

Hediyeh Karimi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12168347/publications.pdf>

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	Analytical Calculation of Sensing Parameters on Carbon Nanotube Based Gas Sensors. Sensors, 2014, 14, 5502-5515.	3.8	31
2	Development of solution-gated graphene transistor model for biosensors. Nanoscale Research Letters, 2014, 9, 71.	5.7	30
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	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
5	Analytical prediction of liquid-gated graphene nanoscroll biosensor performance. RSC Advances, 2014, 4, 16153.	3.6	23
6	Analytical development and optimization of a grapheneâ€“solution interface capacitance model. Beilstein Journal of Nanotechnology, 2014, 5, 603-609.	2.8	9
7	Structure and Thickness Optimization of Active Layer in Nanoscale Organic Solar Cells. Plasmonics, 2015, 10, 495-502.	3.4	9
8	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
9	Optimization of DNA Sensor Model Based Nanostructured Graphene Using Particle Swarm Optimization Technique. Journal of Nanomaterials, 2013, 2013, 1-9.	2.7	8
10	A hybrid metaheuristic technique developed for hourly load forecasting. Complexity, 2016, 21, 521-532.	1.6	8
11	A precise fuzzy controller developed for overhead crane. , 2015, , .		4
12	Capacitance Variation of Electrolyte-Gated Bilayer Graphene Based Transistors. Journal of Nanomaterials, 2013, 2013, 1-5.	2.7	2