List of Publications by Year in descending order

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Ιοςà Ο Ι Τιρλοο

#	Article	IF	CITATIONS
1	Exploring hybrid Mg2+/H+ reactions of C@MgMnSiO4 with boosted voltage in magnesium-ion batteries. Electrochimica Acta, 2022, 404, 139738.	5.2	10
2	Marine shrimp/tin waste as a negative electrode for rechargeable sodium-ion batteries. Journal of Cleaner Production, 2022, 359, 131994.	9.3	9
3	A dual vanadium substitution strategy for improving NASICON-type cathode materials for Na-ion batteries. Sustainable Energy and Fuels, 2021, 5, 4095-4103.	4.9	2
4	Effect of the Mn/V ratio to optimize the kinetic properties of Na3+xMnxV1-xCr(PO4)3 positive electrode for sodium-ion batteries. Electrochimica Acta, 2021, 375, 137982.	5.2	15
5	On the benefits of Cr substitution on Na4MnV(PO4)3 to improve the high voltage performance as cathode for sodium-ion batteries. Journal of Power Sources, 2021, 495, 229811.	7.8	32
6	Reversible Multi-Electron Storage Enabled by Na5V(PO4)2F2 for Rechargeable Magnesium Batteries. Energy Storage Materials, 2021, 38, 462-472.	18.0	21
7	Iron substitution in Na4VMn(PO4)3 as a strategy for improving the electrochemical performance of sodium-ion batteries. Journal of Electroanalytical Chemistry, 2021, 895, 115533.	3.8	9
8	Highly dispersed oleic-induced nanometric C@Na3V2(PO4)2F3 composites for efficient Na-ion batteries. Electrochimica Acta, 2020, 332, 135502.	5.2	29
9	Effect of chromium doping on Na3V2(PO4)2F3@C as promising positive electrode for sodium-ion batteries. Journal of Electroanalytical Chemistry, 2020, 856, 113694.	3.8	39
10	Influence of Cosurfactant on the Synthesis of Surfaceâ€Modified Na 2/3 Ni 1/3 Mn 2/3 O 2 as a Cathode for Sodiumâ€ion Batteries. ChemElectroChem, 2020, 7, 3528-3534.	3.4	5
11	Iron Oxide–Iron Sulfide Hybrid Nanosheets as High-Performance Conversion-Type Anodes for Sodium-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 10765-10775.	5.1	20
12	Inorganic solids for dual magnesium and sodium battery electrodes. Journal of Solid State Electrochemistry, 2020, 24, 2565-2573.	2.5	3
13	A theoretical and experimental study of hexagonal molybdenum trioxide as dual-ion electrode for rechargeable magnesium battery. Journal of Alloys and Compounds, 2020, 831, 154795.	5.5	14
14	Sustainable and Environmentally Friendly Na and Mg Aqueous Hybrid Batteries Using Na and K Birnessites. Molecules, 2020, 25, 924.	3.8	5
15	Waste Pd/Fish-Collagen as anode for energy storage. Renewable and Sustainable Energy Reviews, 2020, 131, 109968.	16.4	14
16	Theoretical and Experimental Study on the Electrochemical Behavior of Beta-Sodium Vanadate in Rechargeable Magnesium Batteries Using Several Electrolyte Solutions. Journal of the Electrochemical Society, 2020, 167, 070512.	2.9	9
17	Increasing Energy Density with Capacity Preservation by Aluminum Substitution in Sodium Vanadium Phosphate. ACS Applied Materials & Interfaces, 2020, 12, 21651-21660.	8.0	26

