

Teofilo Rojo

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552
papers

26,157
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71
h-index

141
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623
ext. papers

29,122
ext. citations

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avg. IF

7.2
L-index

#	Paper	IF	Citations
552	Na-ion batteries, recent advances and present challenges to become low cost energy storage systems. <i>Energy and Environmental Science</i> , 2012 , 5, 5884	35.4	2716
551	Antibacterial properties of nanoparticles. <i>Trends in Biotechnology</i> , 2012 , 30, 499-511	15.1	1665
550	A comprehensive review of sodium layered oxides: powerful cathodes for Na-ion batteries. <i>Energy and Environmental Science</i> , 2015 , 8, 81-102	35.4	880
549	Update on Na-based battery materials. A growing research path. <i>Energy and Environmental Science</i> , 2013 , 6, 2312	35.4	781
548	Polynuclear NiII and MnII azido bridging complexes. Structural trends and magnetic behavior. <i>Coordination Chemistry Reviews</i> , 1999 , 193-195, 1027-1068	23.2	773
547	Single lithium-ion conducting solid polymer electrolytes: advances and perspectives. <i>Chemical Society Reviews</i> , 2017 , 46, 797-815	58.5	611
546	High temperature sodium batteries: status, challenges and future trends. <i>Energy and Environmental Science</i> , 2013 , 6, 734	35.4	500
545	Na _{0.67} Mn _{1-x} Mg _x O ₂ (0 ≤ x ≤ 0.2): a high capacity cathode for sodium-ion batteries. <i>Energy and Environmental Science</i> , 2014 , 7, 1387-1391	35.4	325
544	Towards High-Safe Lithium Metal Anodes: Suppressing Lithium Dendrites via Tuning Surface Energy. <i>Advanced Science</i> , 2017 , 4, 1600168	13.6	298
543	The challenge to relate the physicochemical properties of colloidal nanoparticles to their cytotoxicity. <i>Accounts of Chemical Research</i> , 2013 , 46, 743-9	24.3	297
542	High performance manganese-based layered oxide cathodes: overcoming the challenges of sodium ion batteries. <i>Energy and Environmental Science</i> , 2017 , 10, 1051-1074	35.4	289
541	In vivo integrity of polymer-coated gold nanoparticles. <i>Nature Nanotechnology</i> , 2015 , 10, 619-23	28.7	269
540	A room-temperature sodium-sulfur battery with high capacity and stable cycling performance. <i>Nature Communications</i> , 2018 , 9, 3870	17.4	247
539	From Charge Storage Mechanism to Performance: A Roadmap toward High Specific Energy Sodium-Ion Batteries through Carbon Anode Optimization. <i>Advanced Energy Materials</i> , 2018 , 8, 1703268	21.8	244
538	Alternating Ferromagnetic/Antiferromagnetic Interactions in a Manganese(II) Azido One-Dimensional Compound: [Mn(bipy)(N ₃) ₂]. <i>Inorganic Chemistry</i> , 1997 , 36, 677-683	5.1	221
537	Structurally stable Mg-doped P2-Na ₂ /3Mn _{1-x} Mg _x O ₂ sodium-ion battery cathodes with high rate performance: insights from electrochemical, NMR and diffraction studies. <i>Energy and Environmental Science</i> , 2016 , 9, 3240-3251	35.4	200
536	Chemically induced permanent magnetism in Au, Ag, and Cu nanoparticles: localization of the magnetism by element selective techniques. <i>Nano Letters</i> , 2008 , 8, 661-7	11.5	199

