

Yusung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

128
citations

1478505
6
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of anode morphology on the performance of thin film solid oxide fuel cell with PEALD YSZ electrolyte. International Journal of Hydrogen Energy, 2016, 41, 9638-9643.	7.1	29
2	Substrate-dependent growth of nanothin film solid oxide fuel cells toward cost-effective nanostructuring. International Journal of Precision Engineering and Manufacturing - Green Technology, 2016, 3, 35-39.	4.9	24
3	Effect of plasma-enhanced atomic layer deposited YSZ inter-layer on cathode interface of GDC electrolyte in thin film solid oxide fuel cells. Renewable Energy, 2019, 144, 123-128.	8.9	22
4	Effects of carbon contaminations on Y2O3-stabilized ZrO2 thin film electrolyte prepared by atomic layer deposition for thin film solid oxide fuel cells. CIRP Annals - Manufacturing Technology, 2016, 65, 515-518.	3.6	19
5	Scalable fabrication process of thin-film solid oxide fuel cells with an anode functional layer design and a sputtered electrolyte. International Journal of Hydrogen Energy, 2020, 45, 33980-33992.	7.1	14
6	Characterization of thin film solid oxide fuel cells with variations in the thickness of nickel oxide-gadolinia doped ceria anode. International Journal of Precision Engineering and Manufacturing, 2016, 17, 1079-1083.	2.2	13
7	Investigation of Reducing In-Plane Resistance of Nickel Oxide-Samaria-Doped Ceria Anode in Thin-Film Solid Oxide Fuel Cells. Energies, 2020, 13, 1989.	3.1	4
8	Operating Cost Savings in the Atomic Layer Deposition Process of Ultrathin Electrolyte for Solid Oxide Fuel Cells by Applying Oxygen Plasma. International Journal of Precision Engineering and Manufacturing, 2022, 23, 573-579.	2.2	3