Christian M Julien

List of Publications by Year
in descending order

185	11,123	25034	34986
papers	citations	57 h-index	98 g-index

189	189	189	11939
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic synthesis of CdTe NRs: Diameter dependent tuning of PL quenching efficiency for sensitive organic vapor detection. Journal of Alloys and Compounds, 2022, 901, 163663.	5.5	1
2	MoSe2-WS2 Nanostructure for an Efficient Hydrogen Generation under White Light LED Irradiation. Nanomaterials, 2022, 12, 1160.	4.1	8
3	Effect of Na Doping on the Electrochemical Performance of Li1.2Ni0.13Co0.13Mn0.54O2 Cathode for Lithium-Ion Batteries. Sustainable Chemistry, 2022, 3, 131-148.	4.7	4
4	Remedies to Avoid Failure Mechanisms of Lithium-Metal Anode in Li-Ion Batteries. Inorganics, 2022, 10, 5.	2.7	4
5	Nanostructured Molybdenum-Oxide Anodes for Lithium-Ion Batteries: An Outstanding Increase in Capacity. Nanomaterials, 2022, 12, 13.	4.1	12
6	Effect of Cationic (Na+) and Anionic (Fâˆ’) Co-Doping on the Structural and Electrochemical Properties of LiNi1/3Mn1/3Co1/3O2 Cathode Material for Lithium-Ion Batteries. International Journal of Molecular Sciences, 2022, 23, 6755.	4.1	5
7	â€œPolymer-in-ceramicâ€•based poly(Æ•caprolactone)/ceramic composite electrolyte for all-solid-state batteries. Journal of Energy Chemistry, 2021, 52, 318-325.	12.9	43
8	Tribute to John B. Goodenough: From Magnetism to Rechargeable Batteries. Advanced Energy Materials, 2021, 11, 2000773.	19.5	11
9	Structural and Electrochemical Properties of the High Ni Content Spinel LiNiMnO4. Electrochem, 2021, 2, 95-117.	3.3	2
10	RF Sputter-Deposited Nanostructured CuO Films for Micro-Supercapacitors. Applied Nano, 2021, 2, 46-66.	2.0	17
11	Enhanced Electrochemical Performance of Li4Ti5O12 by Niobium Doping for Pseudocapacitive Applications. Micro, 2021, 1, 28-42.	2.0	5
12	Recent trends in silicon/graphene nanocomposite anodes for lithium-ion batteries. Journal of Power Sources, 2021, 501, 229709.	7.8	46
13	Growth, characterization and performance of bulk and nanoengineered molybdenum oxides for electrochemical energy storage and conversion. Progress in Crystal Growth and Characterization of Materials, 2021, 67, 100533.	4.0	15
14	Interface Kinetics Assisted Barrier Removal in Large Area 2D-WS2 Growth to Facilitate Mass Scale Device Production. Nanomaterials, 2021, 11, 220.	4.1	3
15	Sonochemically synthesized nanostructured ternary electrode material for coin-cell-type supercapacitor applications. FlatChem, 2021, 30, 100304.	5.6	6
16	Pseudocapacitance controlled fast-charging and long-life lithium ion battery achieved via a 3D mutually embedded VPO4/rGO electrode. Journal of Alloys and Compounds, 2020, 812, 152135.	5.5	18
17	Modulating molecular orbital energy level of lithium polysulfide for high-rate and long-life lithium-sulfur batteries. Energy Storage Materials, 2020, 24, 373-378.	18.0	32
18	TiO2 thin films on Au/Ti/SiO2/textured Si substrates as high capacity anode materials for Li-ion batteries. Ceramics International, 2020, 46, 10299-10308.	4.8	12

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19	Tribute to Michel Armand: from Rocking Chair â€“ Li-ion to Solid-State Lithium Batteries. Journal of the Electrochemical Society, 2020, 167, 070507.	2.9	74
20	From Solidâ€Solution Electrodes and the Rockingâ€Chair Concept to Today's Batteries. Angewandte Chemie, 2020, 132, 542-546.	2.0	28
21	From Solidâ€Solution Electrodes and the Rockingâ€Chair Concept to Today's Batteries. Angewandte Chemie - International Edition, 2020, 59, 534-538.	13.8	124
