

Jos L Tirado

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.

391
papers

11,946
citations

56
h-index

91
g-index

413
ext. papers

12,700
ext. citations

5.6
avg, IF

6.39
L-index

#	Paper	IF	Citations
391	Exploring hybrid Mg ²⁺ /H ⁺ reactions of C@MgMnSiO ₄ with boosted voltage in magnesium-ion batteries. <i>Electrochimica Acta</i> , 2022 , 404, 139738	6.7	5
390	Marine shrimp/tin waste as a negative electrode for rechargeable sodium-ion batteries. <i>Journal of Cleaner Production</i> , 2022 , 359, 131994	10.3	0
389	Effect of the Mn/V ratio to optimize the kinetic properties of Na _{3+x} MnxV _{1-x} Cr(PO ₄) ₃ positive electrode for sodium-ion batteries. <i>Electrochimica Acta</i> , 2021 , 375, 137982	6.7	4
388	On the benefits of Cr substitution on Na ₄ MnV(PO ₄) ₃ to improve the high voltage performance as cathode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2021 , 495, 229811	8.9	13
387	Reversible Multi-Electron Storage Enabled by Na ₅ V(PO ₄) ₂ F ₂ for Rechargeable Magnesium Batteries. <i>Energy Storage Materials</i> , 2021 , 38, 462-472	19.4	8
386	A dual vanadium substitution strategy for improving NASICON-type cathode materials for Na-ion batteries. <i>Sustainable Energy and Fuels</i> , 2021 , 5, 4095-4103	5.8	1
385	Iron substitution in Na ₄ VMn(PO ₄) ₃ as a strategy for improving the electrochemical performance of sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 895, 115533	4.1	4
384	Iron Oxide/Iron Sulfide Hybrid Nanosheets as High-Performance Conversion-Type Anodes for Sodium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020 , 3, 10765-10775	6.1	9
383	Inorganic solids for dual magnesium and sodium battery electrodes. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 2565-2573	2.6	2
382	A theoretical and experimental study of hexagonal molybdenum trioxide as dual-ion electrode for rechargeable magnesium battery. <i>Journal of Alloys and Compounds</i> , 2020 , 831, 154795	5.7	4
381	Sustainable and Environmentally Friendly Na and Mg Aqueous Hybrid Batteries Using Na and K Birnessites. <i>Molecules</i> , 2020 , 25,	4.8	3
380	Waste Pd/Fish-Collagen as anode for energy storage. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 131, 109968	16.2	6
379	Theoretical and Experimental Study on the Electrochemical Behavior of Beta-Sodium Vanadate in Rechargeable Magnesium Batteries Using Several Electrolyte Solutions. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 070512	3.9	6
378	Highly dispersed oleic-induced nanometric C@Na ₃ V ₂ (PO ₄) ₂ F ₃ composites for efficient Na-ion batteries. <i>Electrochimica Acta</i> , 2020 , 332, 135502	6.7	20
377	Effect of chromium doping on Na ₃ V ₂ (PO ₄) ₂ F ₃ @C as promising positive electrode for sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 856, 113694	4.1	16
376	Influence of Cosurfactant on the Synthesis of Surface-Modified Na ₂ /3Ni ₁ /3Mn ₂ /3O ₂ as a Cathode for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2020 , 7, 3528-3534	4.3	4
375	Increasing Energy Density with Capacity Preservation by Aluminum Substitution in Sodium Vanadium Phosphate. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21651-21660	9.5	13

