

# Christian M Julien

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180  
papers

8,472  
citations

54  
h-index

86  
g-index

189  
ext. papers

9,720  
ext. citations

5.9  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
180	Dynamic synthesis of CdTe NRs: Diameter dependent tuning of PL quenching efficiency for sensitive organic vapor detection. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 901, 163663	5.7	1
179	Effect of Na Doping on the Electrochemical Performance of Li <sub>1.2</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> Mn <sub>0.54</sub> O <sub>2</sub> Cathode for Lithium-Ion Batteries. <i>Sustainable Chemistry</i> , <b>2022</b> , 3, 131-148	3.6	0
178	Remedies to Avoid Failure Mechanisms of Lithium-Metal Anode in Li-Ion Batteries. <i>Inorganics</i> , <b>2022</b> , 10, 5	2.9	0
177	Sonochemically synthesized nanostructured ternary electrode material for coin-cell-type supercapacitor applications. <i>FlatChem</i> , <b>2021</b> , 30, 100304	5.1	1
176	Enhanced Electrochemical Performance of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> by Niobium Doping for Pseudocapacitive Applications. <i>Micro</i> , <b>2021</b> , 1, 28-42		2
175	Polymer-in-ceramic based poly(ε-caprolactone)/ceramic composite electrolyte for all-solid-state batteries. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 52, 318-325	12	13
174	Tribute to John B. Goodenough: From Magnetism to Rechargeable Batteries. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2000773	21.8	6
173	Structural and Electrochemical Properties of the High Ni Content Spinel LiNiMnO <sub>4</sub> . <i>Electrochem</i> , <b>2021</b> , 2, 95-117	2.9	1
172	RF Sputter-Deposited Nanostructured CuO Films for Micro-Supercapacitors. <i>Applied Nano</i> , <b>2021</b> , 2, 46-66		6
171	Recent trends in silicon/graphene nanocomposite anodes for lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2021</b> , 501, 229709	8.9	9
170	Growth, characterization and performance of bulk and nanoengineered molybdenum oxides for electrochemical energy storage and conversion. <i>Progress in Crystal Growth and Characterization of Materials</i> , <b>2021</b> , 67, 100533	3.5	3
169	Interface Kinetics Assisted Barrier Removal in Large Area 2D-WS Growth to Facilitate Mass Scale Device Production. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	1
168	Ag-Modified LiMn <sub>2</sub> O <sub>4</sub> Cathode for Lithium-Ion Batteries: Coating Functionalization. <i>Energies</i> , <b>2020</b> , 13, 5194	3.1	4
167	A polypyrrole/black-TiO <sub>2</sub> /S double-shelled composite fixing polysulfides for lithium-sulfur batteries. <i>Electrochimica Acta</i> , <b>2020</b> , 353, 136529	6.7	19
166	Synthesis of High Surface Area KMnO Nanoneedles Using Extract of Broccoli as Bioactive Reducing Agent and Application in Lithium Battery. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
165	Lithium-Rich Cobalt-Free Manganese-Based Layered Cathode Materials for Li-Ion Batteries: Suppressing the Voltage Fading. <i>Energies</i> , <b>2020</b> , 13, 3487	3.1	7
164	Improved ion-diffusion assisted uniform growth of 1D CdS nanostructures for enhanced optical and energy storage properties. <i>Applied Surface Science</i> , <b>2020</b> , 512, 145654	6.7	8

