

# Anders Christian Olesen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6388655/publications.pdf>

Version: 2024-02-01

9  
papers

529  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

522  
citing authors

#	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. <i>Energy</i> , 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. <i>International Journal of Hydrogen Energy</i> , 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. <i>Electrochimica Acta</i> , 2019, 293, 476-495.	5.2	79
4	VOF modelling of gas-liquid flow in PEM water electrolysis cell micro-channels. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 16333-16344.	7.1	68
5	Modeling and experimental validation of water mass balance in a PEM fuel cell stack. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 3079-3092.	7.1	64
6	Model-supported characterization of a PEM water electrolysis cell for the effect of compression. <i>Electrochimica Acta</i> , 2018, 263, 228-236.	5.2	54
7	Experimental and numerical study of flow in expanded metal plate for water electrolysis applications. <i>Journal of Power Sources</i> , 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. <i>ECS Transactions</i> , 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. <i>ECS Transactions</i> , 2015, 68, 99-116.	0.5	4