

Immanuel Vincent

List of Publications by Year in descending order

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14
papers

998
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Low cost hydrogen production by anion exchange membrane electrolysis: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 1690-1704.	16.4	507
2	Development of efficient membrane electrode assembly for low cost hydrogen production by anion exchange membrane electrolysis. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10752-10761.	7.1	148
3	Comprehensive impedance investigation of low-cost anion exchange membrane electrolysis for large-scale hydrogen production. <i>Scientific Reports</i> , 2021, 11, 293.	3.3	65
4	South African hydrogen infrastructure (HySA infrastructure) for fuel cells and energy storage: Overview of a projects portfolio. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 13568-13588.	7.1	46
5	Effect of operating variables on performance of membrane electrolysis cell for carrying out Bunsen reaction of Iâ€“S cycle. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 4829-4842.	7.1	37
6	Pulsed current water splitting electrochemical cycle for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10240-10248.	7.1	37
7	Highly cost-effective platinum-free anion exchange membrane electrolysis for large scale energy storage and hydrogen production. <i>RSC Advances</i> , 2020, 10, 37429-37438.	3.6	36
8	Solutions to the water flooding problem for unitized regenerative fuel cells: status and perspectives. <i>RSC Advances</i> , 2020, 10, 16844-16860.	3.6	27
9	Membrane electrolysis for Bunsen reaction of the SI cycle. <i>Journal of Membrane Science</i> , 2011, 380, 13-20.	8.2	24
10	Membrane electrolysis of Bunsen reaction in the iodineâ€“sulphur process for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 3595-3601.	7.1	23
11	Electrochemical Characterization and Oxygen Reduction Kinetics of Cu-incorporated Cobalt Oxide Catalyst. <i>International Journal of Electrochemical Science</i> , 2016, 11, 8002-8015.	1.3	21
12	Properties of Nafion 117 in highly acidic environment of Bunsen reaction of Iâ€“S cycle. <i>Journal of Membrane Science</i> , 2012, 409-410, 137-144.	8.2	20
13	The WASP model on the symbiotic strategy of renewable and nuclear power for the future of â€“Renewable Energy 3020â€“ policy in South Korea. <i>Renewable Energy</i> , 2021, 172, 929-940.	8.9	5
14	Highly Active Niâ€“Fe Based Oxide Oxygen Evolution Reaction Electrocatalysts for Alkaline Anion Exchange Membrane Electrolyser. <i>Catalysts</i> , 2022, 12, 476.	3.5	2