22	Amorphous Mo5O14-Type/Carbon Nanocomposite with Enhanced Electrochemical Capability for Lithium-Ion Batteries. Nanomaterials, 2020, 10, 8.	4.1	14
23	NCA, NCM811, and the Route to Ni-Richer Lithium-Ion Batteries. Energies, 2020, 13, 6363.	3.1	68
24	State-of-the-Art Electrode Materials for Sodium-Ion Batteries. Materials, 2020, 13, 3453.	2.9	37
25	Effects of chelators on the structure and electrochemical properties of Li-rich Li1.2Ni0.13Co0.13Mn0.54O2 cathode materials. Journal of Solid State Electrochemistry, 2020, 24, 3157-3172.	2.5	7
26	Sulfide and Oxide Inorganic Solid Electrolytes for All-Solid-State Li Batteries: A Review. Nanomaterials, 2020, 10, 1606.	4.1	179
27	Nanostructured Graphene Oxide-Based Hybrids as Anodes for Lithium-Ion Batteries. Journal of Carbon Research, 2020, 6, 81.	2.7	8
28	Ag-Modified LiMn2O4 Cathode for Lithium-Ion Batteries: Coating Functionalization. Energies, 2020, 13, 5194.	3.1	19
29	A polypyrrole/black-TiO2/S double-shelled composite fixing polysulfides for lithium-sulfur batteries. Electrochimica Acta, 2020, 353, 136529.	5.2	29
30	Synthesis of High Surface Area Î±-KyMnO2 Nanoneedles Using Extract of Broccoli as Bioactive Reducing Agent and Application in Lithium Battery. Materials, 2020, 13, 1269.	2.9	5
31	Lithium-Rich Cobalt-Free Manganese-Based Layered Cathode Materials for Li-Ion Batteries: Suppressing the Voltage Fading. Energies, 2020, 13, 3487.	3.1	22
32	Improved ion-diffusion assisted uniform growth of 1D CdS nanostructures for enhanced optical and energy storage properties. Applied Surface Science, 2020, 512, 145654.	6.1	9
33	Brief History of Early Lithium-Battery Development. Materials, 2020, 13, 1884.	2.9	253
34	Molybdenum-Suboxide Thin Films as Anode Layers in Planar Lithium Microbatteries. Electrochem, 2020, 1, 160-187.	3.3	6
35	Synthesis of highly reproducible CdTe nanotubes on anodized alumina template and confinement study by photoluminescence and Raman spectroscopy. Journal of Alloys and Compounds, 2019, 809, 151765.	5.5	16
36	Li2TiO3/Ni foam composite as high-performance electrode for energy storage and conversion. Heliyon, 2019, 5, e02060.	3.2	16

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37	Transport Properties of Nanostructured Li2TiO3 Anode Material Synthesized by Hydrothermal Method. Sci, 2019, 1, 56.	3.0	15
38	O₂ Adsorption Associated with Sulfur Vacancies on MoS₂ Microspheres. Inorganic Chemistry, 2019, 58, 2169-2176.	4.0	40
39	Sputtered LiCoO2 Cathode Materials for All-solid-state Thin-film Lithium Microbatteries. Materials, 2019, 12, 2687.	2.9	43
40	Doped Nanoscale NMC333 as Cathode Materials for Li-Ion Batteries. Materials, 2019, 12, 2899.	2.9	20
41	Pulsed Laser Deposited Films for Microbatteries. Coatings, 2019, 9, 386.	2.6	46
42	Recent Progress on Organic Electrodes Materials for Rechargeable Batteries and Supercapacitors. Materials, 2019, 12, 1770.	2.9	97
43	Synthesis and interface stability of polystyrene-poly(ethylene glycol)-polystyrene triblock copolymer as solid-state electrolyte for lithium-metal batteries. Journal of Power Sources, 2019, 428, 93-104.	7.8	56
44	Cross-linking network based on Poly(ethylene oxide): Solid polymer electrolyte for room temperature lithium battery. Journal of Power Sources, 2019, 420, 63-72.	7.8	186
45	Constructing metal-free and cost-effective multifunctional separator for high-performance lithium-sulfur batteries. Nano Energy, 2019, 59, 390-398.	16.0	96
46	Building Better Batteries in the Solid State: A Review. Materials, 2019, 12, 3892.	2.9	168