374	Superior electrochemical performance of TiO ₂ sodium-ion battery anodes in diglyme-based electrolyte solution. <i>Journal of Power Sources</i> , 2019 , 432, 82-91	8.9	24
373	Morphological adaptability of graphitic carbon nanofibers to enhance sodium insertion in a diglyme-based electrolyte. <i>Dalton Transactions</i> , 2019 , 48, 5417-5424	4.3	3
372	On the use of guanidine hydrochloride soft template in the synthesis of Na ₂ /3Ni ₁ /3Mn ₂ /3O ₂ cathodes for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019 , 789, 1035-1045	5.7	7
371	On the Beneficial Effect of MgCl ₂ as Electrolyte Additive to Improve the Electrochemical Performance of Li _{1-x} FePO ₄ as Cathode in Mg Batteries. <i>Nanomaterials</i> , 2019 , 9,	5.4	7
370	Carbon nanomaterials for advanced lithium and sodium-ion batteries 2019 , 335-355		
369	Exploring the high-voltage Mg ²⁺ /Na ⁺ co-intercalation reaction of Na ₃ VCr(PO ₄) ₃ in Mg-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 18081-18091	13	18
368	CTAB-Assisted Synthesis of C@Na ₃ V ₂ (PO ₄) ₂ F ₃ With Optimized Morphology for Application as Cathode Material for Na-Ion Batteries. <i>Frontiers in Physics</i> , 2019 , 7,	3.9	11
367	On the Effect of Silicon Substitution in Na ₃ V ₂ (PO ₄) ₃ on the Electrochemical Behavior as Cathode for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2018 , 5, 367-374	4.3	21
366	Applicability of Molybdate as an Electrode Material in Calcium Batteries: A Structural Study of Layer-type Ca _x MoO ₃ . <i>Chemistry of Materials</i> , 2018 , 30, 5853-5861	9.6	41
365	On the Mechanism of Magnesium Storage in Micro- and Nano-Particulate Tin Battery Electrodes. <i>Nanomaterials</i> , 2018 , 8,	5.4	14
364	Sodium storage behavior of Na _{0.66} Ni _{0.33-?x} Zn _x Mn _{0.67} O ₂ (x = 0, 0.07 and 0.14) positive materials in diglyme-based electrolytes. <i>Journal of Power Sources</i> , 2018 , 400, 317-324	8.9	13
363	Anode materials for lithium-ion batteries 2018 , 43-58		2
362	NASICON-type Na ₃ V ₂ (PO ₄) ₃ as a new positive electrode material for rechargeable aluminium battery. <i>Electrochimica Acta</i> , 2018 , 260, 798-804	6.7	39
361	Exploring an Aluminum Ion Battery Based on Molybdate as Working Electrode and Ionic Liquid as Electrolyte. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A2994-A2999	3.9	15
360	On the influence of particle morphology to provide high performing chemically desodiated C@NaV ₂ (PO ₄) ₃ as cathode for rechargeable magnesium batteries. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 827, 128-136	4.1	12
359	Treasure Na-ion anode from trash coke by adept electrolyte selection. <i>Journal of Power Sources</i> , 2017 , 347, 127-135	8.9	30
358	Induced Rate Performance Enhancement in Off-Stoichiometric Na V (PO) with Potential Applicability as the Cathode for Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2017 , 23, 7345-7352	4.8	24
357	On the effect of carbon content for achieving a high performing Na ₃ V ₂ (PO ₄) ₃ /C nanocomposite as cathode for sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 784, 47-54	4.1	40

356	Na ₃ V ₂ (PO ₄) ₃ as electrode material for rechargeable magnesium batteries: a case of sodium-magnesium hybrid battery. <i>Electrochimica Acta</i> , 2017 , 246, 908-913	6.7	35
355	Improved Surface Stability of C+MO@NaV(PO) Prepared by Ultrasonic Method as Cathode for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1471-1478	9.5	27
354	Insight into the Electrochemical Sodium Insertion of Vanadium Superstoichiometric NASICON Phosphate. <i>Inorganic Chemistry</i> , 2017 , 56, 11845-11853	5.1	11
353	Nanometric P ₂ -Na _{2/3} Fe _{1/3} Mn _{2/3} O ₂ with controlled morphology as cathode for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2017 , 724, 465-473	5.7	28
352	Electrochemical Interaction of Few-Layer Molybdenum Disulfide Composites vs Sodium: New Insights on the Reaction Mechanism. <i>Chemistry of Materials</i> , 2017 , 29, 5886-5895	9.6	44
351	On the Reliability of Sodium Co-Intercalation in Expanded Graphite Prepared by Different Methods as Anodes for Sodium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A3804-A3813	3.9	33
350	Nanostructured TiO ₂ Materials for New-Generation Li-Ion Batteries 2017 , 171-221		
349	Na ₃ V ₂ (PO ₄) ₃ /C Nanorods with Improved Electrode-Electrolyte Interface As Cathode Material for Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23151-9	9.5	68
348	Enhancing the energy density of safer Li-ion batteries by combining high-voltage lithium cobalt fluorophosphate cathodes and nanostructured titania anodes. <i>Scientific Reports</i> , 2016 , 6, 20656	4.9	18
347	Nanobelts of Beta-Sodium Vanadate as Electrode for Magnesium and Dual Magnesium-Sodium Batteries. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A2781-A2790	3.9	21
346	Reversible intercalation of aluminium into vanadium pentoxide xerogel for aqueous rechargeable batteries. <i>RSC Advances</i> , 2016 , 6, 62157-62164	3.7	67
345	On the use of diatomite as antishrinkage additive in the preparation of monolithic carbon aerogels. <i>Carbon</i> , 2016 , 98, 280-284	10.4	5
344	Exploring a Li-ion battery using surface modified titania nanotubes versus high voltage cathode nanowires. <i>Journal of Power Sources</i> , 2016 , 303, 194-202	8.9	15
343	Synthesis of Porous and Mechanically Compliant Carbon Aerogels Using Conductive and Structural Additives. <i>Gels</i> , 2016 , 2,	4.2	14
342	High-Performance Na ₃ V ₂ (PO ₄) ₃ /C Cathode for Sodium-Ion Batteries Prepared by a Ball-Milling-Assisted Method. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3212-3218	2.3	33
341	Influence of Solvent Evaporation Rate in the Preparation of Carbon-Coated Lithium Iron Phosphate Cathode Films on Battery Performance. <i>Energy Technology</i> , 2016 , 4, 573-582	3.5	23
340	Truly quasi-solid-state lithium cells utilizing carbonate free polymer electrolytes on engineered LiFePO ₄ . <i>Electrochimica Acta</i> , 2016 , 199, 172-179	6.7	22
339	Enhanced high-rate performance of manganese substituted Na ₃ V ₂ (PO ₄) ₃ /C as cathode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2016 , 313, 73-80	8.9	99

