

Jilin Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

358
citations

11
h-index

18
g-index

29
ext. papers

420
ext. citations

3.6
avg, IF

4.01
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 29 | Esterification modification and characterization of polyvinyl alcohol anion exchange membrane for direct methanol fuel cell. <i>Journal of Polymer Research</i> , 2022 , 29, 1 | 2.7 | 0 |
| 28 | Preparation and characterization of organic-inorganic hybrid anion exchange membrane based on crown ether functionalized mesoporous SBA-NH ₂ . <i>International Journal of Hydrogen Energy</i> , 2022 , 47, 14141-14157 | 6.7 | 0 |
| 27 | Ordered channels for OH ⁻ migration formed by quaternized mesoporous silica and its application in anionic conductive membranes. <i>Materials Technology</i> , 2021 , 36, 26-35 | 2.1 | 2 |
| 26 | Preparation of anion exchange membrane by incorporating IRMOF-3 in quaternized chitosan. <i>Polymer Bulletin</i> , 2021 , 78, 3785-3801 | 2.4 | 2 |
| 25 | Preparation of composite anion exchange membranes based on in-situ copolymerization of N-vinyl formamide and divinylbenzene in porous PTFE. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49872 | 2.9 | 2 |
| 24 | Construction of ordered OH ⁻ migration channels in anion exchange membrane by synergizes of cationic metal-organic framework and quaternary ammonium groups. <i>International Journal of Energy Research</i> , 2021 , 45, 10895-10911 | 4.5 | 2 |
| 23 | Preparation and characterization of a polyvinyl alcohol grafted bis-crown ether anion exchange membrane with high conductivity and strong alkali stability. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 16738-16750 | 6.7 | 9 |
| 22 | Preparation and characterization of a sol-gel derived silica/PVA-Py hybrid anion exchange membranes for alkaline fuel cell application. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 873, 114342 | 4.1 | 9 |
| 21 | Preparation and characterization of high conductivity comb polymer anion exchange membranes. <i>European Polymer Journal</i> , 2020 , 122, 109379 | 5.2 | 8 |
| 20 | Preparation of Polysulfone anion exchange membranes incorporated with Gemini cationic molecules. <i>Journal of Polymer Research</i> , 2019 , 26, 1 | 2.7 | 2 |
| 19 | Schiff base functionalized chitosan anion exchange membranes with 1,4-dichlorobutane as the crosslinker. <i>Journal of Molecular Structure</i> , 2019 , 1195, 807-814 | 3.4 | 8 |
| 18 | Synthesized Geminal-imidazolium-type ionic liquids applying for PVA-FP/[DimL][OH] anion exchange membranes for fuel cells. <i>Polymer</i> , 2019 , 170, 31-42 | 3.9 | 13 |
| 17 | Preparation of anion exchange membranes based on pyridine functionalized poly(vinyl alcohol) crosslinked by 1,4-dichlorobutane. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47395 | 2.9 | 17 |
| 16 | Preparation and characterization of chitosan-crown ether membranes for alkaline fuel cells. <i>Synthetic Metals</i> , 2019 , 247, 109-115 | 3.6 | 11 |
| 15 | 4-formyl dibenzo-18-crown-6 grafted polyvinyl alcohol as anion exchange membranes for fuel cell. <i>European Polymer Journal</i> , 2019 , 112, 581-590 | 5.2 | 20 |
| 14 | Preparation and Characterization of A Semi-interpenetrating Network Alkaline Anion Exchange Membrane. <i>Fibers and Polymers</i> , 2018 , 19, 11-21 | 2 | 14 |
| 13 | Synthesis of gemini basic ionic liquids and their application in anion exchange membranes.. <i>RSC Advances</i> , 2018 , 8, 10185-10196 | 3.7 | 15 |

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| 12 | Competitive Adsorption removal of Congo red and Rhodamine B over alkaline membrane from in situ polymerization of Gemini cationic molecule. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 141-152 | 2 | 2 |
| 11 | Photocatalytic degradation of rhodamine B based on membrane catalyst of H3O40PW12/quaternized chitosan. <i>Water and Environment Journal</i> , 2018 , 32, 585-596 | 1.7 | 3 |
| 10 | Research on methanol permeation of proton exchange membranes with incorporating ionic liquids. <i>Journal of Polymer Research</i> , 2017 , 24, 1 | 2.7 | 13 |
| 9 | Hydroxide Ion Highway Constructed by Orderly Aligned Quaternary Ammonium Groups in Anion Exchange Membranes. <i>Journal of the Electrochemical Society</i> , 2017 , 164, F1051-F1062 | 3.9 | 16 |
| 8 | Study on QPVA/TEOS hybrid anion membrane functionalized with quaternary ammonium groups for adsorption of Rhodamine B from aqueous solutions. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 9-18 | 2 | 2 |
| 7 | Formation and evaluation of interpenetrating networks of anion exchange membranes based on quaternized chitosan and copolymer poly(acrylamide)/polystyrene. <i>Solid State Ionics</i> , 2015 , 278, 49-57 | 3.3 | 11 |
| 6 | Synthesis and characterization of novel anion exchange membranes containing bi-imidazolium-based ionic liquid for alkaline fuel cells. <i>Solid State Ionics</i> , 2015 , 278, 144-151 | 3.3 | 19 |
| 5 | Study on adsorption properties of QCS/PS-G8-2-8 anion exchange membrane for Rhodamine B. <i>Journal of Molecular Structure</i> , 2015 , 1089, 116-123 | 3.4 | 6 |
| 4 | Fabrication and characterization of phosphoric acid doped imidazolium ionic liquid polymer composite membranes. <i>Journal of Molecular Liquids</i> , 2015 , 206, 10-18 | 6 | 40 |
| 3 | Preparation and properties of organic/inorganic alkaline hybrid membranes for direct methanol fuel cell application. <i>Solid State Ionics</i> , 2014 , 255, 96-103 | 3.3 | 29 |
| 2 | Anion exchange membranes based on semi-interpenetrating polymer network of quaternized chitosan and polystyrene. <i>Journal of Colloid and Interface Science</i> , 2011 , 361, 219-25 | 9.3 | 82 |
| 1 | Preparation of Polymeric Pour Point Depressants for Shale Oil. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006 , 28, 757-762 | 1.6 | 1 |