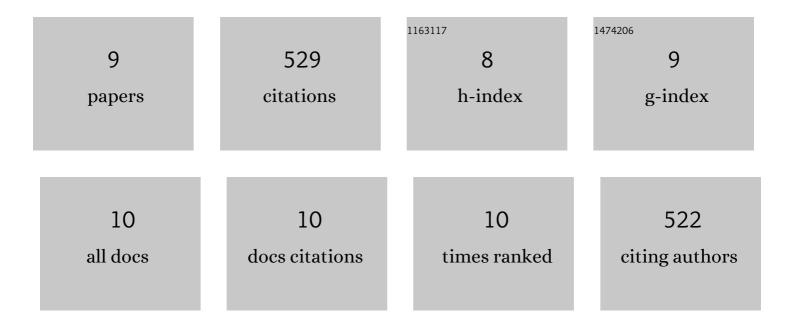
Anders Christian Olesen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Performance comparison between partial oxidation and methane steam reforming processes for solid oxide fuel cell (SOFC) micro combined heat and power (CHP) system. Energy, 2011, 36, 4216-4226.	8.8	153
2	A numerical study of the gas-liquid, two-phase flow maldistribution in the anode of a high pressure PEM water electrolysis cell. International Journal of Hydrogen Energy, 2016, 41, 52-68.	7.1	82
3	Towards uniformly distributed heat, mass and charge: A flow field design study for high pressure and high current density operation of PEM electrolysis cells. Electrochimica Acta, 2019, 293, 476-495.	5.2	79
4	VOF modelling of gas–liquid flow in PEM water electrolysis cell micro-channels. International Journal of Hydrogen Energy, 2017, 42, 16333-16344.	7.1	68
5	Modeling and experimental validation of water mass balance in a PEM fuel cell stack. International Journal of Hydrogen Energy, 2016, 41, 3079-3092.	7.1	64
6	Model-supported characterization of a PEM water electrolysis cell for the effect of compression. Electrochimica Acta, 2018, 263, 228-236.	5.2	54
7	Experimental and numerical study of flow in expanded metal plate for water electrolysis applications. Journal of Power Sources, 2018, 397, 334-342.	7.8	17
8	Analysing Gas-Liquid Flow in PEM Electrolyser Micro-Channels Using a Micro-Porous Ceramic as Gas Permeable Wall. ECS Transactions, 2017, 80, 1107-1115.	0.5	8
9	The Effect of PFSA Membrane Compression on the Predicted Performance of a High Pressure PEM Electrolysis Cell. ECS Transactions, 2015, 68, 99-116.	0.5	4