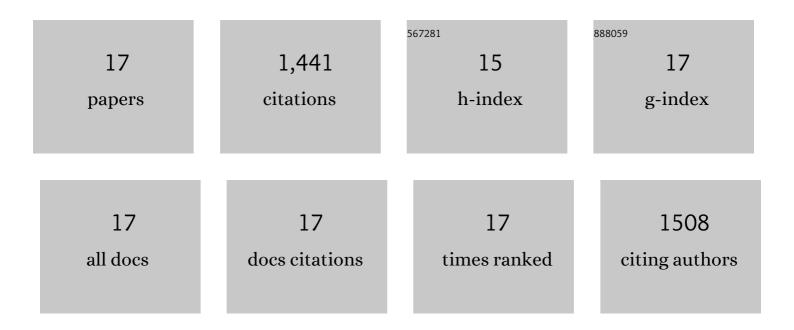
Hanqing Peng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A completely precious metal–free alkaline fuel cell with enhanced performance using a carbon-coated nickel anode. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119883119.	7.1	54
2	A stable zinc-based secondary battery realized by anion-exchange membrane as the separator. Journal of Power Sources, 2021, 486, 229376.	7.8	20
3	Interface-Enhanced Catalytic Selectivity on the C ₂ Products of CO ₂ Electroreduction. ACS Catalysis, 2021, 11, 2473-2482.	11.2	92
4	Comb-shaped anion exchange membranes: Hydrophobic side chains grafted onto backbones or linked to cations?. Journal of Membrane Science, 2021, 626, 119096.	8.2	26
5	Ultrathin Self-Cross-Linked Alkaline Polymer Electrolyte Membrane for APEFC Applications. ACS Applied Energy Materials, 2021, 4, 4297-4301.	5.1	5
6	Enhanced mass transport and water management of polymer electrolyte fuel cells via 3-D printed architectures. Journal of Power Sources, 2021, 515, 230636.	7.8	17
7	Alkaline polymer electrolyte fuel cells without anode humidification and H2 emission. Journal of Power Sources, 2020, 472, 228471.	7.8	23
8	Improving the Antioxidation Capability of the Ni Catalyst by Carbon Shell Coating for Alkaline Hydrogen Oxidation Reaction. ACS Applied Materials & Interfaces, 2020, 12, 31575-31581.	8.0	44
9	Aggregated and ionic cross-linked anion exchange membrane with enhanced hydroxide conductivity and stability. Journal of Power Sources, 2020, 459, 227838.	7.8	32
10	The Comparability of Pt to Ptâ€Ru in Catalyzing the Hydrogen Oxidation Reaction for Alkaline Polymer Electrolyte Fuel Cells Operated at 80 A°C. Angewandte Chemie, 2019, 131, 1456-1460.	2.0	22
11	Poly(arylene piperidine)s with phosphoric acid doping as high temperature polymer electrolyte membrane for durable, high-performance fuel cells. Journal of Power Sources, 2019, 443, 227219.	7.8	87
12	An alkaline polymer electrolyte CO ₂ electrolyzer operated with pure water. Energy and Environmental Science, 2019, 12, 2455-2462.	30.8	231
13	High-Loading Composition-Tolerant Co–Mn Spinel Oxides with Performance beyond 1 W/cm ² in Alkaline Polymer Electrolyte Fuel Cells. ACS Energy Letters, 2019, 4, 1251-1257.	17.4	77
14	The Comparability of Pt to Ptâ€Ru in Catalyzing the Hydrogen Oxidation Reaction for Alkaline Polymer Electrolyte Fuel Cells Operated at 80 A°C. Angewandte Chemie - International Edition, 2019, 58, 1442-1446.	13.8	99
15	Alkaline polymer electrolyte fuel cells stably working at 80â€ [−] °C. Journal of Power Sources, 2018, 390, 165-167.	7.8	256
16	Fe/N/C Nanotubes with Atomic Fe Sites: A Highly Active Cathode Catalyst for Alkaline Polymer Electrolyte Fuel Cells. ACS Catalysis, 2017, 7, 6485-6492.	11.2	141
17	High performance aliphatic-heterocyclic benzyl-quaternary ammonium radiation-grafted anion-exchange membranes. Energy and Environmental Science, 2016, 9, 3724-3735.	30.8	215