

# 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

1039406

9  
h-index

1372195

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.	13.7	1,531
2	Neuropixels 2.0: A miniaturized high-density probe for stable, long-term brain recordings. <i>Science</i> , 2021, 372, .	6.0	467
3	Learning Enhances Sensory and Multiple Non-sensory Representations in Primary Visual Cortex. <i>Neuron</i> , 2015, 86, 1478-1490.	3.8	358
4	Grid cell symmetry is shaped by environmental geometry. <i>Nature</i> , 2015, 518, 232-235.	13.7	288
5	Local transformations of the hippocampal cognitive map. <i>Science</i> , 2018, 359, 1143-1146.	6.0	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.	1.8	52
7	The honeycomb maze provides a novel test to study hippocampal-dependent spatial navigation. <i>Nature</i> , 2018, 554, 102-105.	13.7	37
8	Framing the grid: effect of boundaries on grid cells and navigation. <i>Journal of Physiology</i> , 2016, 594, 6489-6499.	1.3	32
9	Blue-Light-Sensitive Phototransistor for Indirect X-Ray Image Sensors. <i>IEEE Electron Device Letters</i> , 2012, 33, 567-569.	2.2	18
10	Photo-Induced Instability of Nanocrystalline Silicon TFTs. <i>Journal of Display Technology</i> , 2010, 6, 589-591.	1.3	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.	0.1	0