47	Improved electrochemical performance of LiNi0.5Mn0.5O2 by Li-enrichment and AlF3 coating. Materialia, 2019, 5, 100207.	2.7	21
48	Functional behavior of AlF₃ coatings for high-performance cathode materials for lithium-ion batteries. AIMS Materials Science, 2019, 6, 406-440.	1.4	20
49	Electrochemical performance of nanosized MnO2 synthesized by redox route using biological reducing agents. Journal of Alloys and Compounds, 2018, 746, 227-237.	5.5	22
50	V-insertion in Li(Fe,Mn)FePO4. Journal of Power Sources, 2018, 383, 133-143.	7.8	9
51	Role of perfluoropolyether-based electrolytes in lithium metal batteries: Implication for suppressed Al current collector corrosion and the stability of Li metal/electrolytes interfaces. Journal of Power Sources, 2018, 380, 115-125.	7.8	40
52	Self-assembled layer-by-layer partially reduced graphene oxideâ€“sulfur composites as lithiumâ€“sulfur battery cathodes. RSC Advances, 2018, 8, 3443-3452.	3.6	18
53	Anatase TiO2 nanoparticles for lithium-ion batteries. Ionics, 2018, 24, 2925-2934.	2.4	88
54	Green synthesis of nanosized manganese dioxide as positive electrode for lithium-ion batteries using lemon juice and citrus peel. Electrochimica Acta, 2018, 262, 74-81.	5.2	39

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55	EDTA as chelating agent for sol-gel synthesis of spinel LiMn2O4 cathode material for lithium batteries. Journal of Alloys and Compounds, 2018, 737, 758-766.	5.5	36
56	A comprehensive review of lithium salts and beyond for rechargeable batteries: Progress and perspectives. Materials Science and Engineering Reports, 2018, 134, 1-21.	31.8	136
57	Olivine Positive Electrodes for Li-Ion Batteries: Status and Perspectives. Batteries, 2018, 4, 39.	4.5	41
58	Li₂TiO₃/Graphene and Li₂TiO₃/CNT Composites as Anodes for High Power Liâ€“Ion Batteries. ChemistrySelect, 2018, 3, 9150-9158.	1.5	20
59	V₂O₅ thin films for energy storage and conversion. AIMS Materials Science, 2018, 5, 349-401.	1.4	40
60	In situ Raman analyses of electrode materials for Li-ion batteries. AIMS Materials Science, 2018, 5, 650-698.	1.4	64
61	Challenges and issues facing lithium metal for solid-state rechargeable batteries. Journal of Power Sources, 2017, 353, 333-342.	7.8	273
62	Studies of Spinel-to-Layered Structural Transformations in LiMn₂O₄ Electrodes Charged to High Voltages. Journal of Physical Chemistry C, 2017, 121, 9120-9130.	3.1	26
63	Li(Ni,Co)PO4 as cathode materials for lithium batteries: Will the dream come true?. Current Opinion in Electrochemistry, 2017, 6, 63-69.	4.8	31
64	Advances in lithiumâ€”sulfur batteries. Materials Science and Engineering Reports, 2017, 121, 1-29.	31.8	100
65	Nano-CoF 3 prepared by direct fluorination with F 2 gas: Application as electrode material in Li-ion battery. Journal of Fluorine Chemistry, 2017, 196, 117-127.	1.7	22
66	Nanotechnology of Positive Electrodes for Li-Ion Batteries. Inorganics, 2017, 5, 25.	2.7	12
67	Study of Cathode Materials for Lithium-Ion Batteries: Recent Progress and New Challenges. Inorganics, 2017, 5, 32.	2.7	68
68	Nanostructured MnO2 as Electrode Materials for Energy Storage. Nanomaterials, 2017, 7, 396.	4.1	195
69	Optimization of Layered Cathode Materials for Lithium-Ion Batteries. Materials, 2016, 9, 595.	2.9	89
70	Olivine-Based Blended Compounds as Positive Electrodes for Lithium Batteries. Inorganics, 2016, 4, 17.	2.7	16
71	Structural properties and application in lithium cells of Li(Ni0.5Co0.5)1â^'Fe O2 (0Ââ‰ÂyÂâ‰Â0.25) prepared by solâ€“gel route: Doping optimization. Journal of Power Sources, 2016, 320, 168-179.	7.8	15
