

Rafael Klee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A dual vanadium substitution strategy for improving NASICON-type cathode materials for Na-ion batteries. <i>Sustainable Energy and Fuels</i> , 2021, 5, 4095-4103.	4.9	2
2	Effect of the Mn/V ratio to optimize the kinetic properties of $\text{Na}_{3+x}\text{Mn}_x\text{V}_{1-x}\text{Cr}(\text{PO}_4)_3$ positive electrode for sodium-ion batteries. <i>Electrochimica Acta</i> , 2021, 375, 137982.	5.2	15
3	On the benefits of Cr substitution on $\text{Na}_4\text{MnV}(\text{PO}_4)_3$ to improve the high voltage performance as cathode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2021, 495, 229811.	7.8	32
4	Iron substitution in $\text{Na}_4\text{VMn}(\text{PO}_4)_3$ as a strategy for improving the electrochemical performance of sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115533.	3.8	9
5	Influence of Cosurfactant on the Synthesis of Surface-Modified $\text{Na}_{2/3}\text{Ni}_{1/3}\text{Mn}_{2/3}\text{O}_2$ as a Cathode for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2020, 7, 3528-3534.	3.4	5
6	Fast ultrasound-assisted synthesis of highly crystalline MIL-88A particles and their application as ethylene adsorbents. <i>Ultrasonics Sonochemistry</i> , 2019, 50, 59-66.	8.2	59
7	Treasure Na-ion anode from trash coke by adept electrolyte selection. <i>Journal of Power Sources</i> , 2017, 347, 127-135.	7.8	40
8	On the effect of carbon content for achieving a high performing $\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ nanocomposite as cathode for sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2017, 784, 47-54.	3.8	49
9	Improved Surface Stability of $\text{C}_x\text{M}_y\text{O}_z @ \text{Na}_3\text{V}_2(\text{PO}_4)_3$ Prepared by Ultrasonic Method as Cathode for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1471-1478.	8.0	37
10	High-Performance $\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ Cathode for Sodium-Ion Batteries Prepared by a Ball-Milling-Assisted Method. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3212-3218.	2.0	42
11	Enhanced high-rate performance of manganese substituted $\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ as cathode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2016, 313, 73-80.	7.8	126
12	$\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ Nanorods with Improved Electrode-Electrolyte Interface As Cathode Material for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23151-23159.	8.0	92