

Anastasiia Konovalova

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

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#	ARTICLE	IF	CITATIONS
1	Polybenzimidazole (PBI-OO) based composite membranes using sulfophenylated TiO ₂ as both filler and crosslinker, and their use in the HT-PEM fuel cell. <i>Journal of Membrane Science</i> , 2018, 560, 11-20.	8.2	109
2	Phosphoric acid doped crosslinked polybenzimidazole (PBI-OO) blend membranes for high temperature polymer electrolyte fuel cells. <i>Journal of Membrane Science</i> , 2017, 544, 416-424.	8.2	80
3	Blend membranes of polybenzimidazole and an anion exchange ionomer (FAA3) for alkaline water electrolysis: Improved alkaline stability and conductivity. <i>Journal of Membrane Science</i> , 2018, 564, 653-662.	8.2	60
4	Blending polybenzimidazole with an anion exchange polymer increases the efficiency of vanadium redox flow batteries. <i>Journal of Membrane Science</i> , 2019, 580, 110-116.	8.2	59
5	Thermally crosslinked sulfonated polybenzimidazole membranes and their performance in high temperature polymer electrolyte fuel cells. <i>Journal of Membrane Science</i> , 2019, 588, 117218.	8.2	44
6	Polybenzimidazole / tetrazole-modified poly(arylene ether) blend membranes for high temperature proton exchange membrane fuel cells. <i>Journal of Membrane Science</i> , 2020, 614, 118494.	8.2	40
7	High temperature polymer electrolyte membrane fuel cells with Polybenzimidazole-Ce _{0.9} Gd _{0.1} P ₂ O ₇ and polybenzimidazole-Ce _{0.9} Gd _{0.1} P ₂ O ₇ -graphite oxide composite electrolytes. <i>Journal of Power Sources</i> , 2018, 401, 149-157.	7.8	15
8	Partially methylated polybenzimidazoles as coating for alkaline zinc anodes. <i>Journal of Membrane Science</i> , 2020, 610, 118254.	8.2	12