

Maximilian Speckbacher

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

249
citations

1684188

5
h-index

1474206

9
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12
all docs

12
docs citations

12
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathway Dependence in the Fuel-Driven Dissipative Self-Assembly of Nanoparticles. Journal of the American Chemical Society, 2019, 141, 9872-9878.	13.7	114
2	Direct Measurements of Fermi Level Pinning at the Surface of Intrinsically n-Type InGaAs Nanowires. Nano Letters, 2016, 16, 5135-5142.	9.1	60
3	Widely tunable alloy composition and crystal structure in catalyst-free InGaAs nanowire arrays grown by selective area molecular beam epitaxy. Applied Physics Letters, 2016, 108, .	3.3	27
4	Bipolar Resistive Switching in Junctions of Gallium Oxide and p-type Silicon. Nano Letters, 2021, 21, 2666-2674.	9.1	24
5	Carrier trapping and activation at short-period wurtzite/zinc-blende stacking sequences in polytypic InAs nanowires. Physical Review B, 2018, 97, .	3.2	10
6	Directed Self-assembly of Silicon Nanocubes Fabricated by Nano Imprint-Lithography. , 2018, , .		3
7	Directed Assembly of Nanoparticle Threshold-Selector Arrays. Advanced Electronic Materials, 2019, 5, 1900098.	5.1	3
8	Nonvolatile Memristive Switching in Self-assembled Nanoparticle Dimers. ACS Applied Electronic Materials, 2020, 2, 1099-1105.	4.3	3
9	Synaptic and neuromorphic functions: general discussion. Faraday Discussions, 2019, 213, 553-578.	3.2	2
10	Metallic Top Contacts to Self-Assembled Monolayers of Aliphatic Phosphonic Acids on Titanium Nitride. , 2020, , .		2
11	Conductance Switching in Liquid Crystal-Inspired Self-Assembled Monolayer Junctions. ACS Applied Materials & Interfaces, 2022, 14, 31044-31053.	8.0	1
12	Resistive Switching in Single Core-Shell Nanoparticles*. , 2019, , .		0