Klemen Pirnat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7637715/publications.pdf

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21 papers	1,046 citations	430874 18 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	1365 citing authors

#	Article	IF	Citations
1	Electroactive Organic Molecules Immobilized onto Solid Nanoparticles as a Cathode Material for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2010, 49, 7222-7224.	13.8	163
2	Anthraquinoneâ€Based Polymer as Cathode in Rechargeable Magnesium Batteries. ChemSusChem, 2015, 8, 4128-4132.	6.8	137
3	Probing electrochemical reactions in organic cathode materials via in operando infrared spectroscopy. Nature Communications, 2018, 9, 661.	12.8	100
4	Electrochemical performance and redox mechanism of naphthalene-hydrazine diimide polymer as a cathode in magnesium battery. Journal of Power Sources, 2018, 395, 25-30.	7.8	76
5	Fluorinated Ether Based Electrolyte for High-Energy Lithiumâ€“Sulfur Batteries: Li⁺ Solvation Role Behind Reduced Polysulfide Solubility. Chemistry of Materials, 2017, 29, 10037-10044.	6.7	75
6	Electrochemically stabilised quinone based electrode composites for Li-ion batteries. Journal of Power Sources, 2012, 199, 308-314.	7.8	67
7	Poly(hydroquinoyl-benzoquinonyl sulfide) as an active material in Mg and Li organic batteries. Electrochemistry Communications, 2016, 69, 1-5.	4.7	54
8	Electrochemical Performance and Mechanism of Calcium Metalâ€Organic Battery. Batteries and Supercaps, 2021, 4, 214-220.	4.7	44
9	Quinone-formaldehyde polymer as an active material in Li-ion batteries. Journal of Power Sources, 2016, 315, 169-178.	7.8	43
10	Indirect Synthesis Route toward Cross-Coupled Polymers for High Voltage Organic Positive Electrodes. Chemistry of Materials, 2018, 30, 5726-5732.	6.7	40
11	Effect of salts on the electrochemical performance of Mg metalâ€'organic battery. Journal of Power Sources, 2019, 430, 90-94.	7.8	40
12	Quinone Based Materials as Renewable High Energy Density Cathode Materials for Rechargeable Magnesium Batteries. Materials, 2020, 13, 506.	2.9	31
13	Spectroscopic Insights into the Electrochemical Mechanism of Rechargeable Calcium/Sulfur Batteries. Chemistry of Materials, 2020, 32, 8266-8275.	6.7	29
14	Synthesis of Redox Polymer Nanoparticles Based on Poly(vinyl catechols) and Their Electroactivity. Macromolecules, 2019, 52, 8155-8166.	4.8	25
15	Redox Mechanisms in Li and Mg Batteries Containing Poly(phenanthrene quinone)/Graphene Cathodes using Operando ATRâ€IR Spectroscopy. ChemSusChem, 2020, 13, 2328-2336.	6.8	23
16	Electrochemical Mechanism of Al Metalâ€“Organic Battery Based on Phenanthrenequinone. Energy Material Advances, 2021, 2021, .	11.0	21
17	On the Practical Applications of the Magnesium Fluorinated Alkoxyaluminate Electrolyte in Mg Battery Cells. ACS Applied Materials & Interfaces, 2022, 14, 26766-26774.	8.0	19
18	Redoxâ€Active Functionalized Graphene Nanoribbons as Electrode Material for Liâ€Ion Batteries. ChemElectroChem, 2014, 1, 2131-2137.	3.4	14

#	Article	IF	Citations
19	1,2,4,5-Tetramethoxybenzene as a redox shuttle and their analogues in Li-ion batteries. Journal of Power Sources, 2013, 235, 214-219.	7.8	12
20	Electrochemical Performance of Mg Metalâ€Quinone Battery in Chlorideâ€Free Electrolyte. Batteries and Supercaps, 2021, 4, 815-822.	4.7	9
21	Enamino esters in the synthesis of heterocyclic systems. Transformation of diethyl acetone-1,3-dicarboxylate into poly-substituted 1,2,7,8-tetrahydro-2,7-naphthyridine-4-carboxylates. Arkivoc, 2011, 2011, 120-129.	0.5	0