535	Na-Ion Batteries for Large Scale Applications: A Review on Anode Materials and Solid Electrolyte Interphase Formation. <i>Advanced Energy Materials</i> , 2017 , 7, 1700463	21.8	192
534	Atomic-level energy storage mechanism of cobalt hydroxide electrode for pseudocapacitors. <i>Nature Communications</i> , 2017 , 8, 15194	17.4	186
533	Production and processing of graphene and related materials. <i>2D Materials</i> , 2020 , 7, 022001	5.9	179
532	High Voltage Mg-Doped Na _{0.67} Ni _{0.3} Mg _x Mn _{0.7} O ₂ (x = 0.05, 0.1) Na-Ion Cathodes with Enhanced Stability and Rate Capability. <i>Chemistry of Materials</i> , 2016 , 28, 5087-5094	9.6	171
531	High-Performance P2-Phase Na _{2/3} Mn _{0.8} Fe _{0.1} Ti _{0.1} O ₂ Cathode Material for Ambient-Temperature Sodium-Ion Batteries. <i>Chemistry of Materials</i> , 2016 , 28, 106-116	9.6	166
530	Crystal chemistry of Na insertion/deinsertion in FePO ₄ /NaFePO ₄ . <i>Journal of Materials Chemistry</i> , 2012 , 22, 17421		159
529	[N(CH ₃) ₄][Mn(N ₃) ₃]: A Compound with a Distorted Perovskite Structure through Azido Ligands. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 78-80		153
528	Hard Carbon as Sodium-Ion Battery Anodes: Progress and Challenges. <i>ChemSusChem</i> , 2019 , 12, 133-144	8.3	152
527	High voltage cathode materials for Na-ion batteries of general formula Na ₃ V ₂ O _{2x} (PO ₄) ₂ F _{3-2x} . <i>Journal of Materials Chemistry</i> , 2012 , 22, 22301		142
526	Electrode Materials for Sodium-Ion Batteries: Considerations on Crystal Structures and Sodium Storage Mechanisms. <i>Electrochemical Energy Reviews</i> , 2018 , 1, 200-237	29.3	130
525	A New Layered Inorganic/Organic Hybrid Manganese(II) Phosphite: (C ₂ H ₁₀ N ₂)[Mn ₃ (HPO ₃) ₄]. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. <i>Chemistry of Materials</i> , 2000 , 12, 2092-2098	9.6	128
524	A Stable Quasi-Solid-State Sodium-Sulfur Battery. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10168-10172	16.4	128
523	Composition and evolution of the solid-electrolyte interphase in Na ₂ Ti ₃ O ₇ electrodes for Na-ion batteries: XPS and Auger parameter analysis. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 7801-8	9.5	126
522	Recovery by hydrometallurgical extraction of the platinum-group metals from car catalytic converters. <i>Minerals Engineering</i> , 2011 , 24, 505-513	4.9	112
521	(C ₂ H ₁₀ N ₂)[Cr(HPO ₃) ₂ F ₃]: The First Organically Templated Fluorochromium(III) Phosphite. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3683-5; 3521	16.4	111
520	Two New Three-Dimensional Vanadium(III) and Iron(III) Phosphites Templated by Ethylenediamine: (C ₂ H ₁₀ N ₂) _{0.5} [M(HPO ₃) ₂]. Ab Initio Structure Determination, Spectroscopic, and Magnetic Properties. <i>Chemistry of Materials</i> , 2002 , 14, 2300-2307	9.6	109
519	Electrolytes and Interphases in Sodium-Based Rechargeable Batteries: Recent Advances and Perspectives. <i>Advanced Energy Materials</i> , 2020 , 10, 2000093	21.8	107
518	Structural evolution and electrochemistry of monoclinic NaNiO ₂ upon the first cycling process. <i>Journal of Power Sources</i> , 2014 , 258, 266-271	8.9	105