338	Advancing towards a veritable calcium-ion battery: CaCo ₂ O ₄ positive electrode material. <i>Electrochemistry Communications</i> , 2016 , 67, 59-64	5.1	83
337	Mn-Containing N-Doped Monolithic Carbon Aerogels with Enhanced Macroporosity as Electrodes for Capacitive Deionization. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2487-2494	8.3	29
336	On the correlation between the porous structure and the electrochemical response of powdered and monolithic carbon aerogels as electrodes for capacitive deionization. <i>Journal of Solid State Chemistry</i> , 2016 , 242, 21-28	3.3	13
335	A fractal-like electrode based on double-wall nanotubes of anatase exhibiting improved electrochemical behaviour in both lithium and sodium batteries. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 4687-95	3.6	15
334	Self-Organized, Anatase, Double-Walled Nanotubes Prepared by Anodization under Voltage Ramp as Negative Electrode for Aqueous Sodium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A3007-A3012	3.9	11
333	LiFePO ₄ particle conductive composite strategies for improving cathode rate capability. <i>Electrochimica Acta</i> , 2015 , 163, 323-329	6.7	51
332	Relationships between the length of self-organized titania nanotube, adsorbed solvents and its electrochemical reaction with lithium. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 3013-3018	2.6	1
331	Judicious design of lithium iron phosphate electrodes using poly(3,4-ethylenedioxythiophene) for high performance batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 14254-14262	13	13
330	Self-assembled Li ₄ Ti ₅ O ₁₂ /TiO ₂ /Li ₃ PO ₄ for integrated Li ^{ion} microbatteries. <i>Electrochemistry Communications</i> , 2015 , 56, 61-64	5.1	9
329	On the use of carbon black loaded nitrogen-doped carbon aerogel for the electrosorption of sodium chloride from saline water. <i>Electrochimica Acta</i> , 2015 , 170, 154-163	6.7	26
328	Ordered mesoporous titanium oxide for thin film microbatteries with enhanced lithium storage. <i>Electrochimica Acta</i> , 2015 , 166, 293-301	6.7	8
327	Benefits of Chromium Substitution in Na ₃ V ₂ (PO ₄) ₃ as a Potential Candidate for Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2015 , 2, 995-1002	4.3	119
326	Computational and Experimental investigation of Nalipoite-Li ₂ AP ₂ O ₄ (A = Na, K) electrolytes for Li-ion batteries. <i>Materials Research Society Symposia Proceedings</i> , 2015 , 1740, 37		
325	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. <i>CrystEngComm</i> , 2015 , 17, 8728-8735	3.3	57
324	Effect of the degree of porosity on the performance of poly(vinylidene fluoride-trifluoroethylene)/poly(ethylene oxide) blend membranes for lithium-ion battery separators. <i>Solid State Ionics</i> , 2015 , 280, 1-9	3.3	24
323	Self-organized sodium titanate/titania nanoforest for the negative electrode of sodium-ion microbatteries. <i>Journal of Alloys and Compounds</i> , 2015 , 646, 816-826	5.7	12
322	Effect of aluminum doping on carbon loaded Na ₃ V ₂ (PO ₄) ₃ as cathode material for sodium-ion batteries. <i>Electrochimica Acta</i> , 2015 , 180, 824-830	6.7	96
321	P3-Type Layered Sodium-Deficient Nickel-Manganese Oxides: A Flexible Structural Matrix for Reversible Sodium and Lithium Intercalation. <i>ChemPlusChem</i> , 2015 , 80, 1642-1656	2.8	50

