

Christian A Martin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,386
citations

623734

14
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

3307
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of percolating networks in multi-wall carbon-nanotube epoxy composites. <i>Composites Science and Technology</i> , 2004, 64, 2309-2316.	7.8	571
2	Electric field-induced aligned multi-wall carbon nanotube networks in epoxy composites. <i>Polymer</i> , 2005, 46, 877-886.	3.8	490
3	Fullerene-Based Anchoring Groups for Molecular Electronics. <i>Journal of the American Chemical Society</i> , 2008, 130, 13198-13199.	13.7	282
4	Large tunable image-charge effects in single-molecule junctions. <i>Nature Nanotechnology</i> , 2013, 8, 282-287.	31.5	258
5	Large Area Liquid Crystal Monodomain Field-Effect Transistors. <i>Journal of the American Chemical Society</i> , 2006, 128, 2336-2345.	13.7	222
6	Lithographic mechanical break junctions for single-molecule measurements in vacuum: possibilities and limitations. <i>New Journal of Physics</i> , 2008, 10, 065008.	2.9	123
7	A Nanoelectromechanical Single-Atom Switch. <i>Nano Letters</i> , 2009, 9, 2940-2945.	9.1	67
8	Transition Voltage Spectroscopy and the Nature of Vacuum Tunneling. <i>Nano Letters</i> , 2011, 11, 614-617.	9.1	60
9	Influence of the Chemical Structure on the Stability and Conductance of Porphyrin Single-Molecule Junctions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11223-11226.	13.8	56
10	Sandwich-type gated mechanical break junctions. <i>Nanotechnology</i> , 2010, 21, 265201.	2.6	52
11	A versatile low-temperature setup for the electrical characterization of single-molecule junctions. <i>Review of Scientific Instruments</i> , 2011, 82, 053907.	1.3	44
12	Driving change in the battery industry. <i>Nature Nanotechnology</i> , 2014, 9, 327-328.	31.5	44
13	Charge transport in a zinc porphyrin single-molecule junction. <i>Beilstein Journal of Nanotechnology</i> , 2011, 2, 714-719.	2.8	31
14	A statistical approach to inelastic electron tunneling spectroscopy on fullerene-terminated molecules. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 14325.	2.8	30
15	Towards a new scale. <i>Nature Nanotechnology</i> , 2016, 11, 112-112.	31.5	12
16	Binary challenge. <i>Nature Nanotechnology</i> , 2014, 9, 89-90.	31.5	5
17	Drug therapy smartens up. <i>Nature Nanotechnology</i> , 2015, 10, 910-911.	31.5	5
18	Put more 'nano' in robotics. <i>Nature Nanotechnology</i> , 2014, 9, 566-566.	31.5	1