

# Dheeraj Jain

## List of Publications by Year in descending order

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

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