

Hossein Khaledian

List of Publications by Year in descending order

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8
papers

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citations

1683354

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1719596

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g-index

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8
docs citations

8
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensor application in Direct Methanol Fuel Cells (DMFCs). Renewable and Sustainable Energy Reviews, 2016, 60, 1125-1139.	8.2	26
2	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.	1.5	23
3	Graphene nanoribbon field-effect transistor at high bias. Nanoscale Research Letters, 2014, 9, 604.	3.1	11
4	Gas Concentration Effects on the Sensing Properties of Bilayer Graphene. Plasmonics, 2014, 9, 987-992.	1.8	11
5	Analytical modeling of the sensing parameters for graphene nanoscroll-based gas sensors. RSC Advances, 2015, 5, 54700-54709.	1.7	6
6	Band structures of graphene nanoscrolls and their dispersion relation near the Fermi point. RSC Advances, 2016, 6, 38753-38760.	1.7	4
7	Analytical model of graphene-based biosensors for bacteria detection. International Journal of Environmental Analytical Chemistry, 2015, , 1-8.	1.8	3
8	Modeling of graphene nanoscroll conductance with quantum capacitance effect. Proceedings of SPIE, 2015, , .	0.8	0