

Arindam Phani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/618512/publications.pdf>

Version: 2024-02-01

13
papers

165
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-contact transmission for the quasi-wireless delivery of power over large surfaces. <i>Wireless Power Transfer</i> , 2014, 1, 75-82.	1.1	34
2	Photothermal Electrical Resonance Spectroscopy of Physisorbed Molecules on a Nanowire Resonator. <i>Nano Letters</i> , 2015, 15, 5658-5663.	9.1	19
3	Clustering mechanism of ethanol-water mixtures investigated with photothermal microfluidic cantilever deflection spectroscopy. <i>Scientific Reports</i> , 2016, 6, 23966.	3.3	17
4	Manipulating Active Sites of 2D Metal-Organic Framework Nanosheets with Fluorescent Materials for Enhanced Colorimetric and Fluorescent Ammonia Sensing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	15
5	Electrical excitation of the local earth for resonant, wireless energy transfer. <i>Wireless Power Transfer</i> , 2016, 3, 117-125.	1.1	14
6	Quasi-wireless capacitive energy transfer for the dynamic charging of personal mobility vehicles. , 2016, , .		14
7	Thermomechanical responses of microfluidic cantilever capture DNA melting and properties of DNA premelting states using picoliters of DNA solution. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	12
8	Wireless single contact power delivery. , 2015, , .		10
9	Quarter wavelength resonators for use in wireless capacitive power transfer. , 2017, , .		9
10	Quasi-wireless surface power and control for battery-free robotics. <i>Wireless Power Transfer</i> , 2015, 2, 134-142.	1.1	8
11	A nanostructured surface increases friction exponentially at the solid-gas interface. <i>Scientific Reports</i> , 2016, 6, 32996.	3.3	7
12	Deconvolution of dissipative pathways for the interpretation of tapping-mode atomic force microscopy from phase-contrast. <i>Communications Physics</i> , 2021, 4, .	5.3	5
13	Exploiting broader dynamic range in Si-bridge modified QTFs for sensitive thermometric applications. <i>Sensors and Actuators A: Physical</i> , 2018, 279, 442-447.	4.1	1