

Andrew L Dicks

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3793155/publications.pdf>

Version: 2024-02-01

23
papers

5,602
citations

394421

19
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

5003
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of carbon in fuel cells. <i>Journal of Power Sources</i> , 2006, 156, 128-141.	7.8	548
2	Hydrogen generation from natural gas for the fuel cell systems of tomorrow. <i>Journal of Power Sources</i> , 1996, 61, 113-124.	7.8	360
3	Non precious metal catalysts for the PEM fuel cell cathode. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 357-372.	7.1	331
4	Catalytic aspects of the steam reforming of hydrocarbons in internal reforming fuel cells. <i>Catalysis Today</i> , 1997, 38, 411-423.	4.4	196
5	Advances in catalysts for internal reforming in high temperature fuel cells. <i>Journal of Power Sources</i> , 1998, 71, 111-122.	7.8	177
6	Hydrogen from coal: Production and utilisation technologies. <i>International Journal of Coal Geology</i> , 2006, 65, 213-222.	5.0	140
7	Surface modification of carbon fuels for direct carbon fuel cells. <i>Journal of Power Sources</i> , 2009, 186, 1-9.	7.8	135
8	Evaluation of raw coals as fuels for direct carbon fuel cells. <i>Journal of Power Sources</i> , 2010, 195, 4051-4058.	7.8	134
9	Molten carbonate fuel cells. <i>Current Opinion in Solid State and Materials Science</i> , 2004, 8, 379-383.	11.5	127
10	Intrinsic reaction kinetics of methane steam reforming on a nickel/zirconia anode. <i>Journal of Power Sources</i> , 2000, 86, 523-530.	7.8	116
11	Nafion/polyaniline/silica composite membranes for direct methanol fuel cell application. <i>Journal of Power Sources</i> , 2007, 166, 324-330.	7.8	115
12	Factors That Determine the Performance of Carbon Fuels in the Direct Carbon Fuel Cell. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 9670-9677.	3.7	106
13	Modification of Coal as a Fuel for the Direct Carbon Fuel Cell. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3855-3862.	2.5	72
14	Hydrogen production and utilisation opportunities for Australia. <i>International Journal of Hydrogen Energy</i> , 2005, 30, 669-679.	7.1	70
15	A study of SOFC–PEM hybrid systems. <i>Journal of Power Sources</i> , 2000, 86, 501-506.	7.8	45
16	Assessment of commercial prospects of molten carbonate fuel cells. <i>Journal of Power Sources</i> , 2000, 86, 316-323.	7.8	42
17	Low energy plasma treatment of Nafion™ membranes for PEM fuel cells. <i>Journal of Power Sources</i> , 2007, 165, 41-48.	7.8	42
18	Carbon Nanofibers Synthesized by Catalytic Decomposition of Methane and Their Electrochemical Performance in a Direct Carbon Fuel Cell. <i>Energy & Fuels</i> , 2009, 23, 3721-3731.	5.1	32

#	ARTICLE	IF	CITATIONS
19	Structural and conductivity studies of Y ₁₀ La ₂ O ₂₁ . Journal of Solid State Chemistry, 2010, 183, 1095-1101.	2.9	23
20	Impact of Australian natural gas and coal bed methane composition on PEM fuel cell performance. International Journal of Hydrogen Energy, 2009, 34, 8892-8904.	7.1	5
21	Providing and Processing Fuel. , 2003, , .		3
22	PEM Fuel Cells: Applications. , 2022, , 232-260.		2
23	How do we fuel fuel cells?. Fuel Cells Bulletin, 1998, 1, 7-9.	0.1	1