517	Lithium and sodium ion capacitors with high energy and power densities based on carbons from recycled olive pits. <i>Journal of Power Sources</i> , 2017 , 359, 17-26	8.9	104
516	Ferromagnetic Interactions in the First Bis(μ -end-on-azido)manganese(II) Dinuclear Compound: $[\text{Mn}(\text{terpy})(\text{N}_3)_2]_2 \cdot 2\text{H}_2\text{O}$. <i>Inorganic Chemistry</i> , 1994 , 33, 2697-2700	5.1	104
515	A Dicubane-Like Tetrameric Nickel(II) Azido Complex. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 344-347	16.4	103
514	Synthesis and spectroscopic properties of copper(II) complexes derived from thiophene-2-carbaldehyde thiosemicarbazone. Structure and biological activity of $[\text{Cu}(\text{C}_6\text{H}_6\text{N}_3\text{S}_2)_2]$. <i>Journal of Inorganic Biochemistry</i> , 1999 , 75, 45-54	4.2	100
513	Study of the Two-Dimensional $[\text{MM}(\text{C}_3\text{H}_2\text{O}_4)_2(\text{H}_2\text{O})_4]$ (M = Ba, Sr and MII = Cu, Mn) Systems: Synthesis, Structure, Magnetic Properties, and Thermal Decomposition. <i>Inorganic Chemistry</i> , 1998 , 37, 3243-3251	5.1	98
512	Electrochemical Na Extraction/Insertion of $\text{Na}_3\text{V}_2\text{O}_7 \cdot x(\text{PO}_4)_2\text{F}_3$. <i>Chemistry of Materials</i> , 2013 , 25, 4917-4925	9.6	96
511	All-Solid-State Lithium-Ion Batteries with Grafted Ceramic Nanoparticles Dispersed in Solid Polymer Electrolytes. <i>ChemSusChem</i> , 2015 , 8, 3039-43	8.3	95
510	Sodium Distribution and Reaction Mechanisms of a $\text{Na}_3\text{V}_2\text{O}_7(\text{PO}_4)_2\text{F}$ Electrode during Use in a Sodium-Ion Battery. <i>Chemistry of Materials</i> , 2014 , 26, 3391-3402	9.6	91
509	A versatile functionalized ionic liquid to boost the solution-mediated performances of lithium-oxygen batteries. <i>Nature Communications</i> , 2019 , 10, 602	17.4	90
508	Crystal Structure and Spectroscopic and Magnetic Properties of the Manganese(II) and Copper(II) Azido-Tetramethylammonium Systems. <i>Inorganic Chemistry</i> , 1999 , 38, 4647-4652	5.1	90
507	Rate Dependent Performance Related to Crystal Structure Evolution of $\text{Na}_{0.67}\text{Mn}_{0.8}\text{Mg}_{0.2}\text{O}_2$ in a Sodium-Ion Battery. <i>Chemistry of Materials</i> , 2015 , 27, 6976-6986	9.6	88
506	Dicubane-like tetrameric cobalt(II)-pseudohalide ferromagnetic clusters. <i>Inorganic Chemistry</i> , 2001 , 40, 4550-5	5.1	88
505	Crystal structure and magnetic properties of $[\text{Ni}(\text{terpy})(\text{N}_3)_2]_2 \cdot 2\text{H}_2\text{O}$, a nickel(II) dinuclear complex with ferromagnetic interaction. <i>Inorganica Chimica Acta</i> , 1990 , 174, 263-269	2.7	88
504	An approach to overcome first cycle irreversible capacity in $\text{P}_2\text{-Na}_{2/3}[\text{Fe}_{1/2}\text{Mn}_{1/2}]\text{O}_2$. <i>Electrochemistry Communications</i> , 2013 , 37, 61-63	5.1	86
503	Structural and magnetic properties of $\text{La}_{0.7}\text{Pb}_{0.3}(\text{Mn}_{1-x}\text{Fex})\text{O}_3$ (0. <i>Physical Review B</i> , 2000 , 61, 9028-9035.	3.3	85
502	Synthesis and characterization of pure P_2 - and O_3 - $\text{Na}_{2/3}\text{Fe}_{2/3}\text{Mn}_{1/3}\text{O}_2$ as cathode materials for Na ion batteries. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18523-18530	13	84
501	Structural evolution during sodium deintercalation/intercalation in $\text{Na}_{2/3}[\text{Fe}_{1/2}\text{Mn}_{1/2}]\text{O}_2$. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 6954-6961	13	84
500	Weak M(II)-azide-4,4'-bipy ferromagnets based on unusual diamondoid (M = Mn) and 2D arrays (M = Co, Ni). <i>Inorganic Chemistry</i> , 2001 , 40, 4109-15	5.1	84

