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Cobalt Hexacyanoferrate as Cathode Material for Na+Secondary Battery

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#	Paper	IF	Citations
92	Li+Intercalation of Manganese Ferrocyanide as Investigated by In situ Valence-Differential Absorption Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 094710	1.5	10
91	Metal-Organic Frameworks: Electrochemical Properties. 2014 , 1-24		1
90	Electrochemical, structural, and electronic properties of Mn ^{II} hexacyanoferrates against Li concentration. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 067101	1.4	9
89	Nanomaterials for electrochemical energy storage. <i>Frontiers of Physics</i> , 2014 , 9, 323-350	3.7	77
88	Manganese hexacyanomanganate open framework as a high-capacity positive electrode material for sodium-ion batteries. <i>Nature Communications</i> , 2014 , 5, 5280	17.4	357
87	Ultrafast cation intercalation in nanoporous nickel hexacyanoferrate. <i>Chemical Communications</i> , 2014 , 50, 12941-3	5.8	22
86	Li-ion batteries: basics, progress, and challenges. <i>Energy Science and Engineering</i> , 2015 , 3, 385-418	3.4	441
85	Recent Advances and Prospects of Cathode Materials for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2015 , 27, 5343-64	24	746
84	Glucose-Treated Manganese Hexacyanoferrate for Sodium-Ion Secondary Battery. <i>Energies</i> , 2015 , 8, 9486-9494	3.1	8
83	Carbonized common filter paper decorated with Sn@C nanospheres as additive-free electrodes for sodium-ion batteries. <i>Carbon</i> , 2015 , 87, 70-77	10.4	39
82	Sodium iron hexacyanoferrate with high Na content as a Na-rich cathode material for Na-ion batteries. <i>Nano Research</i> , 2015 , 8, 117-128	10	221
81	Low-defect Prussian blue nanocubes as high capacity and long life cathodes for aqueous Na-ion batteries. <i>Nano Energy</i> , 2015 , 13, 117-123	17.1	196
80	Application of electrodeposited cobalt hexacyanoferrate film to extract energy from water salinity gradients. <i>RSC Advances</i> , 2015 , 5, 30032-30037	3.7	14
79	Vacancy-Free Prussian Blue Nanocrystals with High Capacity and Superior Cyclability for Aqueous Sodium-Ion Batteries. <i>ChemNanoMat</i> , 2015 , 1, 188-193	3.5	115
78	Deflated Carbon Nanospheres Encapsulating Tin Cores Decorated on Layered 3-D Carbon Structures for Low-Cost Sodium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 63-70	8.3	34
77	Facile Synthesis of Fe ₃ O ₄ @g-C Nanorods for Reversible Adsorption of Molecules and Absorption of Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 133-139	8.3	19
76	A promising cathode material of sodium iron ^{II} hexacyanoferrate for sodium ion batteries. <i>Journal of Power Sources</i> , 2015 , 275, 45-49	8.9	107

75	Enhanced battery performance in manganese hexacyanoferrate by partial substitution. <i>Electrochimica Acta</i> , 2016 , 210, 963-969	6.7	59
74	Routes to High Energy Cathodes of Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2016 , 6, 1501727	21.8	331
73	On the Mechanism of the Improved Operation Voltage of Rhombohedral Nickel Hexacyanoferrate as Cathodes for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33619-33625	9.5	66
72	Concentration dependence of Li ⁺ /Na ⁺ -diffusion in manganese hexacyanoferrates. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 067101	1.4	2
71	Higher voltage plateau cubic Prussian White for Na-ion batteries. <i>Journal of Power Sources</i> , 2016 , 324, 766-773	8.9	70
70	Polypyrrole-promoted superior cyclability and rate capability of Na _x Fe[Fe(CN) ₆] cathodes for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6036-6041	13	72
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67	Energy storage materials derived from Prussian blue analogues. <i>Science Bulletin</i> , 2017 , 62, 358-368	10.6	91
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65	A Fe/Mn-Based Prussian Blue Analogue as a K-Rich Cathode Material for Potassium-Ion Batteries. <i>ChemElectroChem</i> , 2017 , 4, 2237-2242	4.3	70
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60	Temperature effect on redox voltage in Li _x Co[Fe(CN) ₆] _y . <i>AIP Advances</i> , 2017 , 7, 045002	1.5	8
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57	Strong localization of oxidized Co state in cobalt-hexacyanoferrate. <i>Scientific Reports</i> , 2017 , 7, 16579	4.9	4
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55	High contrast gasochromism of wet processable thin film with chromic and catalytic nanoparticles. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 4760-4764	7.1	6
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53	High Crystalline Prussian White Nanocubes as a Promising Cathode for Sodium-ion Batteries. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 342-349	4.5	37
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49	High-capacity and selective ammonium removal from water using sodium cobalt hexacyanoferrate.. <i>RSC Advances</i> , 2018 , 8, 34573-34581	3.7	8
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47	Unveiling Cs-adsorption mechanism of Prussian blue analogs: Cs-percolation vacancies to complete dehydrated state.. <i>RSC Advances</i> , 2018 , 8, 34808-34816	3.7	38
46	Thermal efficiency of a thermocell made of Prussian blue analogues. <i>Scientific Reports</i> , 2018 , 8, 14784	4.9	8
45	Prussian Blue Analogs as Battery Materials. <i>Joule</i> , 2018 , 2, 1950-1960	27.8	197
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- 3 Na⁺ diffusion in Na_xCo[Fe(CN)₆]_{0.90} film as investigated by transmission image. o
- 2 Prussian Blue Electrodes for Sodium-Ion Batteries. **2022**, 167-187 o
- 1 Unexpected Chain of Redox Events in Co-Based Prussian Blue Analogues. o