72	In operando scanning electron microscopy and ultravioletâ€“visible spectroscopy studies of lithium/sulfur cells using all solid-state polymer electrolyte. Journal of Power Sources, 2016, 319, 247-254.	7.8	118

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73	Urchin-like Î±-MnO2 formed by nanoneedles for high-performance lithium batteries. Ionics, 2016, 22, 2263-2271.	2.4	27
74	Blend formed by oxygen deficient MoO 3â˜Î´ oxides as lithium-insertion compounds. Journal of Alloys and Compounds, 2016, 686, 744-752.	5.5	19
75	Influence of Ti and Zr dopants on the electrochemical performance of LiCoO2 film cathodes prepared by rf-magnetron sputtering. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 209, 30-36.	3.5	14
76	Electro-synthesis, characterization and photoconducting performance of ITO/polybithiopheneâ€“MnO2 composite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 208, 29-38.	3.5	6
77	Lithium Batteries. , 2016, , .		114
78	Anodes for Li-Ion Batteries. , 2016, , 323-429.		1
79	Fluoro-polyanionic Compounds. , 2016, , 269-293.		1
80	Lithium Batteries. , 2016, , 29-68.		27
81	Smart materials for energy storage in Li-ion batteries. AIMS Materials Science, 2016, 3, 137-148.	1.4	7
82	Composite anodes for lithium-ion batteries: status and trends. AIMS Materials Science, 2016, 3, 1054-1106.	1.4	30
83	Basic Elements for Energy Storage and Conversion. , 2016, , 1-27.		1
84	Nanoscience Supporting the Research on the Negative Electrodes of Li-Ion Batteries. Nanomaterials, 2015, 5, 2279-2301.	4.1	17
85	Fluorosulfates and Fluorophosphates As New Cathode Materials for Lithium Ion Battery. , 2015, , 77-101.		3
86	Olivine-Based Cathode Materials. Green Energy and Technology, 2015, , 25-65.	0.6	14
87	High Substitution Rate in TiO₂ Anatase Nanoparticles with Cationic Vacancies for Fast Lithium Storage. Chemistry of Materials, 2015, 27, 5014-5019.	6.7	77
88	Electrodeposition of Polypyrrole on CFx Powders Used as Cathode in Primary Lithium Battery. , 2015, , 237-260.		1
89	Rechargeable lithium batteries for energy storage in smart grids. , 2015, , 319-351.		11
90	Synthesis, characterization and electrochemical performance of Al-substituted Li2MnO3. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 201, 13-22.	3.5	19

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91	In-situ Raman spectroscopic investigation of LiMn1.45Ni0.45M0.1O4 (MÂ=ÂCr, Co) 5ÂV cathode materials. Journal of Power Sources, 2015, 298, 341-348.	7.8	27
92	Phase Transitions in Li2MnO3 Electrodes at Various States-of-Charge. Electrochimica Acta, 2014, 123, 395-404.	5.2	54
93	Stirring effect in hydrothermal synthesis of nano C-LiFePO4. Journal of Power Sources, 2014, 266, 99-106.	7.8	52
94	Surface modification of positive electrode materials for lithium-ion batteries. Thin Solid Films, 2014, 572, 200-207.	1.8	14
95	In situ Scanning electron microscope study and microstructural evolution of nano silicon anode for high energy Li-ion batteries. Journal of Power Sources, 2014, 248, 457-464.	7.8	76
96	Improvement of the rate property of LiMn1.45Ni0.45Cr0.1O4 cathode for Li-ion batteries. Electrochemistry Communications, 2014, 41, 64-67.	4.7	8
97	Electrochemical and thermal characterization of lithium titanate spinel anode in Câ€“LiFePO4//Câ€“Li4Ti5O12 cells at sub-zero temperatures. Journal of Power Sources, 2014, 248, 1050-1057.	7.8	50
98	Comparative studies of the phase evolution in M-doped LixMn1.5Ni0.5O4 (MÂ=ÂCo, Al, Cu and Mg) by in-situ X-ray diffraction. Journal of Power Sources, 2014, 264, 290-298.	7.8	42
