

# Matthew T Flavin

## List of Publications by Year in descending order

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

Version: 2024-02-01

8  
papers

2,145  
citations

1684188  
5  
h-index

1588992  
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. Science, 2014, 344, 70-74.	12.6	982
2	Assembly of micro/nanomaterials into complex, three-dimensional architectures by compressive buckling. Science, 2015, 347, 154-159.	12.6	745
3	Soft network composite materials with deterministic and bio-inspired designs. Nature Communications, 2015, 6, 6566.	12.8	392
4	Interfacial ion transfer and current limiting in neutral-carrier ion-selective membranes: A detailed numerical model. Journal of Membrane Science, 2019, 572, 374-381.	8.2	8
5	Current efficiency and selectivity reduction caused by co-ion leakage in electromembrane processes. Water Research, 2021, 201, 117351.	11.3	7
6	Rapid and Low Cost Manufacturing of Cuff Electrodes. Frontiers in Neuroscience, 2021, 15, 628778.	2.8	5
7	Electrochemical modulation enhances the selectivity of peripheral neurostimulation in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
8	Real-time, dynamic monitoring of selectively driven ion-concentration polarization. Electrochimica Acta, 2022, 426, 140770.	5.2	1