

Srikanta Chowdhury

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

636
citations

840776

11
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

936
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | REM sleep—active MCH neurons are involved in forgetting hippocampus-dependent memories. <i>Science</i> , 2019, 365, 1308-1313. | 12.6 | 138 |
| 2 | Upconversion amplification through dielectric superlensing modulation. <i>Nature Communications</i> , 2019, 10, 1391. | 12.8 | 114 |
| 3 | The integrative role of orexin/hypocretin neurons in nociceptive perception and analgesic regulation. <i>Scientific Reports</i> , 2016, 6, 29480. | 3.3 | 92 |
| 4 | GABA neurons in the ventral tegmental area regulate non-rapid eye movement sleep in mice. <i>ELife</i> , 2019, 8, . | 6.0 | 53 |
| 5 | The mammalian circadian pacemaker regulates wakefulness via CRF neurons in the paraventricular nucleus of the hypothalamus. <i>Science Advances</i> , 2020, 6, . | 10.3 | 51 |
| 6 | Optogenetic activation of serotonergic terminals facilitates GABAergic inhibitory input to orexin/hypocretin neurons. <i>Scientific Reports</i> , 2016, 6, 36039. | 3.3 | 34 |
| 7 | Chemotherapeutic resistance of head and neck squamous cell carcinoma is mediated by EpCAM induction driven by IL-6/p62 associated Nrf2-antioxidant pathway activation. <i>Cell Death and Disease</i> , 2020, 11, 663. | 6.3 | 25 |
| 8 | Dissociating orexin-dependent and -independent functions of orexin neurons using novel Orexin-Flp knock-in mice. <i>ELife</i> , 2019, 8, . | 6.0 | 21 |
| 9 | Green-Sensitive, Long-Lived, Step-Functional Anion Channelrhodopsin-2 Variant as a High-Potential Neural Silencing Tool. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6214-6218. | 4.6 | 17 |
| 10 | Disruption of model-based decision making by silencing of serotonin neurons in the dorsal raphe nucleus. <i>Current Biology</i> , 2021, 31, 2446-2454.e5. | 3.9 | 16 |
| 11 | Arsenic-induced Histological Alterations in Various Organs of Mice. <i>Journal of Cytology & Histology</i> , 2015, 06, . | 0.1 | 14 |
| 12 | Quantitation of the neural silencing activity of anion channelrhodopsins in <i>Caenorhabditis elegans</i> and their applicability for long-term illumination. <i>Scientific Reports</i> , 2019, 9, 7863. | 3.3 | 7 |
| 13 | Functional Interaction Between GABAergic Neurons in the Ventral Tegmental Area and Serotonergic Neurons in the Dorsal Raphe Nucleus. <i>Frontiers in Neuroscience</i> , 2022, 16, . | 2.8 | 3 |
| 14 | Functional emergence of a column-like architecture in layer 5 of mouse somatosensory cortex in vivo. <i>Journal of Physiological Sciences</i> , 2019, 69, 65-77. | 2.1 | 2 |
| 15 | Fiberless Optogenetics. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1293, 407-416. | 1.6 | 2 |
| 16 | Circulating tumor cells demonstrate a positive biomarker in head and neck squamous cell carcinoma (HNSCC) in tobacco consuming population of Bangladesh.. <i>Journal of Clinical Oncology</i> , 2021, 39, e18011-e18011. | 1.6 | 1 |