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## Branched Poly(Aryl Piperidinium) Membranes for Anion-Exchange Membrane Fuel Cells.

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18	Crosslinked poly(m-terphenyl N-methyl piperidinium)-SEBS membranes with aryl-ether free and kinked backbones as highly stable and conductive anion exchange membranes. <i>Journal of Membrane Science</i> , <b>2022</b> , 653, 120487	9.6	4
17	Communication Electropolymerization of Anion-Conducting Polymer Films. <i>Journal of the Electrochemical Society</i> ,	3.9	
16	Anion Exchange Membranes for Fuel Cells: State-of-the-Art and Perspectives. <i>Advanced Energy Materials</i> , 2200934	21.8	3
15	A review on anion exchange membranes for fuel cells: Anion-exchange polyelectrolytes and synthesis strategies. <i>International Journal of Hydrogen Energy</i> , <b>2022</b> ,	6.7	1
14	Construction of N-spirocyclic cationic three-dimensional highly stable transport channels by electrospinning for anion exchange membrane fuel cells. <b>2022</b> , 660, 120852		0
13	Pyrrolidinium-Based Hyperbranched Anion Exchange Membranes with Controllable Microphase Separated Morphology for Alkaline Fuel Cells. 2200669		0
12	Structural-enhanced bacterial cellulose based alkaline exchange membranes for highly selective CO <sub>2</sub> electrochemical reduction and excellent conductive performance in flexible zinc-air batteries. <b>2022</b> , 139807		1
11	Branched Tröger's base polymer membranes for gas separation. <b>2022</b> , 262, 125437		0
10	Alkaline anion exchange membrane containing pyrene-based $\pi$ - $\pi$ stacking interactions. <b>2023</b> , 553, 232247		0
9	Chain Architecture Dependence of Morphology and Water Transport in Poly(fluorene alkylene)-Based Anion-Exchange Membranes.		0
8	Ionomers Modify the Selectivity of Cu-Catalyzed Electrochemical CO <sub>2</sub> Reduction.		0
7	Highly Branched Poly(arylene ether ketone sulfone)s Bearing Flexible Sulfoalkyl Side Chains for Proton Exchange Membranes.		0
6	Fluorinated Poly(Aryl Piperidinium) Membranes for Anion Exchange Membrane Fuel Cells. 2210432		1
5	Unsupervised Learning-Guided Accelerated Discovery of Alkaline Anion Exchange Membranes for Fuel Cells.		0
4	Crosslinked polybenzimidazole high temperature-proton exchange membranes with a polymers of intrinsic microporosity (PIM) macromolecular crosslinker. <b>2023</b> , 675, 121528		0
3	Windmill-shaped branched anion-conducting poly(aryl piperidine) with extra molecular interaction sites as new anion exchange membranes. <b>2023</b> , 564, 232822		0
2	Unsupervised Learning-Guided Accelerated Discovery of Alkaline Anion Exchange Membranes for Fuel Cells.		0

- 1 The design and synthesis of a long-side-chain-type anion exchange membrane with a hydrophilic spacer for alkaline fuel cells. **2023**, 678, 121663

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