors Away: Glia-Neuron Adhesion Regulates Myelin Targeting and Growth. Developmental Cell, 2019, 51, 659-661.	3.1	6
22	Modeling myelin: A toolkit for exploring myelin's mysteries in vitro. Developmental Cell, 2021, 56, 1215-1217.	3.1	1