

Ayuko Kitajou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cathode properties of FeF ₃ /V ₂ O ₅ Glass/C for lithium-ion batteries. Journal of Alloys and Compounds, 2021, 856, 157449.	5.5	7
2	Enhanced electrochemical performance of Li _{2.72} Na _{0.31} MnPO ₄ CO ₃ as a cathode material in water-in-salt electrolytes. Chemical Communications, 2021, 57, 12840-12843.	4.1	2
3	Local structure of a highly concentrated NaClO ₄ aqueous solution-type electrolyte for sodium ion batteries. Physical Chemistry Chemical Physics, 2020, 22, 26452-26458.	2.8	18
4	Cathode Properties of Na ₃ FePO ₄ CO ₃ Prepared by the Mechanical Ball Milling Method for Na-ion Batteries. Scientific Reports, 2020, 10, 3278.	3.3	15
5	Amorphous NaF-FeSO ₄ Systems (1 at% NaF, 2 at% FeSO ₄) with Excellent Cathode Properties for Sodium-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 5968-5974.	5.1	12
6	Electrochemical properties of titanium fluoride with high rate capability for lithium-ion batteries. Journal of Power Sources, 2019, 419, 1-5.	7.8	11
7	Cathode Properties of Na ₃ MnPO ₄ CO ₃ Prepared by the Mechanical Ball Milling Method for Na-Ion Batteries. Energies, 2019, 12, 4534.	3.1	8
8	First-Principles Study of X-Ray Absorption Spectra in NaFeSO ₄ F for Exploring Na-Ion Battery Reactions. Journal of the Physical Society of Japan, 2019, 88, 124709.	1.6	6
9	A single-phase all-solid-state lithium battery based on Li _{1.5} Cr _{0.5} Ti _{1.5} (PO ₄) ₃ for high rate capability and low temperature operation. Chemical Communications, 2018, 54, 3178-3181.	4.1	14
10	Electrochemical Performance and Thermal Stability of Iron Oxyfluoride (FeOF) for Sodium-Ion Batteries. Batteries, 2018, 4, 68.	4.5	4
11	Amorphous xLiF-FeSO ₄ (1 at% LiF, 2 at% FeSO ₄) composites as a cathode material for lithium ion batteries. Solid State Ionics, 2018, 326, 48-51.	2.7	14
12	Cathode Properties of Perovskite-type NaMF ₃ (M= Fe, Mn, and Co) Prepared by Mechanical Ball Milling for Sodium-ion Battery. Electrochimica Acta, 2017, 245, 424-429.	5.2	24
13	A Single-Phase, All-Solid-State Sodium Battery Using Na ₃ V ₂ (PO ₄) ₃ as the Cathode, Anode, and Electrolyte. Advanced Materials Interfaces, 2017, 4, 1600942.		
14	Single-Phase All-Solid-State Lithium-Ion Battery Using Li ₃ V ₂ (PO ₄) ₃ as the Cathode, Anode, and Electrolyte. ChemistrySelect, 2017, 2, 7925-7929.	1.5	12
15	Improvement in the Energy Density of Na ₃ V ₂ (PO ₄) ₃ by Mg Substitution. ChemElectroChem, 2017, 4, 2755-2759.	3.4	46
16	Synthesis and Electrochemical Properties of Fe ₃ C-carbon Composite as an Anode Material for Lithium-ion Batteries. Electrochemistry, 2017, 85, 630-633.	1.4	10
17	Effect of Concentrated Electrolyte on Aqueous Sodium-ion Battery with Sodium Manganese Hexacyanoferrate Cathode. Electrochemistry, 2017, 85, 179-185.	1.4	106
18	Discharge and Charge Reaction of Perovskite-type (M ₁ M ₂ F ₃) ₃ Cathodes for Lithium-ion Batteries. Electrochemistry, 2017, 85, 472-477.	1.4	17

#	ARTICLE	IF	CITATIONS
19	Thermal Characteristics of Conversion-Type FeOF Cathode in Li-ion Batteries. Batteries, 2017, 3, 33.	4.5	3
20	Improvement of Cathode Properties by Lithium Excess in Disordered Rocksalt $\text{Li}_{2-x}\text{Mn}_x\text{Ti}_{1-x}\text{O}_2$. Electrochemistry, 2016, 84, 597-600.	7.8	72
21	Electrolyte dependence of the performance of a $\text{Na}_2\text{FeP}_2\text{O}_7//\text{NaTi}_2(\text{PO}_4)_3$ rechargeable aqueous sodium-ion battery. Journal of Power Sources, 2016, 327, 327-332.	7.8	3
22	Capacity improvement by deficit of transition metals in inverse spinel $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{VO}_4$ cathodes. Journal of Power Sources, 2016, 302, 240-246.	1.4	19
23	Electrochemical Performance of a Novel Cathode material "LiFeOF" for Li-ion Batteries. Electrochemistry, 2015, 83, 885-888.	1.6	11
24	Discharge Reaction Mechanisms in Na/FeS_2 Batteries: First-Principles Calculations. Journal of the Physical Society of Japan, 2015, 84, 124709.	6.0	7
25	TiO ₂ -entrained tubular carbon nanofiber and its electrochemical properties in the rechargeable Na-ion battery system. Applied Thermal Engineering, 2014, 72, 309-314.	7.8	145
26	Discharge/charge reaction mechanism of a pyrite-type FeS ₂ cathode for sodium secondary batteries. Journal of Power Sources, 2014, 247, 391-395.	7.8	44
27	Synthesis of FeOF using roll-quenching method and the cathode properties for lithium-ion battery. Journal of Power Sources, 2013, 243, 494-498.	7.8	66
28	Novel synthesis and electrochemical properties of perovskite-type NaFeF_3 for a sodium-ion battery. Journal of Power Sources, 2012, 198, 389-392.		