

Ayse Elif Sanli

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

161
citations

1307594

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1125743

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18
all docs

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docs citations

18
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of borohydride from metaborate solution using a silver catalyst for application of direct rechargeable borohydride/peroxide fuel cells. Journal of Power Sources, 2010, 195, 2604-2607.	7.8	29
2	A possible future fuel cell: the peroxide/peroxide fuel cell. International Journal of Energy Research, 2013, 37, 1488-1497.	4.5	26
3	Advanced mathematical model for the passive direct borohydride/peroxide fuel cell. International Journal of Hydrogen Energy, 2011, 36, 8542-8549.	7.1	17
4	Performance improvement in direct borohydride/peroxide fuel cells. International Journal of Hydrogen Energy, 2017, 42, 8119-8129.	7.1	16
5	Development of a power management unit for small portable direct borohydride fuel cell-NiMH battery hybrid system. International Journal of Hydrogen Energy, 2012, 37, 19103-19110.	7.1	10
6	A direct borohydride-peroxide fuel cell-LiPO battery hybrid motorcycle prototype - II. International Journal of Hydrogen Energy, 2018, 43, 992-1005.	7.1	10
7	A borohydride/peroxide fuel cell-Li-ion battery hybrid system controlled with a maximum peak power tracking algorithm. International Journal of Hydrogen Energy, 2015, 40, 15632-15639.	7.1	8
8	A novel H ₂ S/H ₂ O ₂ fuel cell operating at the temperature of 298 K. International Journal of Energy Research, 2013, 37, 1205-1212.	4.5	7
9	Effects of power control techniques on hydrogen and oxygen evolution in direct borohydride peroxide fuel cells. International Journal of Hydrogen Energy, 2017, 42, 2617-2625.	7.1	7
10	Recovery of NaBH ₄ from BH ₃ OH ⁻ hydrolyzed intermediate on the AgI surface treated with different electrochemical methods. Catalysis Today, 2011, 170, 120-125.	4.4	6
11	Investigation of the electro-oxidation of artificial Black Sea water by cyclic voltammetry on molybdenum (II). International Journal of Hydrogen Energy, 2014, 39, 9221-9229.	7.1	6
12	Comparison of power and energy density after full shunting-balancing in serial connected lithium-ion batteries and serial-connected supercapacitors. , 2015, , .		4
13	The multi-windings forward structure battery balancing. , 2014, , .		3
14	Investigation of the electro-oxidation of artificial Black Sea water using cyclic voltammetry on metal sulfide electrodes (I). International Journal of Hydrogen Energy, 2014, 39, 7236-7246.	7.1	3
15	Performance analysis of direct Black Sea hydrogen sulphide (in artificial sea water)/hydrogen peroxide fuel cells. International Journal of Hydrogen Energy, 2015, 40, 6440-6448.	7.1	3
16	Fuel cell powered hybrid system controlled by the maximum peak power tracking technique. , 2015, , .		2
17	Investigation of the Vehicle Application of Fuel Cell-Battery Hybrid Systems. , 2016, , 61-94.		2
18	A direct borohydride-peroxide fuel cell-LiPO hybrid motorcycle prototype: Investigation of short-term behavior of DBPFC stack - I. International Journal of Hydrogen Energy, 2018, 43, 986-991.	7.1	2