499	Electrochemical characterization of NaFePO ₄ as positive electrode in aqueous sodium-ion batteries. <i>Journal of Power Sources</i> , 2015 , 291, 40-45	8.9	83
498	Structural analysis and magnetic properties of the 1D and 3D compounds [Mn(dca) ₂ nbpym] (M = Mn, Cu; dca = dicyanamide; bpym = bipyrimidine; n = 1,2). <i>Inorganic Chemistry</i> , 2001 , 40, 3687-92	5.1	83
497	Two-Dimensional Unilamellar Cation-Deficient Metal Oxide Nanosheet Superlattices for High-Rate Sodium Ion Energy Storage. <i>ACS Nano</i> , 2018 , 12, 12337-12346	16.7	83
496	Ion-Pair Charge-Transfer Complexes Based on (o-Phenylenebis(oxamato))cuprate(II) and Cyclic Diquaternary Cations of 1,10-Phenanthroline and 2,2'-Bipyridine: Synthesis, Crystal Structure, and Physical Properties. <i>Inorganic Chemistry</i> , 1998 , 37, 6452-6460	5.1	82
495	Synthesis, characterization, antitumoral and osteogenic activities of quercetin vanadyl(IV) complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2006 , 11, 791-801	3.7	82
494	Sn and SnO ₂ /graphene flexible foams suitable as binder-free anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13402-13410	13	81
493	Sodium-Oxygen Battery: Steps Toward Reality. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 1161-6	6.4	78
492	The mechanism of NaFePO ₄ (de)sodiation determined by in situ X-ray diffraction. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 8837-42	3.6	78
491	Conductive additive content balance in Li-ion battery cathodes: Commercial carbon blacks vs. in situ carbon from LiFePO ₄ /C composites. <i>Journal of Power Sources</i> , 2010 , 195, 7661-7668	8.9	77
490	Synthesis, structural, spectroscopic and magnetic studies of two azido and thiocyanato nickel(II) dinuclear complexes with ferromagnetic interactions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 2723-2728		77
489	Biological activity of complexes derived from thiophene-2-carbaldehyde thiosemicarbazone. Crystal structure of [Ni(C(6)H(6)N(3)S(2))(2)]. <i>Journal of Inorganic Biochemistry</i> , 2001 , 86, 627-33	4.2	76
488	Synthetic strategy, magnetic and spectroscopic properties of the terpyridine complexes [Cu(terpy)X(H ₂ O) _n]Y (X = NCO, NCS or N ₃ ; n = 0 or 1; Y = NO ₃ or PF ₆). Crystal structures of the azidenitrate and azidehexafluoro-phosphate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 2605-2604		76
487	From Solid-Solution Electrodes and the Rocking-Chair Concept to Today's Batteries. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 534-538	16.4	76
486	Origins of Bistability and Na Ion Mobility Difference in P2- and O3-Na ₂ /3Fe ₂ /3Mn ₁ /3O ₂ Cathode Polymorphs. <i>Advanced Energy Materials</i> , 2017 , 7, 1601477	21.8	75
485	Cu(terpy)X ₂ (X = Br-, NCS-): complexes with an unusual five-coordination. Structural and spectroscopic investigation. <i>Inorganic Chemistry</i> , 1988 , 27, 2976-2981	5.1	75
484	Organically templated open-framework phosphites. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3793		73
483	Hydrothermal synthesis of a new layered inorganic-organic hybrid cobalt(II) phosphite: (C ₂ H ₁₀ N ₂)[Co ₃ (HPO ₃) ₄]: Crystal structure and spectroscopic and magnetic properties. <i>Solid State Sciences</i> , 2001 , 3, 331-336		73
482	Alternating Ferro- and Antiferromagnetic Interactions in Honeycomb-Like Layers of an Azidomanganese(II) Compound. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1810-1812		72

