

Menahem Y Rotenberg

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

227
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical stimulation of cardiac cells with a polymer-supported silicon nanowire matrix. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 413-421.	7.1	76
2	Living myofibroblast-silicon composites for probing electrical coupling in cardiac systems. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22531-22539.	7.1	31
3	Micelle-enabled self-assembly of porous and monolithic carbon membranes for bioelectronic interfaces. Nature Nanotechnology, 2021, 16, 206-213.	31.5	30
4	Porosity-based heterojunctions enable leadless optoelectronic modulation of tissues. Nature Materials, 2022, 21, 647-655.	27.5	29
5	Silicon Nanowires for Intracellular Optical Interrogation with Subcellular Resolution. Nano Letters, 2020, 20, 1226-1232.	9.1	23
6	Bioelectronic devices: Long-lived recordings. Nature Biomedical Engineering, 2017, 1, .	22.5	22
7	Talking to Cells: Semiconductor Nanomaterials at the Cellular Interface. Advanced Biology, 2018, 2, 1700242.	3.0	16