18 Carbon nanomaterials for advanced lithium and sodium-ion batteries. , 2019, , 335-355.

#	Article	IF	CITATIONS
19	Exploring the high-voltage Mg ²⁺ /Na ⁺ co-intercalation reaction of Na ₃ VCr(PO ₄) ₃ in Mg-ion batteries. Journal of Materials Chemistry A, 2019, 7, 18081-18091.	10.3	29
20	Superior electrochemical performance of TiO2 sodium-ion battery anodes in diglyme-based electrolyte solution. Journal of Power Sources, 2019, 432, 82-91.	7.8	37
21	Morphological adaptability of graphitic carbon nanofibers to enhance sodium insertion in a diglyme-based electrolyte. Dalton Transactions, 2019, 48, 5417-5424.	3.3	8
22	On the use of guanidine hydrochloride soft template in the synthesis of Na2/3Ni1/3Mn2/3O2 cathodes for sodium-ion batteries. Journal of Alloys and Compounds, 2019, 789, 1035-1045.	5.5	13
23	On the Beneficial Effect of MgCl2 as Electrolyte Additive to Improve the Electrochemical Performance of Li4Ti5O12 as Cathode in Mg Batteries. Nanomaterials, 2019, 9, 484.	4.1	8
24	CTAB-Assisted Synthesis of C@Na3V2(PO4)2F3 With Optimized Morphology for Application as Cathode Material for Na-Ion Batteries. Frontiers in Physics, 2019, 7, .	2.1	18
25	On the Effect of Silicon Substitution in Na ₃ V ₂ (PO ₄) ₃ on the Electrochemical Behavior as Cathode for Sodiumâ€lon Batteries. ChemElectroChem, 2018, 5, 367-374.	3.4	33
26	NASICON-type Na3V2(PO4)3 as a new positive electrode material forÂrechargeable aluminium battery. Electrochimica Acta, 2018, 260, 798-804.	5.2	51
27	Exploring an Aluminum Ion Battery Based on Molybdite as Working Electrode and Ionic Liquid as Electrolyte. Journal of the Electrochemical Society, 2018, 165, A2994-A2999.	2.9	27
28	On the influence of particle morphology to provide high performing chemically desodiated C@NaV2(PO4)3 as cathode for rechargeable magnesium batteries. Journal of Electroanalytical Chemistry, 2018, 827, 128-136.	3.8	16
29	Applicability of Molybdite as an Electrode Material in Calcium Batteries: A Structural Study of Layer-type Ca _{<i>x</i>} MoO ₃ . Chemistry of Materials, 2018, 30, 5853-5861.	6.7	63
30	On the Mechanism of Magnesium Storage in Micro- and Nano-Particulate Tin Battery Electrodes. Nanomaterials, 2018, 8, 501.	4.1	22
31	Sodium storage behavior of Na0.66Ni0.33Ë—xZnxMn0.67O2 (x = 0, 0.07 and 0.14) positive materials in diglyme-based electrolytes. Journal of Power Sources, 2018, 400, 317-324.	7.8	21
32	Anode materials for lithium-ion batteries. , 2018, , 43-58.		5
33	Treasure Na-ion anode from trash coke by adept electrolyte selection. Journal of Power Sources, 2017, 347, 127-135.	7.8	40
34	Induced Rate Performance Enhancement in Off‣toichiometric Na _{3+3<i>x</i>} V _{2â^'<i>x</i>} (PO ₄) ₃ with Potential Applicability as the Cathode for Sodiumâ€lon Batteries. Chemistry - A European Journal, 2017, 23, 7345-7352.	3.3	26
35	On the effect of carbon content for achieving a high performing Na3V2(PO4)3/C nanocomposite as cathode for sodium-ion batteries. Journal of Electroanalytical Chemistry, 2017, 784, 47-54.	3.8	49
36	Na3V2(PO4)3 as electrode material for rechargeable magnesium batteries: a case of sodium-magnesium hybrid battery. Electrochimica Acta, 2017, 246, 908-913.	5.2	47

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37	Improved Surface Stability of C+M _{<i>x</i>} O _{<i>y</i>} @Na ₃ V ₂ (PO ₄) _{3<!--<br-->Prepared by Ultrasonic Method as Cathode for Sodium-Ion Batteries. ACS Applied Materials & amp; Interfaces, 2017, 9, 1471-1478.}	sub> 8.0	37
