

David Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/478029/publications.pdf>

Version: 2024-02-01

10
papers

307
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

587
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Controlled assembly of retinal cells on fractal and Euclidean electrodes. PLoS ONE, 2022, 17, e0265685. | 2.5 | 4 |
| 2 | Nonvolatile Rewritable Frequency Tuning of a Nanoelectromechanical Resonator Using Photoinduced Doping. Nano Letters, 2020, 20, 2378-2386. | 9.1 | 9 |
| 3 | The Roles of an Aluminum Underlayer in the Biocompatibility and Mechanical Integrity of Vertically Aligned Carbon Nanotubes for Interfacing with Retinal Neurons. Micromachines, 2020, 11, 546. | 2.9 | 10 |
| 4 | A fast and sensitive room-temperature graphene nanomechanical bolometer. Nature Communications, 2019, 10, 4726. | 12.8 | 97 |
| 5 | Spatially resolved optical excitation of mechanical modes in graphene NEMS. Applied Physics Letters, 2019, 115, . | 3.3 | 12 |
| 6 | Deterministic Quantum Emitter Formation in Hexagonal Boron Nitride via Controlled Edge Creation. Nano Letters, 2019, 19, 2121-2127. | 9.1 | 88 |
| 7 | Single-Photon Emitters in Boron Nitride Nanococoons. Nano Letters, 2018, 18, 2683-2688. | 9.1 | 20 |
| 8 | A Bottom-Up Approach to Solution-Processed, Atomically Precise Graphitic Cylinders on Graphite. Nano Letters, 2018, 18, 7991-7997. | 9.1 | 48 |
| 9 | Engineering the Modal Shape of Graphene Nanoelectromechanical Systems Using Focused Ion Beam Milling. , 2018, , . | | 0 |
| 10 | Shape tailoring to enhance and tune the properties of graphene nanomechanical resonators. 2D Materials, 2017, 4, 025101. | 4.4 | 19 |