

Manu Gautam

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The pH and Potential Dependence of Pb-Catalyzed Electrochemical CO ₂ Reduction to Methyl Formate in a Dual Methanol/Water Electrolyte. <i>ChemSusChem</i> , 2022, 15, .	6.8	17
2	Multilayered Vanadium Carbide-Reduced Graphene Oxide (VC@rGO) Nanocomposite as an Ultrahigh-Capacity Anode Material for Li- and Na-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 1972-1983.	5.1	6
3	Coulombic Force Gated Molecular Transport in Redox Flow Batteries. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1374-1383.	4.6	6
4	An atmospheric water electrolyzer for decentralized green hydrogen production. <i>Cell Reports Physical Science</i> , 2021, 2, 100627.	5.6	15
5	Proton-Conducting Graphene Membrane Electrode Assembly for High Performance Hydrogen Fuel Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14189-14194.	6.7	20
6	A Rechargeable Aqueous Sodium-Ion Battery. <i>ChemElectroChem</i> , 2019, 6, 2095-2099.	3.4	21
7	A Rechargeable Hydrogen Battery. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2492-2497.	4.6	21
8	A Redox-Active Electrochemical Decoder. <i>Advanced Materials Technologies</i> , 2018, 3, 1700337.	5.8	2
9	An Interface-Controlled Redox Switch for Wastewater Remediation. <i>ChemElectroChem</i> , 2018, 5, 362-366.	3.4	3
10	Fuel Exhaling Fuel Cell. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 388-392.	4.6	27
11	Zinc Battery Driven by an Electro-Organic Reactor Cathode. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15007-15014.	6.7	2
12	A hybrid hydrazine redox flow battery with a reversible electron acceptor. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21724-21731.	2.8	2
13	2.6 V Aqueous Battery with a Freely Diffusing Electron Acceptor. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3707-3713.	3.1	12
14	Polarity governed selective amplification of through plane proton shuttling in proton exchange membrane fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7751-7759.	2.8	10
15	Anisotropic amplification of proton transport in proton exchange membrane fuel cells. <i>Chemical Physics Letters</i> , 2017, 679, 1-5.	2.6	6
16	Proton Exchange Membrane Fuel Cell with a Pt-free Cathode and a Freely Diffusing Electron Acceptor. <i>ChemElectroChem</i> , 2017, 4, 283-286.	3.4	6
17	A Direct Alcohol Fuel Cell Driven by an Outer Sphere Positive Electrode. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3523-3529.	4.6	13