- 481 Oligomeric-Schiff bases as negative electrodes for sodium ion batteries: unveiling the nature of their active redox centers. *Energy and Environmental Science*, **2015**, 8, 3233-3241 35.4 71
- 480 Development of asymmetric supercapacitors with titanium carbide-reduced graphene oxide couples as electrodes. *Electrochimica Acta*, **2018**, 259, 752-761 6.7 71
- 479 Na-Ion Batteries Approaching Old and New Challenges. *Advanced Energy Materials*, **2020**, 10, 2002055 21.8 71
- 478 Higher voltage plateau cubic Prussian White for Na-ion batteries. *Journal of Power Sources*, **2016**, 324, 766-773 8.9 70
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- 476 Electrochemical performance of mixed valence $\text{Na}_3\text{V}_2\text{O}_2\text{x}(\text{PO}_4)_2\text{F}_3\text{O}_x/\text{C}$ as cathode for sodium-ion batteries. *Journal of Power Sources*, **2013**, 241, 56-60 8.9 69
- 475 Fluxionality in hexacoordinated copper(II) complexes with 2,2':6',2''-terpyridine (terpy) and related ligands: structural and spectroscopic investigations. *Inorganic Chemistry*, **1990**, 29, 2035-2042 5.1 69
- 474 Challenges and perspectives on high and intermediate-temperature sodium batteries. *Nano Research*, **2017**, 10, 4082-4114 10 68
- 473 Crystal Structure and Spectroscopic and Magnetic Properties of Two cis-Azido Catenas of Nickel(II): cis-catena-(μ -N₃)[Ni(bipy)₂](X) (X = ClO₄, PF₆). *Inorganic Chemistry*, **1994**, 33, 4009-4015 5.1 65
- 472 New freeze-drying method for LiFePO₄ synthesis. *Journal of Power Sources*, **2007**, 171, 879-885 8.9 63
- 471 Hydrothermal synthesis and structural characterization of the $(\text{C}(n)\text{H}(2n+6)\text{N}(2)[\text{Mn}(3)(\text{HPO}(3))_4])$ ($n = 3-8$) new layered inorganic-organic hybrid manganese(II) phosphites. Crystal structure and spectroscopic and magnetic properties of $(\text{C}(3)\text{H}(12)\text{N}(2)[\text{Mn}(3)(\text{HPO}(3))_4])$. *Inorganic Chemistry*, **2001**, 40, 3476-83 5.1 63
- 470 Graphene-based technologies for energy applications, challenges and perspectives. *2D Materials*, **2015**, 2, 030204 5.9 62
- 469 A New Manganese(II) Phosphate Templated by Ethylenediamine: $(\text{C}_2\text{H}_{10}\text{N}_2)[\text{Mn}_2(\text{HPO}_4)_3(\text{H}_2\text{O})]$. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. *Chemistry of Materials*, **2000**, 12, 376-382 9.6 61
- 468 Magnetic properties of the LiMPO_4 (M = Co, Ni) compounds. *Journal of Magnetism and Magnetic Materials*, **1996**, 164, 251-255 2.8 61
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- 466 Magnetostructural correlations in parallel square-planar chloride bridged copper(II) dimers: structure, dynamic nuclear magnetic resonance study, and magnetic properties of $[\text{Cu}_2(\text{terpy})_2\text{Cl}_2][\text{PF}_6]_2$. *Journal of the Chemical Society Dalton Transactions*, **1987**, 285 60
- 465 Role of oxidative stress in the antitumoral action of a new vanadyl(IV) complex with the flavonoid chrysin in two osteoblast cell lines: relationship with the radical scavenger activity. *Journal of Biological Inorganic Chemistry*, **2010**, 15, 889-902 3.7 59
- 464 Spectroscopic and magnetic properties of copper(II) complexes derived from pyridine-2-carbaldehyde thiosemicarbazone. Structures of $[\text{Cu}(\text{NO}_3)(\text{C}_7\text{H}_8\text{N}_4\text{S})(\text{H}_2\text{O})](\text{NO}_3)$ and $[\{\text{Cu}(\text{NCS})(\text{C}_7\text{H}_7\text{N}_4\text{S})\}_2]$. *Polyhedron*, **1999**, 18, 3703-3711 2.7 59