163	Brief History of Early Lithium-Battery Development. <i>Materials</i> , <b>2020</b> , 13,	3.5	93
162	Molybdenum-Suboxide Thin Films as Anode Layers in Planar Lithium Microbatteries. <i>Electrochem</i> , <b>2020</b> , 1, 160-187	2.9	3
161	TiO <sub>2</sub> thin films on Au/Ti/SiO <sub>2</sub> /textured Si substrates as high capacity anode materials for Li-ion batteries. <i>Ceramics International</i> , <b>2020</b> , 46, 10299-10308	5.1	7
160	Tribute to Michel Armand: from Rocking Chair Li-ion to Solid-State Lithium Batteries. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 070507	3.9	45
159	From Solid-Solution Electrodes and the Rocking-Chair Concept to Today's Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 542-546	3.6	12
158	From Solid-Solution Electrodes and the Rocking-Chair Concept to Today's Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 534-538	16.4	76
157	NCA, NCM811, and the Route to Ni-Richer Lithium-Ion Batteries. <i>Energies</i> , <b>2020</b> , 13, 6363	3.1	21
156	State-of-the-Art Electrode Materials for Sodium-Ion Batteries. <i>Materials</i> , <b>2020</b> , 13,	3.5	19
155	Effects of chelators on the structure and electrochemical properties of Li-rich Li <sub>1.2</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> Mn <sub>0.54</sub> O <sub>2</sub> cathode materials. <i>Journal of Solid State Electrochemistry</i> , <b>2020</b> , 24, 3157-3172	2.6	5
154	Sulfide and Oxide Inorganic Solid Electrolytes for All-Solid-State Li Batteries: A Review. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	72
153	Nanostructured Graphene Oxide-Based Hybrids as Anodes for Lithium-Ion Batteries. <i>Journal of Carbon Research</i> , <b>2020</b> , 6, 81	3.3	4
152	Pseudocapacitance controlled fast-charging and long-life lithium ion battery achieved via a 3D mutually embedded VPO <sub>4</sub> /rGO electrode. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 812, 152135	5.7	11
151	Modulating molecular orbital energy level of lithium polysulfide for high-rate and long-life lithium-sulfur batteries. <i>Energy Storage Materials</i> , <b>2020</b> , 24, 373-378	19.4	17
150	O Adsorption Associated with Sulfur Vacancies on MoS Microspheres. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 2169-2176	2.5	25
149	Sputtered LiCoO Cathode Materials for All-solid-state Thin-film Lithium Microbatteries. <i>Materials</i> , <b>2019</b> , 12,	3.5	23
148	Doped Nanoscale NMC333 as Cathode Materials for Li-Ion Batteries. <i>Materials</i> , <b>2019</b> , 12,	3.5	11
147	Pulsed Laser Deposited Films for Microbatteries. <i>Coatings</i> , <b>2019</b> , 9, 386	2.9	31
146	Recent Progress on Organic Electrodes Materials for Rechargeable Batteries and Supercapacitors. <i>Materials</i> , <b>2019</b> , 12,	3.5	67

