

List of Publications by Year in descending order

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11
papers

472
citations

1040056

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1372567

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docs citations

11
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous tuning of methanol crossover and ionic conductivity of sPEEK membrane electrolyte by incorporation of PSSA functionalized MWCNTs: A comparative study in DMFCs. <i>Chemical Engineering Journal</i> , 2014, 243, 517-525.	12.7	102
2	Sulfonated fullerene in SPEEK matrix and its impact on the membrane electrolyte properties in direct methanol fuel cells. <i>Electrochimica Acta</i> , 2015, 176, 657-669.	5.2	89
3	Functionalized fullerene embedded in Nafion matrix: A modified composite membrane electrolyte for direct methanol fuel cells. <i>Chemical Engineering Journal</i> , 2016, 306, 43-52.	12.7	84
4	Amino acid functionalized graphene oxide based nanocomposite membrane electrolytes for direct methanol fuel cells. <i>Journal of Membrane Science</i> , 2018, 551, 1-11.	8.2	84
5	Carbon Nanocomposite Membrane Electrolytes for Direct Methanol Fuel Cells—A Concise Review. <i>Nanomaterials</i> , 2019, 9, 1292.	4.1	37
6	Nanocomposite membranes of sulfonated poly(phthalalizinone ether ketone)–sulfonated graphite nanofibers as electrolytes for direct methanol fuel cells. <i>RSC Advances</i> , 2016, 6, 107507-107518.	3.6	25
7	Bio-functionalized hybrid nanocomposite membranes for direct methanol fuel cells. <i>RSC Advances</i> , 2016, 6, 57709-57721.	3.6	24
8	Hybrid membranes for polymer electrolyte fuel cells operating under various relative humidity values. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3437-3448.	2.5	12
9	Electrocatalytic behaviour of hybrid cobalt–manganese hexacyanoferrate film on glassy carbon electrode. <i>Thin Solid Films</i> , 2014, 565, 207-214.	1.8	10
10	Revealing Hexadecyltrimethylammonium Chloride (HDTA) Intercalated Bentonite in Sulfonated Poly(ether ether ketone) as Nanocomposite Membrane Electrolyte for Direct Methanol Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2018, 165, F1358-F1368.	2.9	4
11	Enhancement of water retention in UV-exposed fuel-cell proton exchange membranes studied using terahertz spectroscopy. , 2016, , .		1