320	High Performance Full Sodium-Ion Cell Based on a Nanostructured Transition Metal Oxide as Negative Electrode. <i>Chemistry - A European Journal</i> , 2015 , 21, 14879-85	4.8	23
319	Effect of Iron Substitution in the Electrochemical Performance of Na ₃ V ₂ (PO ₄) ₃ as Cathode for Na-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A3077-A3083	3.9	119
318	High-intensity ultrasonication as a way to prepare graphene/amorphous iron oxyhydroxide hybrid electrode with high capacity in lithium battery. <i>Ultrasonics Sonochemistry</i> , 2015 , 24, 238-46	8.9	12
317	N-doped monolithic carbon aerogel electrodes with optimized features for the electrosorption of ions. <i>Carbon</i> , 2015 , 83, 262-274	10.4	103
316	Mesoporous carbon black-aerogel composites with optimized properties for the electro-assisted removal of sodium chloride from brackish water. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 741, 42-50	4.1	28
315	Improved lithium-ion transport in NASICON-type lithium titanium phosphate by calcium and iron doping. <i>Solid State Ionics</i> , 2014 , 262, 573-577	3.3	35
314	Self-organized amorphous titania nanotubes with deposited graphene film like a new heterostructured electrode for lithium ion batteries. <i>Journal of Power Sources</i> , 2014 , 248, 886-893	8.9	32
313	Microstructure of the epitaxial film of anatase nanotubes obtained at high voltage and the mechanism of its electrochemical reaction with sodium. <i>CrystEngComm</i> , 2014 , 16, 4602-4609	3.3	65
312	Electrochemical in battery polymerization of poly(alkylenedioxythiophene) over lithium iron phosphate for high-performance cathodes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 20724-30	3.6	7
311	An unnoticed inorganic solid electrolyte: dilithium sodium phosphate with the nalipoite structure. <i>Inorganic Chemistry</i> , 2014 , 53, 2310-6	5.1	17
310	Improved electro-assisted removal of phosphates and nitrates using mesoporous carbon aerogels with controlled porosity. <i>Journal of Applied Electrochemistry</i> , 2014 , 44, 963-976	2.6	21
309	Improving the performance of titania nanotube battery materials by surface modification with lithium phosphate. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 5669-78	9.5	23
308	Improving the cycling performance of LiFePO ₄ cathode material by poly(3,4-ethylenedioxythiophene) coating. <i>RSC Advances</i> , 2014 , 4, 26108-26114	3.7	29
307	Electrodeposition of copper in nanowires on Ti foils for rechargeable lithium micro-batteries with high energy density. <i>Journal of Alloys and Compounds</i> , 2014 , 585, 331-336	5.7	25
306	Influence of composition modification on Ca _{0.5} Mg _x Ti ₂ (PO ₄) ₃ (0.0 ≤ x ≤ 0.5) nanoparticles as electrodes for lithium batteries. <i>Materials Research Bulletin</i> , 2014 , 49, 566-571	5.1	2
305	Microwave-assisted hydrothermal synthesis of magnetite nanoparticles with potential use as anode in lithium ion batteries. <i>Materials Research</i> , 2014 , 17, 1065-1070	1.5	11
304	Improving the Electrochemistry of Anatase for Sodium Ion Batteries by Using Self-Organized TiO ₂ Nanotubes Prepared by Anodization under Variable Voltage. <i>ECS Transactions</i> , 2014 , 62, 45-56	1	3
303	Effect of the resorcinol/catalyst ratio in the capacitive performance of carbon xerogels with potential use in sodium chloride removal from saline water. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 2847-2856	2.6	11

