David Martinez-Diaz

List of Publications by Year
in descending order

12	228	1162367 8	1199166 12
papers	citations	h-index	g-index

12	12	12	210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Versatile and Resistant Electroless Pore-Plated Pd-Membranes for H2-Separation: Morphology and Performance of Internal Layers in PSS Tubes. Membranes, 2022, 12, 530.	1.4	2
2	Hardener Isomerism and Content of Dynamic Disulfide Bond Effect on Chemical Recycling of Epoxy Networks. ACS Applied Polymer Materials, 2022, 4, 5068-5076.	2.0	11
3	Stability of electroless pore-plated Pd-membranes in acetic acid steam membrane-reformers for ultra-pure hydrogen production. Fuel Processing Technology, 2021, 212, 106619.	3.7	6
4	Comprehensive permeation analysis and mechanical resistance of electroless pore-plated Pd-membranes with ordered mesoporous ceria as intermediate layer. Separation and Purification Technology, 2021, 258, 118066.	3.9	10
5	Systematic experimental assessment of concentration polarization and inhibition in Pd-based membranes for hydrogen purification. Fuel Processing Technology, 2021, 213, 106661.	3.7	10
6	Life cycle assessment of H2-selective Pd membranes fabricated by electroless pore-plating. Journal of Cleaner Production, 2021, 316, 128229.	4.6	9
7	Stability of pore-plated membranes for hydrogen production in fluidized-bed membrane reactors. International Journal of Hydrogen Energy, 2020, 45, 7374-7385.	3.8	27
8	Influence of Si and Fe/Cr oxides as intermediate layers in the fabrication of supported Pd membranes. Separation and Purification Technology, 2020, 234, 116091.	3.9	8
9	Pd-thickness reduction in electroless pore-plated membranes by using doped-ceria as interlayer. International Journal of Hydrogen Energy, 2020, 45, 7278-7289.	3.8	16
10	Effective H2 Separation through Electroless Pore-Plated Pd Membranes Containing Graphite Lead Barriers. Membranes, 2020, 10, 410.	1.4	4
11	H2 permeation increase of electroless pore-plated Pd/PSS membranes with CeO2 intermediate barriers. Separation and Purification Technology, 2019, 216, 16-24.	3.9	22
12	Review of Supported Pd-Based Membranes Preparation by Electroless Plating for Ultra-Pure Hydrogen Production. Membranes, 2018, 8, 5.	1.4	103