

Hediyeh Karimi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

186
citations

1163117

8
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of a Stoneâ€“Wales defect on the performance of a graphene-nanoribbon-based Schottky diode. Journal of Computational Electronics, 2019, 18, 802-812.	2.5	9
2	A hybrid metaheuristic technique developed for hourly load forecasting. Complexity, 2016, 21, 521-532.	1.6	8
3	An Analytical Approach to Calculate the Charge Density of Biofunctionalized Graphene Layer Enhanced by Artificial Neural Networks. Plasmonics, 2016, 11, 95-102.	3.4	29
4	A precise fuzzy controller developed for overhead crane. , 2015, , .		4
5	Structure and Thickness Optimization of Active Layer in Nanoscale Organic Solar Cells. Plasmonics, 2015, 10, 495-502.	3.4	9
6	An analytical approach to evaluate the performance of graphene and carbon nanotubes for NH ₃ gas sensor applications. Beilstein Journal of Nanotechnology, 2014, 5, 726-734.	2.8	23
7	Analytical development and optimization of a grapheneâ€“solution interface capacitance model. Beilstein Journal of Nanotechnology, 2014, 5, 603-609.	2.8	9
8	Analytical Calculation of Sensing Parameters on Carbon Nanotube Based Gas Sensors. Sensors, 2014, 14, 5502-5515.	3.8	31
9	Development of solution-gated graphene transistor model for biosensors. Nanoscale Research Letters, 2014, 9, 71.	5.7	30
10	Analytical prediction of liquid-gated graphene nanoscroll biosensor performance. RSC Advances, 2014, 4, 16153.	3.6	23
11	Optimization of DNA Sensor Model Based Nanostructured Graphene Using Particle Swarm Optimization Technique. Journal of Nanomaterials, 2013, 2013, 1-9.	2.7	8
12	Capacitance Variation of Electrolyte-Gated Bilayer Graphene Based Transistors. Journal of Nanomaterials, 2013, 2013, 1-5.	2.7	2