145	Synthesis and interface stability of polystyrene-poly(ethylene glycol)-polystyrene triblock copolymer as solid-state electrolyte for lithium-metal batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 428, 93-104	8.9	36
144	Cross-linking network based on Poly(ethylene oxide): Solid polymer electrolyte for room temperature lithium battery. <i>Journal of Power Sources</i> , <b>2019</b> , 420, 63-72	8.9	98
143	Synthesis of highly reproducible CdTe nanotubes on anodized alumina template and confinement study by photoluminescence and Raman spectroscopy. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 809, 1517-1525	5.7	11
142	LiTiO/Ni foam composite as high-performance electrode for energy storage and conversion. <i>Heliyon</i> , <b>2019</b> , 5, e02060	3.6	9
141	Transport Properties of Nanostructured Li <sub>2</sub> TiO <sub>3</sub> Anode Material Synthesized by Hydrothermal Method. <i>Sci</i> , <b>2019</b> , 1, 56	0.7	5
140	Functional behavior of AlF <sub>3</sub> coatings for high-performance cathode materials for lithium-ion batteries. <i>AIMS Materials Science</i> , <b>2019</b> , 6, 406-440	1.9	15
139	Amorphous MoO-Type/Carbon Nanocomposite with Enhanced Electrochemical Capability for Lithium-Ion Batteries. <i>Nanomaterials</i> , <b>2019</b> , 10,	5.4	3
138	Constructing metal-free and cost-effective multifunctional separator for high-performance lithium-sulfur batteries. <i>Nano Energy</i> , <b>2019</b> , 59, 390-398	17.1	71
137	Building Better Batteries in the Solid State: A Review. <i>Materials</i> , <b>2019</b> , 12,	3.5	95
136	Improved electrochemical performance of LiNi <sub>0.5</sub> Mn <sub>0.5</sub> O <sub>2</sub> by Li-enrichment and AlF <sub>3</sub> coating. <i>Materialia</i> , <b>2019</b> , 5, 100207	3.2	13
135	Electrochemical performance of nanosized MnO <sub>2</sub> synthesized by redox route using biological reducing agents. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 746, 227-237	5.7	16
134	V-insertion in Li(Fe,Mn)FePO <sub>4</sub> . <i>Journal of Power Sources</i> , <b>2018</b> , 383, 133-143	8.9	6
133	Role of perfluoropolyether-based electrolytes in lithium metal batteries: Implication for suppressed Al current collector corrosion and the stability of Li metal/electrolytes interfaces. <i>Journal of Power Sources</i> , <b>2018</b> , 380, 115-125	8.9	22
132	Self-assembled layer-by-layer partially reduced graphene oxide-sulfur composites as lithium-sulfur battery cathodes.. <i>RSC Advances</i> , <b>2018</b> , 8, 3443-3452	3.7	11
131	Anatase TiO <sub>2</sub> nanoparticles for lithium-ion batteries. <i>Ionics</i> , <b>2018</b> , 24, 2925-2934	2.7	38
130	Green synthesis of nanosized manganese dioxide as positive electrode for lithium-ion batteries using lemon juice and citrus peel. <i>Electrochimica Acta</i> , <b>2018</b> , 262, 74-81	6.7	23
129	Olivine Positive Electrodes for Li-Ion Batteries: Status and Perspectives. <i>Batteries</i> , <b>2018</b> , 4, 39	5.7	20
128	Li <sub>2</sub> TiO <sub>3</sub> /Graphene and Li <sub>2</sub> TiO <sub>3</sub> /CNT Composites as Anodes for High Power Li/In Batteries. <i>ChemistrySelect</i> , <b>2018</b> , 3, 9150-9158	1.8	13

127	V2O5 thin films for energy storage and conversion. <i>AIMS Materials Science</i> , <b>2018</b> , 5, 349-401	1.9	28
126	In situ Raman analyses of electrode materials for Li-ion batteries. <i>AIMS Materials Science</i> , <b>2018</b> , 5, 650-698	9	37
125	EDTA as chelating agent for sol-gel synthesis of spinel LiMn2O4 cathode material for lithium batteries. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 737, 758-766	5.7	30
124	A comprehensive review of lithium salts and beyond for rechargeable batteries: Progress and perspectives. <i>Materials Science and Engineering Reports</i> , <b>2018</b> , 134, 1-21	30.9	95
123	Challenges and issues facing lithium metal for solid-state rechargeable batteries. <i>Journal of Power Sources</i> , <b>2017</b> , 353, 333-342	8.9	218
122	Studies of Spinel-to-Layered Structural Transformations in LiMn2O4 Electrodes Charged to High Voltages. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 9120-9130	3.8	18
121	Li(Ni,Co)PO4 as cathode materials for lithium batteries: Will the dream come true?. <i>Current Opinion in Electrochemistry</i> , <b>2017</b> , 6, 63-69	7.2	23
120	Advances in lithium-sulfur batteries. <i>Materials Science and Engineering Reports</i> , <b>2017</b> , 121, 1-29	30.9	77
119	Nano-CoF <sub>3</sub> prepared by direct fluorination with F <sub>2</sub> gas: Application as electrode material in Li-ion battery. <i>Journal of Fluorine Chemistry</i> , <b>2017</b> , 196, 117-127	2.1	15
118	Nanotechnology of Positive Electrodes for Li-Ion Batteries. <i>Inorganics</i> , <b>2017</b> , 5, 25	2.9	10
117	Study of Cathode Materials for Lithium-Ion Batteries: Recent Progress and New Challenges. <i>Inorganics</i> , <b>2017</b> , 5, 32	2.9	54
116	Nanostructured MnO <sub>2</sub> s Electrode Materials for Energy Storage. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	128
115	Fluoro-polyanionic Compounds <b>2016</b> , 269-293		1
114	Lithium Batteries <b>2016</b> , 29-68		16
113	Urchin-like MnO <sub>2</sub> formed by nanoneedles for high-performance lithium batteries. <i>Ionics</i> , <b>2016</b> , 22, 2263-2271	2.7	22
112	Blend formed by oxygen deficient MoO <sub>3</sub> oxides as lithium-insertion compounds. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 686, 744-752	5.7	15
111	Influence of Ti and Zr dopants on the electrochemical performance of LiCoO <sub>2</sub> film cathodes prepared by rf-magnetron sputtering. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2016</b> , 209, 30-36	3.1	13
110	Electro-synthesis, characterization and photoconducting performance of ITO/polybithiophene-MnO <sub>2</sub> composite. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2016</b> , 208, 29-38	3.1	4