38	Insight into the Electrochemical Sodium Insertion of Vanadium Superstoichiometric NASICON Phosphate. Inorganic Chemistry, 2017, 56, 11845-11853.	4.0	15
39	Nanometric P2-Na2/3Fe1/3Mn2/3O2 with controlled morphology as cathode for sodium-ion batteries. Journal of Alloys and Compounds, 2017, 724, 465-473.	5.5	37
40	Electrochemical Interaction of Few-Layer Molybdenum Disulfide Composites vs Sodium: New Insights on the Reaction Mechanism. Chemistry of Materials, 2017, 29, 5886-5895.	6.7	71
41	On the Reliability of Sodium Co-Intercalation in Expanded Graphite Prepared by Different Methods as Anodes for Sodium-Ion Batteries. Journal of the Electrochemical Society, 2017, 164, A3804-A3813.	2.9	44
42	Nanostructured TiO2 Materials for New-Generation Li-Ion Batteries. , 2017, , 171-221.		0
43	Synthesis of Porous and Mechanically Compliant Carbon Aerogels Using Conductive and Structural Additives. Gels, 2016, 2, 4.	4.5	19
44	Highâ€Performance Na3V2(PO4)3/C Cathode for Sodiumâ€ion Batteries Prepared by a Ballâ€Millingâ€Assisted Method. European Journal of Inorganic Chemistry, 2016, 2016, 3212-3218.	2.0	42
45	Influence of Solvent Evaporation Rate in the Preparation of Carbon oated Lithium Iron Phosphate Cathode Films on Battery Performance. Energy Technology, 2016, 4, 573-582.	3.8	34
46	Truly quasi-solid-state lithium cells utilizing carbonate free polymer electrolytes on engineered LiFePO4. Electrochimica Acta, 2016, 199, 172-179.	5.2	27
47	Enhanced high-rate performance of manganese substituted Na 3 V 2 (PO 4) 3 /C as cathode for sodium-ion batteries. Journal of Power Sources, 2016, 313, 73-80.	7.8	126
48	Advancing towards a veritable calcium-ion battery: CaCo2O4 positive electrode material. Electrochemistry Communications, 2016, 67, 59-64.	4.7	107
49	Mn-Containing N-Doped Monolithic Carbon Aerogels with Enhanced Macroporosity as Electrodes for Capacitive Deionization. ACS Sustainable Chemistry and Engineering, 2016, 4, 2487-2494.	6.7	32
50	On the correlation between the porous structure and the electrochemical response of powdered and monolithic carbon aerogels as electrodes for capacitive deionization. Journal of Solid State Chemistry, 2016, 242, 21-28.	2.9	14
51	Na ₃ V ₂ (PO ₄) ₃ /C Nanorods with Improved Electrode–Electrolyte Interface As Cathode Material for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 23151-23159.	8.0	92
52	Enhancing the energy density of safer Li-ion batteries by combining high-voltage lithium cobalt fluorophosphate cathodes and nanostructured titania anodes. Scientific Reports, 2016, 6, 20656.	3.3	22
53	Nanobelts of Beta-Sodium Vanadate as Electrode for Magnesium and Dual Magnesium-Sodium Batteries. Journal of the Electrochemical Society, 2016, 163, A2781-A2790.	2.9	24
54	Reversible intercalation of aluminium into vanadium pentoxide xerogel for aqueous rechargeable batteries. RSC Advances, 2016, 6, 62157-62164.	3.6	91

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55	On the use of diatomite as antishrinkage additive in the preparation of monolithic carbon aerogels. Carbon, 2016, 98, 280-284.	10.3	6
56	Exploring a Li-ion battery using surface modified titania nanotubes versus high voltage cathode nanowires. Journal of Power Sources, 2016, 303, 194-202.	7.8	16
