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## Investigation of a New Anion Exchange Membrane-based Direct Ammonia Fuel Cell System

DOI: 10.1002/fuce.201800052  
Fuel Cells, 2018, 18, 379-388.

**Source:** <https://exaly.com/paper-pdf/71452847/citation-report.pdf>

**Version:** 2024-04-26

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|----|--|------|-----------|
| 29 | An Efficient Direct Ammonia Fuel Cell for Affordable Carbon-Neutral Transportation. <i>Joule</i> , <b>2019</b> , 3, 2472-2484  | 27.3 | 490       |
| 28 | Investigation of perovskite oxide SrFe <sub>0.8</sub> Cu <sub>0.1</sub> Nb <sub>0.1</sub> O <sub>3-<math>\delta</math></sub> as cathode for a room temperature direct ammonia fuel cell. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 26554-26564 | 6.7  | 9         |
| 27 | Experimental investigation and assessment of direct ammonia fuel cells utilizing alkaline molten and solid electrolytes. <i>Energy</i> , <b>2019</b> , 169, 914-923  | 7.9  | 24        |
| 26 | Investigation of Perovskite Oxide SrCo Cu Nb O as a Cathode Material for Room Temperature Direct Ammonia Fuel Cells. <i>ChemSusChem</i> , <b>2019</b> , 12, 2788-2794  | 8.3  | 13        |
| 25 | Development and Assessment of a Novel Integrated System Using an Ammonia Internal Combustion Engine and Fuel Cells for Cogeneration Purposes. <i>Energy &amp; Fuels</i> , <b>2019</b> , 33, 2413-2425  | 4.1  | 4         |
| 24 | Development and performance evaluation of a direct ammonia fuel cell stack. <i>Chemical Engineering Science</i> , <b>2019</b> , 200, 285-293   | 4.4  | 15        |
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| 22 | A novel hybrid ammonia fuel cell and thermal energy storage system. <i>International Journal of Energy Research</i> , <b>2019</b> , 43, 3006-3010  | 4.5  | 13        |
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| 20 | Carbon-free sustainable energy technology: Direct ammonia fuel cells. <i>Journal of Power Sources</i> , <b>2020</b> , 476, 228454  | 8.9  | 20        |
| 19 | Experimental investigation of improvement capability of ammonia fuel cell performance with addition of hydrogen. <i>Energy Conversion and Management</i> , <b>2020</b> , 205, 112372   | 10.6 | 10        |
| 18 | Low-temperature direct ammonia fuel cells: Recent developments and remaining challenges. <i>Current Opinion in Electrochemistry</i> , <b>2020</b> , 21, 335-344  | 7.2  | 21        |
| 17 | Future Trends. <b>2021</b> , 303-319   |      | 1         |
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| 15 | An option for green and sustainable future: Electrochemical conversion of ammonia into nitrogen. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 60, 384-402  | 12   | 10        |
| 14 | A Direct Ammonia Fuel Cell with a KOH-Free Anode Feed Generating 180 mW cm <sup>2</sup> at 120 °C. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 134518   | 3.9  | 7         |
| 13 | Effect of Ammonia on the Electrocatalysis of Oxygen Reduction Reaction in Base. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 164510  | 3.9  | 2         |

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| 12 | Performance Study of Direct Ammonia Fuel Cell Based on PtIr/C Anode Electrocatalyst. <i>Acta Chimica Sinica</i> , <b>2021</b> , 79, 1286  | 3.3  | 1 |
| 11 | Synthesis of Anti-poisoning Spinel Mn-Co-C as Cathode Catalysts for Low-Temperature Anion Exchange Membrane Direct Ammonia Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 53945-53954  | 9.5  | 2 |
| 10 | Transforming wastewater ammonia to carbon free energy: Integrating fuel cell technology with ammonia stripping for direct power production. <i>Separation and Purification Technology</i> , <b>2022</b> , 289, 120755 | 8.3  | 0 |
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