109	Lithium Batteries <b>2016</b> ,		76
108	Anodes for Li-Ion Batteries <b>2016</b> , 323-429		
107	Smart materials for energy storage in Li-ion batteries. <i>AIMS Materials Science</i> , <b>2016</b> , 3, 137-148	1.9	4
106	Composite anodes for lithium-ion batteries: status and trends. <i>AIMS Materials Science</i> , <b>2016</b> , 3, 1054-1106.	6.9	20
105	Basic Elements for Energy Storage and Conversion <b>2016</b> , 1-27		
104	Optimization of Layered Cathode Materials for Lithium-Ion Batteries. <i>Materials</i> , <b>2016</b> , 9,	3.5	65
103	Olivine-Based Blended Compounds as Positive Electrodes for Lithium Batteries. <i>Inorganics</i> , <b>2016</b> , 4, 17	2.9	10
102	Structural properties and application in lithium cells of $\text{Li}(\text{Ni}_{0.5}\text{Co}_{0.5})_{1-x}\text{Fe}_x\text{O}_2$ ( $0 \leq x \leq 0.25$ ) prepared by sol-gel route: Doping optimization. <i>Journal of Power Sources</i> , <b>2016</b> , 320, 168-179	8.9	13
101	In operando scanning electron microscopy and ultraviolet-visible spectroscopy studies of lithium/sulfur cells using all solid-state polymer electrolyte. <i>Journal of Power Sources</i> , <b>2016</b> , 319, 247-254	8.9	92
100	Olivine-Based Cathode Materials. <i>Green Energy and Technology</i> , <b>2015</b> , 25-65	0.6	9
99	High Substitution Rate in $\text{TiO}_2$ Anatase Nanoparticles with Cationic Vacancies for Fast Lithium Storage. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 5014-5019	9.6	66
98	Electrodeposition of Polypyrrole on C <sub>60</sub> Powders Used as Cathode in Primary Lithium Battery <b>2015</b> , 237-260		
97	Rechargeable lithium batteries for energy storage in smart grids <b>2015</b> , 319-351		8
96	Synthesis, characterization and electrochemical performance of Al-substituted $\text{Li}_2\text{MnO}_3$ . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2015</b> , 201, 13-22	3.1	16
95	In-situ Raman spectroscopic investigation of $\text{LiMn}_{1.45}\text{Ni}_{0.45}\text{M}_{0.1}\text{O}_4$ (M = Cr, Co) 5 V cathode materials. <i>Journal of Power Sources</i> , <b>2015</b> , 298, 341-348	8.9	19
94	Nanoscience Supporting the Research on the Negative Electrodes of Li-Ion Batteries. <i>Nanomaterials</i> , <b>2015</b> , 5, 2279-2301	5.4	16
93	Flurosulfates and Fluorophosphates As New Cathode Materials for Lithium Ion Battery <b>2015</b> , 77-101		1
92	Stirring effect in hydrothermal synthesis of nano C-LiFePO <sub>4</sub> . <i>Journal of Power Sources</i> , <b>2014</b> , 266, 99-106.	6.9	36

