

# Ivan Tochitsky

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7492376/publications.pdf>

Version: 2024-02-01

17  
papers

1,408  
citations

687363

13  
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940533

16  
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18  
docs citations

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times ranked

1713  
citing authors

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