

James C Pramudita

List of Publications by Year in descending order

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17
papers

1,482
citations

567281

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888059

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docs citations

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times ranked

2583
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#	ARTICLE	IF	CITATIONS
1	Na ₄ Co ₃ (PO ₄) ₂ P ₂ O ₇ through Correlative <i>Operando</i> X-ray Diffraction and Electrochemical Impedance Spectroscopy. <i>Chemistry of Materials</i> , 2019, 31, 5152-5159.	6.7	24
2	Activated Carbon from E-Waste Plastics as a Promising Anode for Sodium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10310-10322.	6.7	41
3	Rate and Composition Dependence on the Structural "Electrochemical Relationships in P2 Na _{2/3} Fe ₁ Mn ₁ O ₂ Positive Electrodes for Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2018, 30, 7503-7510.	6.7	21
4	Correlating cycling history with structural evolution in commercial 26650 batteries using in operando neutron powder diffraction. <i>Journal of Power Sources</i> , 2017, 343, 446-457.	7.8	20
5	An Initial Review of the Status of Electrode Materials for Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1602911.	19.5	854
6	Mechanisms of Sodium Insertion/Extraction on the Surface of Defective Graphenes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 431-438.	8.0	18
7	Potassium-ion intercalation in graphite within a potassium-ion battery examined using <i>in situ</i> X-ray diffraction. <i>Powder Diffraction</i> , 2017, 32, S43-S48.	0.2	31
8	The Na-MoO ₂ Phase Diagram (¹ / ₂ x <i> <i>Tj F IQ q 0 0 0 rg BT /Ove	6.7	25
9	Structure "Electrochemical Evolution of a Mn-Rich P2 Na _{2/3} Fe _{0.2} Mn _{0.8} O ₂ Na-Ion Battery Cathode. <i>Chemistry of Materials</i> , 2017, 29, 7416-7423.	6.7	58
10	Understanding the Behavior of LiCoO ₂ Cathodes at Extended Potentials in Ionic Liquid "Alkyl Carbonate Hybrid Electrolytes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15630-15638.	3.1	12
11	Sodium insertion/extraction from single-walled and multi-walled carbon nanotubes: The differences and similarities. <i>Journal of Power Sources</i> , 2016, 314, 102-108.	7.8	26
12	Crystallographic Evolution of P2 Na _{2/3} Fe _{0.4} Mn _{0.6} O ₂ Electrodes during Electrochemical Cycling. <i>Chemistry of Materials</i> , 2016, 28, 6342-6354.	6.7	69
13	The Unique Structural Evolution of the O3 Phase Na _{2/3} Fe _{2/3} Mn _{1/3} O ₂ during High Rate Charge/Discharge: A Sodium-Centred Perspective. <i>Advanced Functional Materials</i> , 2015, 25, 4994-5005.	14.9	66
14	Graphene and Selected Derivatives as Negative Electrodes in Sodium- and Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2015, 2, 600-610.	3.4	46
15	Using in situ synchrotron x-ray diffraction to study lithium- and sodium-ion batteries: A case study with an unconventional battery electrode (Cd ₂ TiO ₅). <i>Journal of Materials Research</i> , 2015, 30, 381-389.	2.6	12
16	Rate Dependent Performance Related to Crystal Structure Evolution of Na _{0.67} Mn _{0.8} Mg _{0.2} O ₂ in a Sodium-Ion Battery. <i>Chemistry of Materials</i> , 2015, 27, 6976-6986.	6.7	97
17	Sodium uptake in cell construction and subsequent <i>in operando</i> electrode behaviour of Prussian blue analogues, Fe[Fe(CN) ₆] _{1-x} ·yH ₂ O and FeCo(CN) ₆ . <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24178-24187.	2.8	62