99	Comparative Issues of Cathode Materials for Li-Ion Batteries. Inorganics, 2014, 2, 132-154.	2.7	373
100	RF-sputtered LiCoO2 thick films: microstructure and electrochemical performance as cathodes in aqueous and nonaqueous microbatteries. Ionics, 2013, 19, 421-428.	2.4	15
101	Study of the nanosized Li2MnO3: Electrochemical behavior, structure, magnetic properties, and vibrational modes. Electrochimica Acta, 2013, 97, 259-270.	5.2	89
102	In-situ X-ray diffraction study of the phase evolution in undoped and Cr-doped LixMn1.5Ni0.5O4 (0.1Ââ‰ÂxÂâ‰Â1.0) 5-V cathode materials. Journal of Power Sources, 2013, 242, 236-243.	7.8	24
103	Review and analysis of nanostructured olivine-based lithium recheargeable batteries: Status and trends. Journal of Power Sources, 2013, 232, 357-369.	7.8	173
104	Advanced Electrodes for High Power Li-ion Batteries. Materials, 2013, 6, 1028-1049.	2.9	115
105	Polypyrrole-covered MnO2 as electrode material for supercapacitor. Journal of Power Sources, 2013, 240, 267-272.	7.8	126
106	Synthesis, structural, magnetic and electrochemical properties of LiNi1/3Mn1/3Co1/3O2 prepared by a solâ€“gel method using table sugar as chelating agent. Electrochimica Acta, 2013, 113, 313-321.	5.2	51
107	MnO2 Nano-Rods Prepared by Redox Reaction as Cathodes in Lithium Batteries. ECS Transactions, 2013, 50, 125-130.	0.5	15
108	Magnetic properties of LixNiyMnyCo1â^'2yO2 (0.2â‰1â^'2yâ‰0.5, 0â‰xâ‰1). Journal of Alloys and Compounds, 2012, 520, 42-51.	3.5	21

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109	Study of the local structure of LiNi0.33+Î´Mn0.33+Î´Co0.33â^'2Î´O2 (0.025â‰¤Î´â‰¤0.075) oxides. Journal of Alloys and Compounds, 2012, 528, 91-98.	5.5	35
110	Enhanced thermal safety and high power performance of carbon-coated LiFePO4 olivine cathode for Li-ion batteries. Journal of Power Sources, 2012, 219, 36-44.	7.8	98
111	An improved high-power battery with increased thermal operating range: Câ€“LiFePO4//Câ€“Li4Ti5O12. Journal of Power Sources, 2012, 216, 192-200.	7.8	96
112	Crystallinity of nano C-LiFePO4 prepared by the polyol process. Journal of Power Sources, 2012, 217, 220-228.	7.8	29
113	Synthesis of pure phase disordered LiMn1.45Cr0.1Ni0.45O4 by a post-annealing method. Journal of Power Sources, 2012, 217, 400-406.	7.8	67
114	Electrochemical properties of nanofibers Î±-MoO3 as cathode materials for Li batteries. Journal of Power Sources, 2012, 219, 126-132.	7.8	65
115	Enhanced Electrochemical Properties of LiFePO₄ as Positive Electrode of Li-Ion Batteries for HEV Application. Advances in Chemical Engineering and Science, 2012, 02, 321-329.	0.5	34
116	Structural and electronic properties of the LiNiPO4 orthophosphate. Ionics, 2012, 18, 625-633.	2.4	44
117	Magnetic properties of LiNi0.5Mn0.47Al0.03O2 as positive electrode for Li-ion batteries. Ionics, 2012, 18, 241-247.	2.4	3
118	Structural properties and electrochemistry of Î±-LiFeO2. Journal of Power Sources, 2012, 197, 285-291.	7.8	44
119	SnO2â€“MnO2 composite powders and their electrochemical properties. Journal of Power Sources, 2012, 202, 291-298.	7.8	26
120	Effect of nano LiFePO4 coating on LiMn1.5Ni0.5O4 5V cathode for lithium ion batteries. Journal of Power Sources, 2012, 204, 127-132.	7.8	83
121	Structural and electrochemical properties of LiMoO2. Journal of Power Sources, 2012, 202, 314-321.	7.8	24
122	New advanced cathode material: LiMnPO4 encapsulated with LiFePO4. Journal of Power Sources, 2012, 204, 177-181.	7.8	58