57	<i>P</i> 3â€Type Layered Sodiumâ€Deficient Nickel–Manganese Oxides: A Flexible Structural Matrix for Reversible Sodium and Lithium Intercalation. ChemPlusChem, 2015, 80, 1642-1656.	2.8	63
58	High Performance Full Sodiumâ€ion Cell Based on a Nanostructured Transition Metal Oxide as Negative Electrode. Chemistry - A European Journal, 2015, 21, 14879-14885.	3.3	28
59	Effect of Iron Substitution in the Electrochemical Performance of Na ₃ V ₂ (PO ₄) ₃ as Cathode for Na-Ion Batteries. Journal of the Electrochemical Society, 2015, 162, A3077-A3083.	2.9	141
60	High-intensity ultrasonication as a way to prepare graphene/amorphous iron oxyhydroxide hybrid electrode with high capacity in lithium battery. Ultrasonics Sonochemistry, 2015, 24, 238-246.	8.2	12
61	N-doped monolithic carbon aerogel electrodes with optimized features for the electrosorption of ions. Carbon, 2015, 83, 262-274.	10.3	118
62	Mesoporous carbon black-aerogel composites with optimized properties for the electro-assisted removal of sodium chloride from brackish water. Journal of Electroanalytical Chemistry, 2015, 741, 42-50.	3.8	31
63	A fractal-like electrode based on double-wall nanotubes of anatase exhibiting improved electrochemical behaviour in both lithium and sodium batteries. Physical Chemistry Chemical Physics, 2015, 17, 4687-4695.	2.8	20
64	Self-Organized, Anatase, Double-Walled Nanotubes Prepared by Anodization under Voltage Ramp as Negative Electrode for Aqueous Sodium-Ion Batteries. Journal of the Electrochemical Society, 2015, 162, A3007-A3012.	2.9	12
65	LiFePO 4 particle conductive composite strategies for improving cathode rate capability. Electrochimica Acta, 2015, 163, 323-329.	5.2	65
66	Relationships between the length of self-organized titania nanotube, adsorbed solvents and its electrochemical reaction with lithium. Journal of Solid State Electrochemistry, 2015, 19, 3013-3018.	2.5	1
67	Judicious design of lithium iron phosphate electrodes using poly(3,4-ethylenedioxythiophene) for high performance batteries. Journal of Materials Chemistry A, 2015, 3, 14254-14262.	10.3	14
68	Self-assembled Li4Ti5O12/TiO2/Li3PO4 for integrated Li–ion microbatteries. Electrochemistry Communications, 2015, 56, 61-64.	4.7	12
69	On the use of carbon black loaded nitrogen-doped carbon aerogel for the electrosorption of sodium chloride from saline water. Electrochimica Acta, 2015, 170, 154-163.	5.2	30
70	Ordered mesoporous titanium oxide for thin film microbatteries with enhanced lithium storage. Electrochimica Acta, 2015, 166, 293-301.	5.2	9
71	Benefits of Chromium Substitution in Na ₃ V ₂ (PO ₄) ₃ as a Potential Candidate for Sodiumâ€lon Batteries. ChemElectroChem, 2015, 2, 995-1002.	3.4	137
72	Computational and Experimental investigation of Nalipoite-Li2APO4 (A = Na, K) electrolytes for Li-ion batteries. Materials Research Society Symposia Proceedings, 2015, 1740, 37.	0.1	0

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73	Electrochemical and chemical insertion/deinsertion of magnesium in spinel-type MgMn ₂ O ₄ and lambda-MnO ₂ for both aqueous and non-aqueous magnesium-ion batteries. CrystEngComm, 2015, 17, 8728-8735.	2.6	71
74	Effect of the degree of porosity on the performance of poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Solid State Ionics, 2015, 280, 1-9.	707 Td (fluoi 2.7	ride-trifluoroet 33
75	Self-organized sodium titanate/titania nanoforest for the negative electrode of sodium-ion microbatteries. Journal of Alloys and Compounds, 2015, 646, 816-826.	5.5	13
