

Tapani Ryhanen

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

3,863
citations

840119

11
h-index

1199166

12
g-index

14
all docs

14
docs citations

14
times ranked

7979
citing authors

#	ARTICLE	IF	CITATIONS
1	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. <i>Nanoscale</i> , 2015, 7, 4598-4810.	2.8	2,452
2	Layered memristive and memcapacitive switches for printable electronics. <i>Nature Materials</i> , 2015, 14, 199-204.	13.3	423
3	Equivalent-circuit model of the squeezed gas film in a silicon accelerometer. <i>Sensors and Actuators A: Physical</i> , 1995, 48, 239-248.	2.0	418
4	Electrochemical biosensors at the nanoscale. <i>Lab on A Chip</i> , 2009, 9, 2123.	3.1	134
5	Graphene for energy harvesting/storage devices and printed electronics. <i>Particuology</i> , 2012, 10, 1-8.	2.0	113
6	Compound Quantum Dot Perovskite Optical Absorbers on Graphene Enhancing Short-Wave Infrared Photodetection. <i>ACS Nano</i> , 2017, 11, 5547-5557.	7.3	87
7	A solid-state dye-sensitized solar cell based on a novel ionic liquid gel and ZnO nanoparticles on a flexible polymer substrate. <i>Nanotechnology</i> , 2008, 19, 424006.	1.3	68
8	Flexible solid state lithium batteries based on graphene inks. <i>Journal of Materials Chemistry</i> , 2011, 21, 9762.	6.7	52
9	Properties of graphene inks stabilized by different functional groups. <i>Nanotechnology</i> , 2011, 22, 245702.	1.3	37
10	Electrochemical photovoltaic cells – review of recent developments. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1547-1552.	1.6	16
11	Simulation model for micromechanical angular rate sensor. <i>Sensors and Actuators A: Physical</i> , 1997, 60, 113-121.	2.0	13
12	Invited Paper: Graphene Enhanced QD Image Sensor Technology. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 987-990.	0.1	11
13	Impact of Silicon MEMS 40 Years After. , 2015, , xix-xxxvii.		1