123	Structure and electrochemistry of scaling nano Câ€“LiFePO4 synthesized by hydrothermal route: Complexing agent effect. Journal of Power Sources, 2012, 214, 1-6.	7.8	47
124	Structural and electrochemical properties of LiNi1/3Co1/3Mn1/3O2 material prepared by a two-step synthesis via oxalate precursor. Ionics, 2012, 18, 1-9.	2.4	14
125	LiCo_{1â^'y}B_yO₂ As Cathode Materials for Rechargeable Lithium Batteries. Chemistry of Materials, 2011, 23, 208-218.	6.7	28
126	Improvement of the electrochemical performance of nanosized Î±-MnO2 used as cathode material for Li-batteries by Sn-doping. Journal of Alloys and Compounds, 2011, 509, 9669-9674.	5.5	63

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127	New composite cathode material for Zn//MnO2 cells obtained by electro-deposition of polybithiophene on manganese dioxide particles. Solid State Ionics, 2011, 204-205, 53-60.	2.7	16
128	Electrodeposition of Zr on graphite in molten fluorides. Journal of Fluorine Chemistry, 2011, 132, 1122-1126.	1.7	24
129	Study of the surface modification of LiNi1/3Co1/3Mn1/3O2 cathode material for lithium ion battery. Journal of Power Sources, 2011, 196, 8632-8637.	7.8	125
130	Characterization of Na-based phosphate as electrode materials for electrochemical cells. Journal of Power Sources, 2011, 196, 9612-9617.	7.8	193
131	Synthesis, structure, magnetic, electrical and electrochemical properties of Al, Cu and Mg doped MnO2. Materials Chemistry and Physics, 2011, 130, 33-38.	4.0	53
132	Improvements of the electrochemical features of graphite fluorides in primary lithium battery by electrodeposition of polypyrrole. Electrochemistry Communications, 2011, 13, 1074-1076.	4.7	71
133	Safe and fast-charging Li-ion battery with long shelf life for power applications. Journal of Power Sources, 2011, 196, 3949-3954.	7.8	298
134	Aging of LiNi1/3Mn1/3Co1/3O2 cathode material upon exposure to H2O. Journal of Power Sources, 2011, 196, 5102-5108.	7.8	78
135	Magnetic analysis of lamellar oxides for Li-ions batteries. Solid State Ionics, 2011, 188, 148-155.	2.7	15
136	Preparation and characterization of polybithiophene/Î²-MnO2 composite electrode for oxygen reduction. Ionics, 2011, 17, 239-246.	2.4	15
137	Study of Coâ€“Sn and Niâ€“Sn alloys prepared in molten chlorides and used as negative electrode in rechargeable lithium battery. Electrochimica Acta, 2011, 56, 2656-2664.	5.2	34
138	De-intercalation of LixCo0.8Mn0.2O2: A magnetic approach. Journal of Power Sources, 2011, 196, 6440-6448.	7.8	28
139	In situ high-resolution transmission electron microscopy synthesis observation of nanostructured carbon coated LiFePO4. Journal of Power Sources, 2011, 196, 7383-7394.	7.8	52
140	Nanosized silver-coated and doped manganese dioxide for rechargeable lithium batteries. Solid State Ionics, 2011, 182, 108-115.	2.7	36
141	LiNi0.33+Î´Mn0.33+Î´Co0.33-2Î´O2 (0.025 â‰¤ Î´ â‰¤ 0.075) Cathode Materials for Li-Ion Batteries: Electrochemical Features. ECS Transactions, 2011, 35, 135-139.	0.5	2
142	Diffusion of Li⁺ Ions in LiNi_{1/3}Mn_{1/3}Co_{1/3}O₂. ECS Transactions, 2011, 35, 89-94.	0.5	7
143	LiNi0.33+Î´Mn0.33+Î´Co0.33-2Î´O2 (0.025 â‰¤ Î´ â‰¤ 0.075) Cathode Materials for Li-Ion Batteries: Local Structure. ECS Transactions, 2011, 35, 129-134.	0.5	1
144	Minimization of the cation mixing in Li1+x(NMC)1â^'xO2 as cathode material. Journal of Power Sources, 2010, 195, 1292-1301.	7.8	337

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145	LiFePO4: From molten ingot to nanoparticles with high-rate performance in Li-ion batteries. Journal of Power Sources, 2010, 195, 8280-8288.	7.8	56
