

David Martinez-Diaz

List of Publications by Year in descending order

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12
papers

228
citations

1162367

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1199166

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12
times ranked

210
citing authors

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