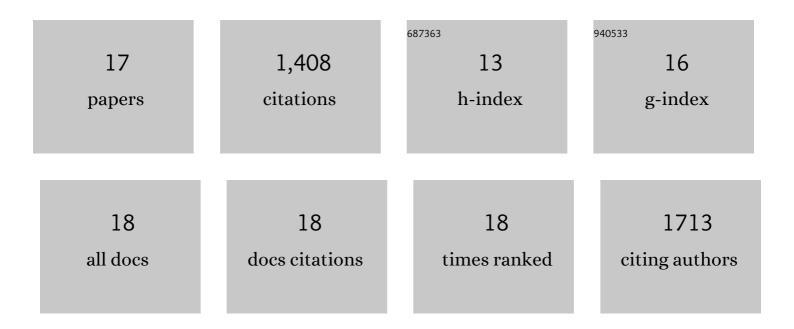
## Ivan Tochitsky

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7492376/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Isolation of Nuclei from Mouse Dorsal Root Ganglia for Single-nucleus Genomics. Bio-protocol, 2021, 11, e4102.	0.4	4
2	Inhibition of inflammatory pain and cough by a novel charged sodium channel blocker. British Journal of Pharmacology, 2021, 178, 3905-3923.	5.4	19
3	Topoisomerase I inhibition and peripheral nerve injury induce DNA breaks and ATF3-associated axon regeneration in sensory neurons. Cell Reports, 2021, 36, 109666.	6.4	16
4	Transcriptional Reprogramming of Distinct Peripheral Sensory Neuron Subtypes after Axonal Injury. Neuron, 2020, 108, 128-144.e9.	8.1	254
5	Purkinje cells derived from TSC patients display hypoexcitability and synaptic deficits associated with reduced FMRP levels and reversed by rapamycin. Molecular Psychiatry, 2018, 23, 2167-2183.	7.9	90
6	Restoring Vision to the Blind with Chemical Photoswitches. Chemical Reviews, 2018, 118, 10748-10773.	47.7	120
7	Restoring visual function to the blind retina with a potent, safe and long-lasting photoswitch. Scientific Reports, 2017, 7, 45487.	3.3	39
8	Photopharmacological control of bipolar cells restores visual function in blind mice. Journal of Clinical Investigation, 2017, 127, 2598-2611.	8.2	47
9	How Azobenzene Photoswitches Restore Visual Responses to the Blind Retina. Neuron, 2016, 92, 100-113.	8.1	56
10	Optopharmacological tools for restoring visual function in degenerative retinal diseases. Current Opinion in Neurobiology, 2015, 34, 74-78.	4.2	19
11	Photoswitching HCN Channels in Degenerated Retina Neurons. Biophysical Journal, 2014, 106, 629a.	0.5	0
12	Restoring Visual Function to Blind Mice with a Photoswitch that Exploits Electrophysiological Remodeling of Retinal Ganglion Cells. Neuron, 2014, 81, 800-813.	8.1	165
13	Light at the end of the channel: optical manipulation of intrinsic neuronal excitability with chemical photoswitches. Frontiers in Molecular Neuroscience, 2013, 6, 5.	2.9	39
14	Photochemical Restoration of Visual Responses in Blind Mice. Neuron, 2012, 75, 271-282.	8.1	216
15	Optochemical control of genetically engineered neuronal nicotinic acetylcholine receptors. Nature Chemistry, 2012, 4, 105-111.	13.6	153
16	LiGluR Restores Visual Responses in Rodent Models of Inherited Blindness. Molecular Therapy, 2011, 19, 1212-1219.	8.2	168
17	Photopharmacology: Controlling Native Voltage-Gated Ion Channels withÂLight. Biophysical Journal, 2010, 98, 212a.	0.5	2