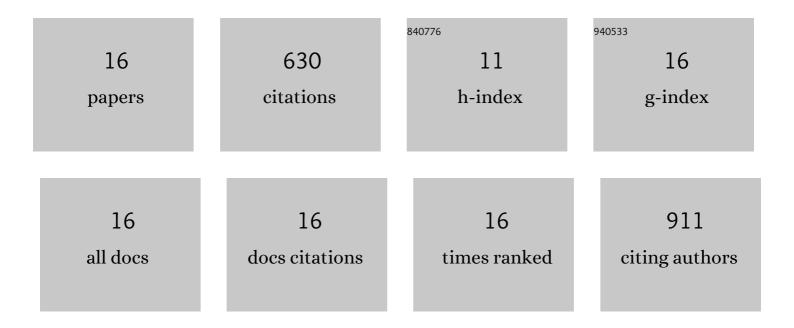
Bhupesh Mehta

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Picture perfect: Imaging mitochondrial membrane potential changes in retina slices with minimal stray fluorescence. Experimental Eye Research, 2021, 202, 108318.	2.6	4
2	Cross-diagnostic evaluation of minor physical anomalies in psychiatric disorders. Journal of Psychiatric Research, 2021, 142, 54-62.	3.1	7
3	Tunable Substrate Functionalities Direct Stem Cell Fate toward Electrophysiologically Distinguishable Neuron-like and Glial-like Cells. ACS Applied Materials & Interfaces, 2021, 13, 164-185.	8.0	13
4	Neurogenesis-on-Chip: Electric field modulated transdifferentiation of human mesenchymal stem cell and mouse muscle precursor cell coculture. Biomaterials, 2020, 226, 119522.	11.4	32
5	Identification and functional characterization of two novel mutations in KCNJ10 and PI4KB in SeSAME syndrome without electrolyte imbalance. Human Genomics, 2019, 13, 53.	2.9	5
6	Early Diabetes Induces Changes in Mitochondrial Physiology of Inner Retinal Neurons. Neuroscience, 2019, 406, 140-149.	2.3	19
7	INDEX-db: The Indian Exome Reference Database (Phase I). Journal of Computational Biology, 2019, 26, 225-234.	1.6	12
8	Exome sequencing in families with severe mental illness identifies novel and rare variants in genes implicated in Mendelian neuropsychiatric syndromes. Psychiatry and Clinical Neurosciences, 2019, 73, 11-19.	1.8	31
9	Controlled Shear Flow Directs Osteogenesis on UHMWPE-Based Hybrid Nanobiocomposites in a Custom-Designed PMMA Microfluidic Device. ACS Applied Bio Materials, 2018, 1, 414-435.	4.6	12
10	Restoration of vision after de novo genesis of rod photoreceptors in mammalian retinas. Nature, 2018, 560, 484-488.	27.8	234
11	Global Ca ²⁺ Signaling Drives Ribbon-Independent Synaptic Transmission at Rod Bipolar Cell Synapses. Journal of Neuroscience, 2014, 34, 6233-6244.	3.6	31
12	Depalmitoylation preferentially downregulates AMPA induced Ca2+ signaling and neurotoxicity in motor neurons. Brain Research, 2013, 1529, 143-153.	2.2	4
13	Synaptic Ribbons Influence the Size and Frequency of Miniature-like Evoked Postsynaptic Currents. Neuron, 2013, 77, 516-527.	8.1	60
14	Acute destruction of the synaptic ribbon reveals a role for the ribbon in vesicle priming. Nature Neuroscience, 2011, 14, 1135-1141.	14.8	116
15	Development of new peptide-based tools for studying synaptic ribbon function. Journal of Neurophysiology, 2011, 106, 1028-1037.	1.8	20
16	Nitric Oxide–mediated Modulation of Synaptic Activity by Astrocytic P2Y Receptors. Journal of General Physiology, 2008, 132, 339-349.	1.9	30