76	Effect of aluminum doping on carbon loaded Na3V2(PO4)3 as cathode material for sodium-ion batteries. Electrochimica Acta, 2015, 180, 824-830.	5.2	115
77	Microwave-assisted hydrothermal synthesis of magnetite nanoparticles with potential use as anode in lithium ion batteries. Materials Research, 2014, 17, 1065-1070.	1.3	12
78	Improving the Electrochemistry of Anatase for Sodium Ion Batteries by Using Self-Organized TiO2 Nanotubes Prepared by Anodization under Variable Voltage. ECS Transactions, 2014, 62, 45-56.	0.5	3
79	Effect of the resorcinol/catalyst ratio in the capacitive performance of carbon xerogels with potential use in sodium chloride removal from saline water. Journal of Solid State Electrochemistry, 2014, 18, 2847-2856.	2.5	14
80	A novel method for metal oxide deposition on carbon aerogels with potential application in capacitive deionization of saline water. Electrochimica Acta, 2014, 135, 208-216.	5.2	81
81	High reversible sodium insertion into iron substituted Na1+xTi2â^'xFex(PO4)3. Journal of Power Sources, 2014, 252, 208-213.	7.8	54
82	Improved lithium-ion transport in NASICON-type lithium titanium phosphate by calcium and iron doping. Solid State Ionics, 2014, 262, 573-577.	2.7	46
83	Self-organized amorphous titania nanotubes with deposited graphene film like a new heterostructured electrode for lithium ion batteries. Journal of Power Sources, 2014, 248, 886-893.	7.8	35
84	Microstructure of the epitaxial film of anatase nanotubes obtained at high voltage and the mechanism of its electrochemical reaction with sodium. CrystEngComm, 2014, 16, 4602-4609.	2.6	71
85	Electrochemical in battery polymerization of poly(alkylenedioxythiophene) over lithium iron phosphate for high-performance cathodes. Physical Chemistry Chemical Physics, 2014, 16, 20724-20730.	2.8	8
86	An Unnoticed Inorganic Solid Electrolyte: Dilithium Sodium Phosphate with the Nalipoite Structure. Inorganic Chemistry, 2014, 53, 2310-2316.	4.0	23
87	Improved electro-assisted removal of phosphates and nitrates using mesoporous carbon aerogels with controlled porosity. Journal of Applied Electrochemistry, 2014, 44, 963-976.	2.9	26
88	Improving the Performance of Titania Nanotube Battery Materials by Surface Modification with Lithium Phosphate. ACS Applied Materials & Interfaces, 2014, 6, 5669-5678.	8.0	28
89	Improving the cycling performance of LiFePO ₄ cathode material by poly(3,4-ethylenedioxythiopene) coating. RSC Advances, 2014, 4, 26108-26114.	3.6	33
90	Electrodeposition of copper–tin nanowires on Ti foils for rechargeable lithium micro-batteries with high energy density. Journal of Alloys and Compounds, 2014, 585, 331-336.	5.5	26

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91	Influence of composition modification on Ca0.5â^'xMgxTi2(PO4)3 (0.0â‰ ¤ â‰ 9 .5) nanoparticles as electrodes for lithium batteries. Materials Research Bulletin, 2014, 49, 566-571.	5.2	2
92	Nanoscale Tin Heterostructures for Improved Energy Storage in Lithium Batteries. ACS Symposium Series, 2013, , 1-22.	0.5	0
93	Tunable Ti ⁴⁺ /Ti ³⁺ Redox Potential in the Presence of Iron and Calcium in NASICON-Type Related Phosphates as Electrodes for Lithium Batteries. Chemistry of Materials, 2013, 25, 4025-4035.	6.7	18
94	Improved coulombic efficiency in nanocomposite thin film based on electrodeposited-oxidized FeNi-electrodes for lithium-ion batteries. Journal of Alloys and Compounds, 2013, 557, 82-90.	5.5	8
