

Matthew T Flavin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9676552/publications.pdf>

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8
papers

2,145
citations

1683354

5
h-index

1588620

8
g-index

8
all docs

8
docs citations

8
times ranked

4267
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft Microfluidic Assemblies of Sensors, Circuits, and Radios for the Skin. <i>Science</i> , 2014, 344, 70-74.	6.0	982
2	Assembly of micro/nanomaterials into complex, three-dimensional architectures by compressive buckling. <i>Science</i> , 2015, 347, 154-159.	6.0	745
3	Soft network composite materials with deterministic and bio-inspired designs. <i>Nature Communications</i> , 2015, 6, 6566.	5.8	392
4	Interfacial ion transfer and current limiting in neutral-carrier ion-selective membranes: A detailed numerical model. <i>Journal of Membrane Science</i> , 2019, 572, 374-381.	4.1	8
5	Current efficiency and selectivity reduction caused by co-ion leakage in electromembrane processes. <i>Water Research</i> , 2021, 201, 117351.	5.3	7
6	Rapid and Low Cost Manufacturing of Cuff Electrodes. <i>Frontiers in Neuroscience</i> , 2021, 15, 628778.	1.4	5
7	Electrochemical modulation enhances the selectivity of peripheral neurostimulation in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	5
8	Real-time, dynamic monitoring of selectively driven ion-concentration polarization. <i>Electrochimica Acta</i> , 2022, 426, 140770.	2.6	1