

Dougal Maclaurin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11163024/publications.pdf>

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5
papers

1,938
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

3032
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Design of efficient molecular organic light-emitting diodes by a high-throughput virtual screening and experimental approach. <i>Nature Materials</i> , 2016, 15, 1120-1127. | 27.5 | 708 |
| 2 | Flash Memory: Photochemical Imprinting of Neuronal Action Potentials onto a Microbial Rhodopsin. <i>Journal of the American Chemical Society</i> , 2014, 136, 2529-2537. | 13.7 | 35 |
| 3 | All-optical electrophysiology in mammalian neurons using engineered microbial rhodopsins. <i>Nature Methods</i> , 2014, 11, 825-833. | 19.0 | 666 |
| 4 | Mechanism of voltage-sensitive fluorescence in a microbial rhodopsin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5939-5944. | 7.1 | 126 |
| 5 | Optical recording of action potentials in mammalian neurons using a microbial rhodopsin. <i>Nature Methods</i> , 2012, 9, 90-95. | 19.0 | 403 |