

Mukter zaman

List of Publications by Year in descending order

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22
papers

442
citations

1039880

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940416

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22
all docs

22
docs citations

22
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in utilization of graphene for filtration and desalination of water: A review. Desalination, 2015, 365, 389-397.	4.0	205
2	Recent advances in exploitation of nanomaterial for arsenic removal from water: a review. Nanotechnology, 2017, 28, 042001.	1.3	69
3	Fabrication of high efficiency sputtered CdS:O/CdTe thin film solar cells from window/absorber layer growth optimization in magnetron sputtering. Solar Energy Materials and Solar Cells, 2017, 172, 384-393.	3.0	47
4	An Investigation on Structural and Electrical Properties of RF-Sputtered Molybdenum Thin Film Deposited on Different Substrates. Energy Procedia, 2013, 33, 186-197.	1.8	20
5	A facile surfactant-assisted synthesis of carbon-supported dendritic Pt nanoparticles with high electrocatalytic performance for the oxygen reduction reaction. Microporous and Mesoporous Materials, 2019, 280, 1-6.	2.2	20
6	Recent advances in the design and development of radio frequency-based energy harvester for powering wireless sensors: a review. Journal of Electromagnetic Waves and Applications, 2018, 32, 2110-2134.	1.0	18
7	A seven-parameter nonlinear $I_{ds}-V_{gs}$ characteristics model for sub- $\lambda/4$ m range GaAs MESFETs. Solid-State Electronics, 2004, 48, 1111-1117.	0.8	13
8	Schottky behavior of reduced graphene oxide at various operating temperatures. Surfaces and Interfaces, 2017, 6, 229-236.	1.5	11
9	Gold-Loaded Nanoporous Iron Oxide Cubes Derived from Prussian Blue as Carbon Monoxide Oxidation Catalyst at Room Temperature. ChemistrySelect, 2018, 3, 13464-13469.	0.7	10
10	Fabrication and Characterization of Graphene-on-Silicon Schottky Diode for Advanced Power Electronic Design. Sains Malaysiana, 2017, 46, 1147-1154.	0.3	6
11	Design and Fabrication of Low Voltage Silicon Trench MOS Barrier Schottky Rectifier for High Temperature Applications. , 2015, , .		5
12	Evaluation of isotopic boron (^{11}B) for the fabrication of low activation Mg ^{11}B 2 superconductor for next generation fusion magnets. Journal of the American Ceramic Society, 2020, 103, 5488-5495.	1.9	5
13	An Integrated Hybrid Energy Harvester for Autonomous Wireless Sensor Network Nodes. International Journal of Photoenergy, 2014, 2014, 1-8.	1.4	3
14	Recent Advances in Fabrication Techniques of Perovskite Solar Cells: A Review. American Journal of Applied Sciences, 2016, 13, 1290-1314.	0.1	3
15	Electrochemical Properties of Electrodeposited Reduced Graphene Oxide and Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2017, 17, 2493-2502.	0.9	3
16	Investigation on graphene based multilayer thin film patch antenna. , 2016, , .		2
17	ToF measurement based novel top edge detection algorithm for a smart security system. IEICE Electronics Express, 2007, 4, 617-623.	0.3	1
18	The Effect on Physical, Electrical and Structural Parameters of RF Sputtered Molybdenum Thin Film. Advanced Materials Research, 2011, 403-408, 5092-5096.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Design of MEMS Based Energy Harvester to Profile Environmental Parameter Using Autonomous WSN Components. Applied Mechanics and Materials, 2012, 152-154, 1846-1851.	0.2	0
20	Design and Implementation of Hybrid Micro Energy Harvester for Autonomous WSN Components. Applied Mechanics and Materials, 0, 313-314, 1362-1366.	0.2	0
21	Flexible Solar on Fibers as substrates coated with Molybdenum and CZTS. , 2018, , .		0
22	Atomization of Reduced Graphene Oxide Ultra-thin Film for Transparent Electrode Coating. , 2019, , .		0