95	Electrosorption of environmental concerning anions on a highly porous carbon aerogel. Journal of Electroanalytical Chemistry, 2013, 708, 80-86.	3.8	23
96	Optimization of tin intermetallics and composite electrodes for lithium-ion batteries obtained by sonochemical synthesis. Journal of Solid State Electrochemistry, 2013, 17, 2495-2501.	2.5	11
97	Electrodeposited CoSn2 on nickel open-cell foam: advancing towards high power lithium ion and sodium ion batteries. CrystEngComm, 2013, 15, 9196.	2.6	32
98	Transition metal oxide thin films with improved reversibility as negative electrodes for sodium-ion batteries. Electrochemistry Communications, 2013, 27, 152-155.	4.7	40
99	119Sn Mössbauer spectroscopy analysis of Sn–Co–C composites prepared from a Fuel Oil Pyrolysis precursor as anodes for Li-ion batteries. Materials Chemistry and Physics, 2013, 138, 747-754.	4.0	5
100	Towards an all-solid-state battery: Preparation of conversion anodes by electrodeposition–oxidation processes. Journal of Power Sources, 2013, 244, 403-409.	7.8	7
101	Controlled Growth and Application in Lithium and Sodium Batteries of High-Aspect-Ratio, Self-Organized Titania Nanotubes. Journal of the Electrochemical Society, 2013, 160, A1390-A1398.	2.9	35
102	Structural and comparative electrochemical study of M(II) oxalates, MÂ=ÂMn, Fe, Co, Ni, Cu, Zn. Journal of Power Sources, 2013, 227, 65-71.	7.8	73
103	Improving the electrochemical performance of titanium phosphate-based electrodes in sodium batteries by lithium substitution. Journal of Materials Chemistry A, 2013, 1, 13963.	10.3	16
104	Improved Energy Storage Solution Based on Hybrid Oxide Materials. ACS Sustainable Chemistry and Engineering, 2013, 1, 46-56.	6.7	61
105	Improving the Electrochemical Properties of Self-Organized Titanium Dioxide Nanotubes in Lithium Batteries by Surface Polyacrylonitrile Electropolymerization. Journal of the Electrochemical Society, 2013, 160, A3026-A3035.	2.9	12
106	Unfolding the role of iron in Li-ion conversion electrode materials by 57Fe Mössbauer spectroscopy. , 2013, , 489-495.		0
107	A Functionalized Co ₂ P Negative Electrode for Batteries Demanding High Li-Potential Reaction. Journal of the Electrochemical Society, 2012, 159, A1253-A1261.	2.9	38
108	Preparation and Characterization of Intermetallic Nanoparticles for Lithium Ion Batteries. Journal of Nano Research, 2012, 17, 53-65.	0.8	1

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109	Novel fabrication technologies of 1D TiO _{2 nanotubes, vertical tin and iron-based nanowires for Li-ion microbatteries. International Journal of Nanotechnology, 2012, 9, 260.}	0.2	9
110	In Situ X-ray Diffraction Study of Electrochemical Insertion in Mg _{0.5} Ti ₂ (PO ₄) ₃ : An Electrode Material for Lithium or Sodium Batteries. Journal of the Electrochemical Society, 2012, 159, A1716-A1721.	2.9	18
111	Electrodeposited Polyacrylonitrile and Cobalt-Tin Composite Thin Film on Titanium Substrate. Journal of the Electrochemical Society, 2012, 159, A1028-A1033.	2.9	17
112	Lithium Storage Mechanisms and Effect of Partial Cobalt Substitution in Manganese Carbonate Electrodes. Inorganic Chemistry, 2012, 51, 5554-5560.	4.0	75
113	Long-Length Titania Nanotubes Obtained by High-Voltage Anodization and High-Intensity Ultrasonication for Superior Capacity Electrode. Journal of Physical Chemistry C, 2012, 116, 20182-20190.	3.1	39
