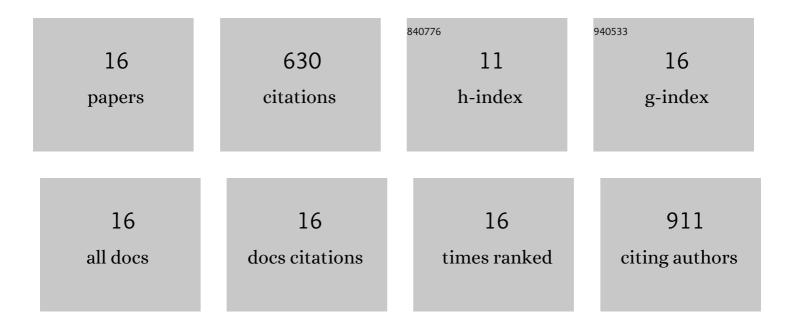
Bhupesh Mehta

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 |