

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	Neuropixels 2.0: A miniaturized high-density probe for stable, long-term brain recordings. <i>Science</i> , 2021, 372, .	12.6	467
2	Local transformations of the hippocampal cognitive map. <i>Science</i> , 2018, 359, 1143-1146.	12.6	81
3	The honeycomb maze provides a novel test to study hippocampal-dependent spatial navigation. <i>Nature</i> , 2018, 554, 102-105.	27.8	37
4	Fully integrated silicon probes for high-density recording of neural activity. <i>Nature</i> , 2017, 551, 232-236.	27.8	1,531
5	Framing the grid: effect of boundaries on grid cells and navigation. <i>Journal of Physiology</i> , 2016, 594, 6489-6499.	2.9	32
6	Learning Enhances Sensory and Multiple Non-sensory Representations in Primary Visual Cortex. <i>Neuron</i> , 2015, 86, 1478-1490.	8.1	358
7	Grid cell symmetry is shaped by environmental geometry. <i>Nature</i> , 2015, 518, 232-235.	27.8	288
8	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
9	Amorphous Silicon Thin Film Transistor Biosensing System. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1530, 1.	0.1	0
10	Blue-Light-Sensitive Phototransistor for Indirect X-Ray Image Sensors. <i>IEEE Electron Device Letters</i> , 2012, 33, 567-569.	3.9	18
11	Photo-Induced Instability of Nanocrystalline Silicon TFTs. <i>Journal of Display Technology</i> , 2010, 6, 589-591.	1.2	9
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