302	A novel method for metal oxide deposition on carbon aerogels with potential application in capacitive deionization of saline water. <i>Electrochimica Acta</i> , 2014 , 135, 208-216	6.7	69
301	High reversible sodium insertion into iron substituted $\text{Na}_{1+x}\text{Ti}_2\text{Fex}(\text{PO}_4)_3$. <i>Journal of Power Sources</i> , 2014 , 252, 208-213	8.9	51
300	Nanoscale Tin Heterostructures for Improved Energy Storage in Lithium Batteries. <i>ACS Symposium Series</i> , 2013 , 1-22	0.4	
299	Tunable $\text{Ti}^{4+}/\text{Ti}^{3+}$ Redox Potential in the Presence of Iron and Calcium in NASICON-Type Related Phosphates as Electrodes for Lithium Batteries. <i>Chemistry of Materials</i> , 2013 , 25, 4025-4035	9.6	13
298	Improved coulombic efficiency in nanocomposite thin film based on electrodeposited-oxidized FeNi-electrodes for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2013 , 557, 82-90	5.7	5
297	Electrosorption of environmental concerning anions on a highly porous carbon aerogel. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 708, 80-86	4.1	20
296	Optimization of tin intermetallics and composite electrodes for lithium-ion batteries obtained by sonochemical synthesis. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2495-2501	2.6	9
295	Electrodeposited CoSn_2 on nickel open-cell foam: advancing towards high power lithium ion and sodium ion batteries. <i>CrystEngComm</i> , 2013 , 15, 9196	3.3	32
294	Transition metal oxide thin films with improved reversibility as negative electrodes for sodium-ion batteries. <i>Electrochemistry Communications</i> , 2013 , 27, 152-155	5.1	38
293	^{119}Sn Mössbauer spectroscopy analysis of SnO_2 composites prepared from a Fuel Oil Pyrolysis precursor as anodes for Li-ion batteries. <i>Materials Chemistry and Physics</i> , 2013 , 138, 747-754	4.4	4
292	Towards an all-solid-state battery: Preparation of conversion anodes by electrodeposition/oxidation processes. <i>Journal of Power Sources</i> , 2013 , 244, 403-409	8.9	6
291	Controlled Growth and Application in Lithium and Sodium Batteries of High-Aspect-Ratio, Self-Organized Titania Nanotubes. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A1390-A1398	3.9	31
290	Structural and comparative electrochemical study of $\text{M}(\text{II})$ oxalates, $\text{M}=\text{Mn, Fe, Co, Ni, Cu, Zn}$. <i>Journal of Power Sources</i> , 2013 , 227, 65-71	8.9	58
289	Applications of Mössbauer Spectroscopy in The Study of Lithium Battery Materials 2013 , 552-563		
288	Improving the electrochemical performance of titanium phosphate-based electrodes in sodium batteries by lithium substitution. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 13963	13	15
287	Improved Energy Storage Solution Based on Hybrid Oxide Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 46-56	8.3	57
286	Improving the Electrochemical Properties of Self-Organized Titanium Dioxide Nanotubes in Lithium Batteries by Surface Polyacrylonitrile Electropolymerization. <i>Journal of the Electrochemical Society</i> , 2013 , 160, A3026-A3035	3.9	11
285	Unfolding the role of iron in Li-ion conversion electrode materials by ^{57}Fe Mössbauer spectroscopy 2013 , 489-495		

