

Tal Sharf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10779908/publications.pdf>

Version: 2024-02-01

9
papers

243
citations

1307594

7
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Monitoring of sp^3 Defect Formation in Individual Carbon Nanotubes. Journal of Physical Chemistry C, 2016, 120, 1971-1976.	3.1	40
2	Photothermoelectric Effect in Suspended Semiconducting Carbon Nanotubes. ACS Nano, 2014, 8, 216-221.	14.6	39
3	Single Electron Charge Sensitivity of Liquid-Gated Carbon Nanotube Transistors. Nano Letters, 2014, 14, 4925-4930.	9.1	27
4	Scalable graphene field-effect sensors for specific protein detection. Nanotechnology, 2013, 24, 355502.	2.6	56
5	Origins of Charge Noise in Carbon Nanotube Field-Effect Transistor Biosensors. Nano Letters, 2012, 12, 6380-6384.	9.1	42
6	Increasing the detection speed of an all-electronic real-time biosensor. Lab on A Chip, 2012, 12, 954.	6.0	18
7	A spectrally-tunable photocurrent microscope for characterizing nanoelectronic devices. , 2011, , .		4
8	Fabrication of low-noise carbon nanotube field-effect transistor biosensors. , 2011, , .		4
9	Fabrication and characterization of carbon nanotube field-effect transistor biosensors. Proceedings of SPIE, 2010, , .	0.8	13