

Marius Bauza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8863355/publications.pdf>

Version: 2024-02-01

12
papers

2,918
citations

1040056

9
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

3517
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Fully integrated silicon probes for high-density recording of neural activity. <i>Nature</i> , 2017, 551, 232-236. | 27.8 | 1,531 |
| 2 | Neuropixels 2.0: A miniaturized high-density probe for stable, long-term brain recordings. <i>Science</i> , 2021, 372, . | 12.6 | 467 |
| 3 | Learning Enhances Sensory and Multiple Non-sensory Representations in Primary Visual Cortex. <i>Neuron</i> , 2015, 86, 1478-1490. | 8.1 | 358 |
| 4 | Grid cell symmetry is shaped by environmental geometry. <i>Nature</i> , 2015, 518, 232-235. | 27.8 | 288 |
| 5 | Local transformations of the hippocampal cognitive map. <i>Science</i> , 2018, 359, 1143-1146. | 12.6 | 81 |
| 6 | How environment geometry affects grid cell symmetry and what we can learn from it. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130188. | 4.0 | 52 |
| 7 | The honeycomb maze provides a novel test to study hippocampal-dependent spatial navigation. <i>Nature</i> , 2018, 554, 102-105. | 27.8 | 37 |
| 8 | Framing the grid: effect of boundaries on grid cells and navigation. <i>Journal of Physiology</i> , 2016, 594, 6489-6499. | 2.9 | 32 |
| 9 | Blue-Light-Sensitive Phototransistor for Indirect X-Ray Image Sensors. <i>IEEE Electron Device Letters</i> , 2012, 33, 567-569. | 3.9 | 18 |
| 10 | Photo-Induced Instability of Nanocrystalline Silicon TFTs. <i>Journal of Display Technology</i> , 2010, 6, 589-591. | 1.2 | 9 |
| 11 | Amorphous Silicon Thin Film Transistor Biosensing System. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1530, 1. | 0.1 | 0 |
| 12 | Excess carrier decay peculiarities caused by disorder in dislocation-rich SiGe and GaN layered structures. <i>Lithuanian Journal of Physics</i> , 2005, 45, 497-502. | 0.4 | 0 |