114	New mixed transition metal oxysalts as negative electrode materials for lithium-ion batteries. Solid State Ionics, 2012, 225, 518-521.	2.7	37
115	The influence of iron substitution on the electrochemical properties of Li1+xTi2â^'xFex(PO4)3/C composites as electrodes for lithium batteries. Journal of Materials Chemistry, 2012, 22, 21602.	6.7	29
116	Unfolding the role of iron in Li-ion conversion electrode materials by 57Fe Mössbauer spectroscopy. Hyperfine Interactions, 2012, 207, 53-59.	0.5	11
117	A facile carbothermal preparation of Sn–Co–C composite electrodes for Li-ion batteries using low-cost carbons. Journal of Solid State Electrochemistry, 2012, 16, 953-962.	2.5	22
118	Chromium substitution in ion exchanged Li3Fe2(PO4)3 and the effects on the electrochemical behavior as cathodes for lithium batteries. Electrochimica Acta, 2012, 62, 124-131.	5.2	13
119	Electrochemical performance of the lithium insertion in Mn0.5â^'xCoxTi2(PO4)3/C composites (x=0,) Tj ETQq1 1	0.784314	rgBT /Overlo
120	Improving the cyclability of sodium-ion cathodes by selection of electrolyte solvent. Journal of Power Sources, 2012, 197, 314-318.	7.8	64
121	Nanocrystalline CoSn2-carbon composite electrode prepared by using sonochemistry. Ultrasonics Sonochemistry, 2012, 19, 352-357.	8.2	23
122	Electrochemical response of carbon aerogel electrodes in saline water. Journal of Electroanalytical Chemistry, 2012, 671, 92-98.	3.8	57
123	Synergistic effects of transition metal substitution in conversion electrodes for lithium-ion batteries. Journal of Materials Chemistry, 2011, 21, 10102.	6.7	66
124	"Give Energy to Your Study― Students Worldwide Gather in Europe To Design Future Materials for Energy Storage and Conversion. Journal of Chemical Education, 2011, 88, 1203-1206.	2.3	0
125	Tin-Based composite Materials Fabricated by Anodic Oxidation for the Negative Electrode of Li-Ion Batteries. Journal of the Electrochemical Society, 2011, 158, A1094.	2.9	31
126	Nanocrystalline Fe1â^'xCoxSn2 solid solutions prepared by reduction of salts in tetraethylene glycol. Journal of Alloys and Compounds, 2011, 509, 3074-3079.	5.5	15

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127	Oxidized FeCoNi alloys as novel anode in Li-ion batteries. Electrochemistry Communications, 2011, 13, 1427-1430.	4.7	19
128	CoSn-graphite electrode material prepared by using the polyol method and high-intensity ultrasonication. Electrochimica Acta, 2011, 56, 9808-9817.	5.2	18
129	A 57Fe Mössbauer spectroscopy study of cobalt ferrite conversion electrodes for Li-ion batteries. Journal of Power Sources, 2011, 196, 6978-6981.	7.8	17
130	A new form of manganese carbonate for the negative electrode of lithium-ion batteries. Journal of Power Sources, 2011, 196, 2863-2866.	7.8	87
131	The electrochemical behavior of low-temperature synthesized FeSn2 nanoparticles as anode materials for Li-ion batteries. Journal of Power Sources, 2011, 196, 6768-6771.	7.8	25
132	Comparative study of composite electrodes containing tin, polyacrylonitrile and cobalt or iron. Journal of Power Sources, 2011, 196, 2893-2898.	7.8	9
133	Recent advances in nanocrystalline intermetallic tin compounds for the negative electrode of lithium ion batteries. , 2011, , .		Ο
134	FeSn2-Polyacrylonitrile Electrode Obtained by Using High-Intensity Ultrasonication. Electrochemical and Solid-State Letters, 2011, 14, A148.	2.2	10
