

# Dheeraj Jain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10905896/publications.pdf>

Version: 2024-02-01

17  
papers

797  
citations

1040056

9  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotube electronics for radiofrequency applications. <i>Nature Nanotechnology</i> , 2009, 4, 811-819.	31.5	269
2	High-Performance Semiconducting Nanotube Inks: Progress and Prospects. <i>ACS Nano</i> , 2011, 5, 8471-8487.	14.6	157
3	Fundamental Limits on the Mobility of Nanotube-Based Semiconducting Inks. <i>Advanced Materials</i> , 2011, 23, 94-99.	21.0	104
4	Terahertz graphene optics. <i>Nano Research</i> , 2012, 5, 667-678.	10.4	95
5	rf resistance and inductance of massively parallel single walled carbon nanotubes: Direct, broadband measurements and near perfect 50Ω impedance matching. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	49
6	Nanotube~Peptide Interactions on a Silicon Chip. <i>Journal of Physical Chemistry C</i> , 2009, 113, 3978-3985.	3.1	32
7	Solid-State Synthesis of Well-Defined Carbon Nanocapsules from Organometallic Precursors. <i>Small</i> , 2006, 2, 752-755.	10.0	25
8	Nanoscale Devices for Large-Scale Applications. <i>IEEE Microwave Magazine</i> , 2010, 11, 72-80.	0.8	17
9	Detection of single ion channel activity with carbon nanotubes. <i>Scientific Reports</i> , 2015, 5, 9208.	3.3	17
10	Broadband conductivity of graphene from DC to THz. , 2011, , .		16
11	Effect of Source, Surfactant, and Deposition Process on Electronic Properties of Nanotube Arrays. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-7.	2.7	9
12	Influence of the Substitution Pattern of Cp-Iron-Arene Salts in the Solid-State Synthesis of New Carbon Nanostructures. <i>Organometallics</i> , 2008, 27, 3430-3434.	2.3	2
13	Protein nanopore-gated bio-transistor for membrane ionic current recording. , 2011, , .		2
14	Radio frequency nanoelectronics based on carbon nanotubes. , 2012, , .		2
15	Fabrication of supported lipid bilayer (SLB) and nanotube transistor hybrid biosensing platform using microfluidic channels. , 2011, , .		1
16	Carbon nanotube purified ink-based printed thin film transistors: Novel approach in controlling the electrical performance. , 2011, , .		0
17	Novel approach towards performance enhancement of all semiconducting carbon nanotube devices for printed electronics. , 2011, , .		0