91	Surface modification of positive electrode materials for lithium-ion batteries. <i>Thin Solid Films</i> , <b>2014</b> , 572, 200-207	2.2	13
90	In situ Scanning electron microscope study and microstructural evolution of nano silicon anode for high energy Li-ion batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 248, 457-464	8.9	63
89	Improvement of the rate property of LiMn <sub>1.45</sub> Ni <sub>0.45</sub> Cr <sub>0.10</sub> O <sub>4</sub> cathode for Li-ion batteries. <i>Electrochemistry Communications</i> , <b>2014</b> , 41, 64-67	5.1	6
88	Electrochemical and thermal characterization of lithium titanate spinel anode in C <sub>4</sub> LiFePO <sub>4</sub> //C <sub>4</sub> Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> cells at sub-zero temperatures. <i>Journal of Power Sources</i> , <b>2014</b> , 248, 1050-1057	8.9	46
87	Comparative studies of the phase evolution in M-doped Li <sub>x</sub> Mn <sub>1.5</sub> Ni <sub>0.5</sub> O <sub>4</sub> (M = Co, Al, Cu and Mg) by in-situ X-ray diffraction. <i>Journal of Power Sources</i> , <b>2014</b> , 264, 290-298	8.9	37
86	Phase Transitions in Li <sub>2</sub> MnO <sub>3</sub> Electrodes at Various States-of-Charge. <i>Electrochimica Acta</i> , <b>2014</b> , 123, 395-404	6.7	43
85	Comparative Issues of Cathode Materials for Li-Ion Batteries. <i>Inorganics</i> , <b>2014</b> , 2, 132-154	2.9	277
84	RF-sputtered LiCoO <sub>2</sub> thick films: microstructure and electrochemical performance as cathodes in aqueous and nonaqueous microbatteries. <i>Ionics</i> , <b>2013</b> , 19, 421-428	2.7	15
83	Study of the nanosized Li <sub>2</sub> MnO <sub>3</sub> : Electrochemical behavior, structure, magnetic properties, and vibrational modes. <i>Electrochimica Acta</i> , <b>2013</b> , 97, 259-270	6.7	75
82	In-situ X-ray diffraction study of the phase evolution in undoped and Cr-doped Li <sub>x</sub> Mn <sub>1.5</sub> Ni <sub>0.5</sub> O <sub>4</sub> (0.1 ≤ x ≤ 1.0) 5-V cathode materials. <i>Journal of Power Sources</i> , <b>2013</b> , 242, 236-243	8.9	19
81	Review and analysis of nanostructured olivine-based lithium rechargeable batteries: Status and trends. <i>Journal of Power Sources</i> , <b>2013</b> , 232, 357-369	8.9	154
80	Advanced Electrodes for High Power Li-ion Batteries. <i>Materials</i> , <b>2013</b> , 6, 1028-1049	3.5	97
79	Polypyrrole-covered MnO <sub>2</sub> as electrode material for supercapacitor. <i>Journal of Power Sources</i> , <b>2013</b> , 240, 267-272	8.9	107
78	Synthesis, structural, magnetic and electrochemical properties of LiNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> prepared by a sol-gel method using table sugar as chelating agent. <i>Electrochimica Acta</i> , <b>2013</b> , 113, 313-321	6.7	45
77	MnO <sub>2</sub> Nano-Rods Prepared by Redox Reaction as Cathodes in Lithium Batteries. <i>ECS Transactions</i> , <b>2013</b> , 50, 125-130	1	13
76	Structural properties and electrochemistry of LiFeO <sub>2</sub> . <i>Journal of Power Sources</i> , <b>2012</b> , 197, 285-291	8.9	31
75	SnO <sub>2</sub> /MnO <sub>2</sub> composite powders and their electrochemical properties. <i>Journal of Power Sources</i> , <b>2012</b> , 202, 291-298	8.9	22
74	Effect of nano LiFePO <sub>4</sub> coating on LiMn <sub>1.5</sub> Ni <sub>0.5</sub> O <sub>4</sub> 5V cathode for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 204, 127-132	8.9	78

