

Jakub K Wlodarczyk

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

283
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of safe bromine electrolytes and their cell performance in H ₂ /Br ₂ flow batteries caused by tuning the bromine complexation equilibrium. <i>Journal of Power Sources</i> , 2022, 520, 230804.	7.8	10
2	Exploring the thermodynamics of the bromine electrode in concentrated solutions for improved parametrisation of hydrogen–bromine flow battery models. <i>Journal of Power Sources</i> , 2021, 508, 230202.	7.8	6
3	High energy density electrolytes for H ₂ /Br ₂ redox flow batteries, their polybromide composition and influence on battery cycling limits. <i>RSC Advances</i> , 2021, 11, 5218-5229.	3.6	17
4	Prophylactic Ketamine Treatment Promotes Resilience to Chronic Stress and Accelerates Recovery: Correlation with Changes in Synaptic Plasticity in the CA3 Subregion of the Hippocampus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1726.	4.1	36
5	2dSpAn: semiautomated 2-d segmentation, classification and analysis of hippocampal dendritic spine plasticity. <i>Bioinformatics</i> , 2016, 32, 2490-2498.	4.1	24
6	Transient ECM protease activity promotes synaptic plasticity. <i>Scientific Reports</i> , 2016, 6, 27757.	3.3	53
7	Matrix Metalloproteinases Regulate the Formation of Dendritic Spine Head Protrusions during Chemically Induced Long-Term Potentiation. <i>PLoS ONE</i> , 2013, 8, e63314.	2.5	63
8	Sampling issues in quantitative analysis of dendritic spines morphology. <i>BMC Bioinformatics</i> , 2012, 13, 213.	2.6	66