

Tapani Ryhanen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

3,178
citations

12
h-index

14
g-index

14
ext. papers

3,553
ext. citations

7.1
avg. IF

4.15
L-index

#	Paper	IF	Citations
13	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. <i>Nanoscale</i> , 2015 , 7, 4598-810	7.7	2015
12	Equivalent-circuit model of the squeezed gas film in a silicon accelerometer. <i>Sensors and Actuators A: Physical</i> , 1995 , 48, 239-248	3.9	344
11	Layered memristive and memcapacitive switches for printable electronics. <i>Nature Materials</i> , 2015 , 14, 199-204	27	325
10	Electrochemical biosensors at the nanoscale. <i>Lab on A Chip</i> , 2009 , 9, 2123-31	7.2	117
9	Graphene for energy harvesting/storage devices and printed electronics. <i>Particuology</i> , 2012 , 10, 1-8	2.8	98
8	Compound Quantum Dot-Perovskite Optical Absorbers on Graphene Enhancing Short-Wave Infrared Photodetection. <i>ACS Nano</i> , 2017 , 11, 5547-5557	16.7	73
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	3.4	62
6	Flexible solid state lithium batteries based on graphene inks. <i>Journal of Materials Chemistry</i> , 2011 , 21, 9762		46
5	Properties of graphene inks stabilized by different functional groups. <i>Nanotechnology</i> , 2011 , 22, 245702	3.4	35
4	Nanotechnologies for Future Mobile Devices 2010 ,		33
3	Electrochemical photovoltaic cells—Review of recent developments. <i>Journal of Chemical Technology and Biotechnology</i> , 2010 , 85, 1547-1552	3.5	14
2	Simulation model for micromechanical angular rate sensor. <i>Sensors and Actuators A: Physical</i> , 1997 , 60, 113-121	3.9	13
1	66-4: Invited Paper: Graphene Enhanced QD Image Sensor Technology. <i>Digest of Technical Papers SID International Symposium</i> , 2021 , 52, 987-990	0.5	3