- 463 The Unique Structural Evolution of the O3-Phase Na₂/3Fe₂/3Mn₁/3O₂ during High Rate Charge/Discharge: A Sodium-Centred Perspective. *Advanced Functional Materials*, **2015**, 25, 4994-5005 15.6 58
- 462 Influence of Pseudohalide Ions on the Molecular Structure and Magnetic Properties of the Manganese(II)BipyrimidinePseudohalide System. *Inorganic Chemistry*, **1997**, 36, 5016-5021 5.1 58
- 461 Promising antioxidant and anticancer (human breast cancer) oxidovanadium(IV) complex of chlorogenic acid. Synthesis, characterization and spectroscopic examination on the transport mechanism with bovine serum albumin. *Journal of Inorganic Biochemistry*, **2014**, 135, 86-99 4.2 57
- 460 A New Alternating Ferro- and Antiferromagnetic, One-Dimensional Manganese(II) Azide Complex, [Mn(dpa)(N₃)₂] [Crystal Structure and Spectroscopic and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2001**, 2001, 1581-1586 2.3 57
- 459 Evidence of desulfurization in the oxidative cyclization of thiosemicarbazones. Conversion to 1,3,4-oxadiazole derivatives. *Inorganic Chemistry*, **2002**, 41, 1345-7 5.1 57
- 458 Synthesis, structure, spectroscopic and magnetic properties of two copper(II) dimers containing pyridine-2-carbaldehyde thiosemicarbazone (L), [{CuL(X)}₂](X = Cl or Br). *Journal of the Chemical Society Dalton Transactions*, **1994**, 2233-2238 57
- 457 Reduced graphene oxide decorated with SnO₂ nanoparticles as negative electrode for lithium ion capacitors. *Electrochimica Acta*, **2018**, 284, 542-550 6.7 56
- 456 Synthesis, characterisation and magnetic properties of cobalt(II) complexes with picolinic acid derivatives: the crystal and molecular structures of [Co(MeC₅H₃NCOO)₂(H₂O)₂] and [CoCl₂(C₅H₄NCOOPri)₂]. *Inorganica Chimica Acta*, **2003**, 353, 129-138 2.7 56
- 455 Spectroscopic and magnetic properties of two ferromagnetically coupled nickel(II) dimers [{Ni(terpy)(NCX)₂}]₂(terpy = 2,2':6',2'-terpyridine, X = S or Se). Crystal structure of the thiocyanate. *Journal of the Chemical Society Dalton Transactions*, **1991**, 1779-1783 56
- 454 New Insights into the Instability of Discharge Products in Na-O₂ Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 20120-7 9.5 56
- 453 Vertically co-oriented two dimensional metal-organic frameworks for packaging enhanced supercapacitive performance. *Communications Chemistry*, **2018**, 1, 6.3 55
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- 451 Investigation of the CuII/NCS/dpk Reaction System in CH₃OH [dpk = Di(2-pyridyl) Ketone]: Isolation, Structural Analysis and Magnetic Properties of a Dimer and a 1D Polymer with the Same Empirical Formula [Cu(NCS)₂(dpk)(CH₃OH)]. *European Journal of Inorganic Chemistry*, **2001**, 2001, 865-872 2.3 54
- 450 Crystallographic Evolution of P2 Na₂/3Fe_{0.4}Mn_{0.6}O₂ Electrodes during Electrochemical Cycling. *Chemistry of Materials*, **2016**, 28, 6342-6354 9.6 53
- 449 Layered P2O₃ sodium-ion cathodes derived from earth abundant elements. *Journal of Materials Chemistry A*, **2018**, 6, 3552-3559 13 52
- 448 Structural analysis and magnetic properties of the 1-D compounds [M(NCS)₂bpa₂] [M = Fe, Co, Ni and bpa = 1,2-bis(4-pyridyl)ethane]. *Journal of the Chemical Society Dalton Transactions*, **1999**, 1401-1406 52
- 447 Structural evolution of high energy density V³⁺/V⁴⁺ mixed valent Na₃V₂O_{2x}(PO₄)₂F_{3-2x} (x = 0.8) sodium vanadium fluorophosphate using in situ synchrotron X-ray powder diffraction. *Journal of Materials Chemistry A*, **2014**, 2, 7766-7779 13 51
- 446 Ferromagnetic interactions in the first dicubane-type complex involving cyanate ligand: [Co₄(dpk-OH)₂(dpk-OMe)₂(NCO)₄]. *Chemical Communications*, **2001**, 45-46 5.8 51

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444	A ferromagnetic copper(II)-vanadium(IV) oxide .mu.-oxalato complex: crystallographic structure and spectroscopic and magnetic properties. <i>Inorganic Chemistry</i> , 1994 , 33, 829-832	5.1	50
443	Alternating Ferro- and Antiferromagnetic Interactions in a MnII Chain with Alternating End-On and End-to-End Bridging Azido Ligands. <i>Angewandte Chemie International Edition in English</i> , 1995 , 33, 2488-2489		50
442	Spin-glass behavior in a three-dimensional antiferromagnet ordered phase: Magnetic structure of Co ₂ (OH)(PO ₄). <i>Physical Review B</i> , 2002 , 66,	3.3	49
441	Jeffamine [®] based polymers as highly conductive polymer electrolytes and cathode binder materials for battery application. <i>Journal of Power Sources</i> , 2017 , 347, 37-46	8.9	48
440	Full-cell quinone/hydroquinone supercapacitors based on partially reduced graphite oxide and lignin/PEDOT electrodes. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 7137-7143	13	48
439	Polyolefin-Based Janus Separator for Rechargeable Sodium Batteries. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16725-16734	16.4	48
438	Carbodiimides: new materials applied as anode electrodes for sodium and lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 1608-1611	13	48
437	Variations on Li ₃ N protective coating using ex-situ and in-situ techniques for Li ⁺ in sulphur batteries. <i>Energy Storage Materials</i> , 2017 , 9, 141-149	19.4	48
436	Cation only conduction in new polymer/BiO ₂ nanohybrids: Na ⁺ electrolytes. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 8348	13	48
435	Synthesis and Electrochemistry Study of P2- and O3-phase Na ₂ /3Fe ₁ /2Mn ₁ /2O ₂ . <i>Electrochimica Acta</i> , 2015 , 182, 1029-1036	6.7	47
434	Antioxidant, DNA cleavage, and cellular effects of silibinin and a new oxovanadium(IV)/silibinin complex. <i>Journal of Biological Inorganic Chemistry</i> , 2011 , 16, 653-68	3.7	46
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432	Review Polymer Electrolytes for Sodium Batteries. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 070534	3.9	45
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