73	Structural and electrochemical properties of LiMoO <sub>2</sub> . <i>Journal of Power Sources</i> , <b>2012</b> , 202, 314-321	8.9	21
72	New advanced cathode material: LiMnPO <sub>4</sub> encapsulated with LiFePO <sub>4</sub> . <i>Journal of Power Sources</i> , <b>2012</b> , 204, 177-181	8.9	52
71	Structure and electrochemistry of scaling nano C@LiFePO <sub>4</sub> synthesized by hydrothermal route: Complexing agent effect. <i>Journal of Power Sources</i> , <b>2012</b> , 214, 1-6	8.9	41
70	Structural and electrochemical properties of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> material prepared by a two-step synthesis via oxalate precursor. <i>Ionics</i> , <b>2012</b> , 18, 1-9	2.7	12
69	Magnetic properties of Li <sub>x</sub> Ni <sub>y</sub> Mn <sub>z</sub> Co <sub>1-x-y-z</sub> O <sub>2</sub> (0.2 ≤ x ≤ 0.5, 0 ≤ y ≤ 0.5). <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 520, 42-51	5.7	18
68	Study of the local structure of LiNi <sub>0.33</sub> +Mn <sub>0.33</sub> +Co <sub>0.33</sub> O <sub>2</sub> (0.025 ≤ x ≤ 0.075) oxides. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 528, 91-98	5.7	30
67	Enhanced thermal safety and high power performance of carbon-coated LiFePO <sub>4</sub> olivine cathode for Li-ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 219, 36-44	8.9	72
66	An improved high-power battery with increased thermal operating range: C@LiFePO <sub>4</sub> //C@Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> . <i>Journal of Power Sources</i> , <b>2012</b> , 216, 192-200	8.9	93
65	Crystallinity of nano C-LiFePO <sub>4</sub> prepared by the polyol process. <i>Journal of Power Sources</i> , <b>2012</b> , 217, 220-228	8.9	26
64	Synthesis of pure phase disordered LiMn <sub>1.45</sub> Cr <sub>0.1</sub> Ni <sub>0.45</sub> O <sub>4</sub> by a post-annealing method. <i>Journal of Power Sources</i> , <b>2012</b> , 217, 400-406	8.9	55
63	Electrochemical properties of nanofibers @MoO <sub>3</sub> as cathode materials for Li batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 219, 126-132	8.9	54
62	Enhanced Electrochemical Properties of LiFePO <sub>4</sub> as Positive Electrode of Li-Ion Batteries for HEV Application. <i>Advances in Chemical Engineering and Science</i> , <b>2012</b> , 02, 321-329	0.4	29
61	Structural and electronic properties of the LiNiPO <sub>4</sub> orthophosphate. <i>Ionics</i> , <b>2012</b> , 18, 625-633	2.7	39
60	Magnetic properties of LiNi <sub>0.5</sub> Mn <sub>0.47</sub> Al <sub>0.03</sub> O <sub>2</sub> as positive electrode for Li-ion batteries. <i>Ionics</i> , <b>2012</b> , 18, 241-247	2.7	2
59	Improvement of the electrochemical performance of nanosized @MnO <sub>2</sub> used as cathode material for Li-batteries by Sn-doping. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 9669-9674	5.7	56
58	New composite cathode material for Zn//MnO <sub>2</sub> cells obtained by electro-deposition of polybithiophene on manganese dioxide particles. <i>Solid State Ionics</i> , <b>2011</b> , 204-205, 53-60	3.3	14
57	Electrodeposition of Zr on graphite in molten fluorides. <i>Journal of Fluorine Chemistry</i> , <b>2011</b> , 132, 1122-1126	1.2	21
56	Study of the surface modification of LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode material for lithium ion battery. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 8632-8637	8.9	114



55	Characterization of Na-based phosphate as electrode materials for electrochemical cells. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 9612-9617	8.9	165
54	Synthesis, structure, magnetic, electrical and electrochemical properties of Al, Cu and Mg doped MnO <sub>2</sub> . <i>Materials Chemistry and Physics</i> , <b>2011</b> , 130, 33-38	4.4	42
53	Improvements of the electrochemical features of graphite fluorides in primary lithium battery by electrodeposition of polypyrrole. <i>Electrochemistry Communications</i> , <b>2011</b> , 13, 1074-1076	5.1	41
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51	Aging of LiNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> cathode material upon exposure to H <sub>2</sub> O. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 5102-5108	8.9	67
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