284	Chromium substitution in ion exchanged $\text{Li}_3\text{Fe}_2(\text{PO}_4)_3$ and the effects on the electrochemical behavior as cathodes for lithium batteries. <i>Electrochimica Acta</i> , 2012 , 62, 124-131	6.7	13
283	Electrochemical performance of the lithium insertion in $\text{Mn}_{0.5-x}\text{Co}_x\text{Ti}_2(\text{PO}_4)_3/\text{C}$ composites ($x=0, 0.25$, and 0.5) as electrode material for lithium batteries. <i>Electrochimica Acta</i> , 2012 , 77, 150-156	6.7	14
282	Improving the cyclability of sodium-ion cathodes by selection of electrolyte solvent. <i>Journal of Power Sources</i> , 2012 , 197, 314-318	8.9	57
281	Nanocrystalline CoSn_2 -carbon composite electrode prepared by using sonochemistry. <i>Ultrasonics Sonochemistry</i> , 2012 , 19, 352-7	8.9	21
280	Electrochemical response of carbon aerogel electrodes in saline water. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 671, 92-98	4.1	52
279	In Situ X-ray Diffraction Study of Electrochemical Insertion in $\text{Mg}_{0.5}\text{Ti}_2(\text{PO}_4)_3$: An Electrode Material for Lithium or Sodium Batteries. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A1716-A1721	3.9	17
278	Electrodeposited Polyacrylonitrile and Cobalt-Tin Composite Thin Film on Titanium Substrate. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A1028-A1033	3.9	16
277	Lithium storage mechanisms and effect of partial cobalt substitution in manganese carbonate electrodes. <i>Inorganic Chemistry</i> , 2012 , 51, 5554-60	5.1	66
276	Long-Length Titania Nanotubes Obtained by High-Voltage Anodization and High-Intensity Ultrasonication for Superior Capacity Electrode. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 20182-20190	3.8	35
275	New mixed transition metal oxysalts as negative electrode materials for lithium-ion batteries. <i>Solid State Ionics</i> , 2012 , 225, 518-521	3.3	30
274	The influence of iron substitution on the electrochemical properties of $\text{Li}_{1+x}\text{Ti}_2\text{Fex}(\text{PO}_4)_3/\text{C}$ composites as electrodes for lithium batteries. <i>Journal of Materials Chemistry</i> , 2012 , 22, 21602		26
273	Unfolding the role of iron in Li-ion conversion electrode materials by ^{57}Fe Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2012 , 207, 53-59	0.8	8
272	A facile carbothermal preparation of Sn_xO_x composite electrodes for Li-ion batteries using low-cost carbons. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 953-962	2.6	22
271	A Functionalized Co_2P Negative Electrode for Batteries Demanding High Li-Potential Reaction. <i>Journal of the Electrochemical Society</i> , 2012 , 159, A1253-A1261	3.9	35
270	Preparation and Characterization of Intermetallic Nanoparticles for Lithium Ion Batteries. <i>Journal of Nano Research</i> , 2012 , 17, 53-65	1	1
269	Novel fabrication technologies of 1D TiO_2 nanotubes, vertical tin and iron-based nanowires for Li-ion microbatteries. <i>International Journal of Nanotechnology</i> , 2012 , 9, 260	1.5	9
268	Tin-Based composite Materials Fabricated by Anodic Oxidation for the Negative Electrode of Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2011 , 158, A1094	3.9	26
267	Nanocrystalline $\text{Fe}_{1-x}\text{Co}_x\text{Sn}_2$ solid solutions prepared by reduction of salts in tetraethylene glycol. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 3074-3079	5.7	14

266	Oxidized FeCoNi alloys as novel anode in Li-ion batteries. <i>Electrochemistry Communications</i> , 2011 , 13, 1427-1430	5.1	19
265	CoSn-graphite electrode material prepared by using the polyol method and high-intensity ultrasonication. <i>Electrochimica Acta</i> , 2011 , 56, 9808-9817	6.7	14
264	A ⁵⁷ Fe Mössbauer spectroscopy study of cobalt ferrite conversion electrodes for Li-ion batteries. <i>Journal of Power Sources</i> , 2011 , 196, 6978-6981	8.9	17
263	A new form of manganese carbonate for the negative electrode of lithium-ion batteries. <i>Journal of Power Sources</i> , 2011 , 196, 2863-2866	8.9	79
262	Synergistic effects of transition metal substitution in conversion electrodes for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10102		56
261	Give Energy to Your Study—Students Worldwide Gather in Europe To Design Future Materials for Energy Storage and Conversion. <i>Journal of Chemical Education</i> , 2011 , 88, 1203-1206	2.4	
260	The electrochemical behavior of low-temperature synthesized FeSn ₂ nanoparticles as anode materials for Li-ion batteries. <i>Journal of Power Sources</i> , 2011 , 196, 6768-6771	8.9	22
259	Comparative study of composite electrodes containing tin, polyacrylonitrile and cobalt or iron. <i>Journal of Power Sources</i> , 2011 , 196, 2893-2898	8.9	8
258	FeSn ₂ -Polyacrylonitrile Electrode Obtained by Using High-Intensity Ultrasonication. <i>Electrochemical and Solid-State Letters</i> , 2011 , 14, A148		9
257	Nanostructured TiO ₂ Materials for New-Generation Li-Ion Batteries 2011 , 183-236		
256	Nanoarchitected TiO ₂ /SnO: A Future Negative Electrode for High Power Density Li-Ion Microbatteries?. <i>Chemistry of Materials</i> , 2010 , 22, 1926-1932	9.6	99
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