135	Nanostructured TiO2 Materials for New-Generation Li-Ion Batteries. , 2011, , 183-236.		Ο
136	On the role of faradaic and capacitive contributions in the electrochemical performance of CoFe2O4 as conversion anode for Li-ion cells. Solid State Ionics, 2010, 181, 616-622.	2.7	46
137	Sn–Co–C composites obtained from resorcinol-formaldehyde gel as anodes in lithium-ion batteries. Journal of Solid State Electrochemistry, 2010, 14, 139-148.	2.5	20
138	On the use of the reverse micelles synthesis of nanomaterials for lithium-ion batteries. Journal of Solid State Electrochemistry, 2010, 14, 1749-1753.	2.5	8
139	NiMn2â^'Fe O4 prepared by a reverse micelles method as conversion anode materials for Li-ion batteries. Materials Chemistry and Physics, 2010, 124, 102-108.	4.0	26
140	Cobalt and tin oxalates and PAN mixture as a new electrode material for lithium ion batteries. Journal of Electroanalytical Chemistry, 2010, 642, 143-149.	3.8	16
141	On the electrochemical performance of anthracite-based graphite materials as anodes in lithium-ion batteries. Fuel, 2010, 89, 986-991.	6.4	84
142	Nanoarchitectured TiO ₂ /SnO: A Future Negative Electrode for High Power Density Li-Ion Microbatteries?. Chemistry of Materials, 2010, 22, 1926-1932.	6.7	107
143	Electron Paramagnetic Resonance, X-ray Diffraction, Mössbauer Spectroscopy, and Electrochemical Studies on Nanocrystalline FeSn ₂ Obtained by Reduction of Salts in Tetraethylene Glycol. Chemistry of Materials, 2010, 22, 2268-2275.	6.7	31
144	PAN-Encapsulated Nanocrystalline CoSn[sub 2] Particles as Negative Electrode Active Material for Lithium-Ion Batteries. Journal of the Electrochemical Society, 2010, 157, A666.	2.9	15

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145	A novel architectured negative electrode based on titania nanotube and iron oxide nanowire composites for Li-ion microbatteries. Journal of Materials Chemistry, 2010, 20, 4041.	6.7	88
146	The Origin of Capacity Fading in NiFe ₂ O ₄ Conversion Electrodes for Lithium Ion Batteries Unfolded by ⁵⁷ Fe Mössbauer Spectroscopy. Journal of Physical Chemistry C, 2010, 114, 12828-12832.	3.1	81
147	On the use of transition metal oxysalts as conversion electrodes in lithium-ion batteries. Journal of Power Sources, 2009, 189, 823-827.	7.8	45
148	Fe3+ and Ni3+ impurity distribution and electrochemical performance of LiCoO2 electrode materials for lithium ion batteries. Journal of Power Sources, 2009, 194, 494-501.	7.8	18
149	Effect of oxidation on the performance of low-temperature petroleum cokes as anodes in lithium ion batteries. Journal of Applied Electrochemistry, 2009, 39, 899-906.	2.9	2
150	Effects of heteroatoms and nanosize on tin-based electrodes. Journal of Power Sources, 2009, 189, 309-314.	7.8	21
151	Electrochemical performance and local cationic distribution in layered LiNi1/2Mn1/2O2 electrodes for lithium ion batteries. Electrochimica Acta, 2009, 54, 1694-1701.	5.2	20
152	TiO2 nanotubes manufactured by anodization of Ti thin films for on-chip Li-ion 2D microbatteries. Electrochimica Acta, 2009, 54, 4262-4268.	5.2	137
153	Local Coordination of Fe ³⁺ in Layered LiCo _{1â~<i>y</i>} Al _{<i>y</i>} O ₂ Oxides Determined by High-Frequency Electron Paramagnetic Resonance Spectroscopy. Inorganic Chemistry, 2009, 48, 4798-4805.	4.0	10
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