146	Synthesis and characterization of LiNi1/3Mn1/3Co1/3O2 by wet-chemical method. Electrochimica Acta, 2010, 55, 6440-6449.	5.2	126
147	Synthesis, characterization and electrochemical properties of a novel triphosphate LiFe2P3O10. Electrochimica Acta, 2009, 54, 5500-5508.	5.2	5
148	Novel nanomaterials based on electronic and mixed conductive glasses. Solid State Ionics, 2009, 180, 531-536.	2.7	24
149	Study of the Li-insertion/extraction process in LiFePO4/FePO4. Journal of Power Sources, 2009, 187, 555-564.	7.8	229
150	Structural and magnetic properties of Lix(MnyFe1â^'y)PO4 electrode materials for Li-ion batteries. Journal of Power Sources, 2009, 189, 1154-1163.	7.8	73
151	Magnetic characterization of spinel. Journal of Physics and Chemistry of Solids, 2008, 69, 955-966.	4.0	21
152	Local structure and electrochemistry of LiNi y Mn y Co1â€‰â^'â€‰2y O2 electrode materials for Li-ion batteries. Ionics, 2008, 14, 89-97.	2.4	18
153	Aging of LiFePO4 upon exposure to H2O. Journal of Power Sources, 2008, 185, 698-710.	7.8	110
154	DTA, FTIR and impedance spectroscopy studies on lithiumâ€“ironâ€“phosphate glasses with olivine-like local structure. Solid State Ionics, 2008, 179, 46-50.	2.7	42
155	Disorder in LixFePO4: From glasses to nanocrystallites. Journal of Non-Crystalline Solids, 2008, 354, 1915-1925.	3.1	29
156	Relaxation of polaronic charge carriers in lithium manganese spinels. Journal of Non-Crystalline Solids, 2007, 353, 4384-4389.	3.1	2
157	Structural, magnetic and electrochemical properties of LiNi0.5Mn0.5O2 as positive electrode for Li-ion batteries. Electrochimica Acta, 2007, 52, 4092-4100.	5.2	56
158	Magnetic properties of LiNi0.5Mn1.5O4 spinels prepared by wet chemical methods. Journal of Magnetism and Magnetic Materials, 2007, 309, 100-105.	2.3	63
159	Chemical and electrochemical properties of molybdenum oxide thin films prepared by reactive pulsed-laser assisted deposition. Chemical Physics Letters, 2006, 428, 114-118.	2.6	78
160	Nano-sized impurity phases in relation to the mode of preparation of LiFePO4. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 129, 232-244.	3.5	114
161	Structure of LiFe2P3O10 studied by transmission electron microscopy. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 135, 78-81.	3.5	4
162	Synthesis, structural and electrochemical properties of pulsed laser deposited Li(Ni,Co)O2 films. Journal of Power Sources, 2006, 159, 1310-1315.	7.8	21

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163	Lithiated manganese oxide Li0.33MnO2 as an electrode material for lithium batteries. Journal of Power Sources, 2006, 159, 1365-1369.	7.8	16
164	Optimized electrochemical performance of LiFePO4 at 60Â°C with purity controlled by SQUID magnetometry. Journal of Power Sources, 2006, 163, 560-566.	7.8	109
165	LiMn2â^'yCoyO4 (0â‰¤yâ‰¤1) intercalation compounds synthesized from wet-chemical route. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 129, 64-75.	3.5	35
166	Amorphousâ€“crystalline transition studied in hydrated MoO3. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 135, 88-94.	3.5	40
167	Local structure of lithiated manganese oxides. Solid State Ionics, 2006, 177, 11-19.	2.7	59
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169	LiCo1â^'yMyO2 positive electrodes for rechargeable lithium batteries. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 128, 138-150.	3.5	10
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