Teofilo Rojo

List of Publications by Year
in descending order

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571 papers	32,546 citations	6233 80 h-index	6282 158 g-index
623 all docs	623 docs citations	623 times ranked	27876 citing authors

#	Article	IF	Citations
1	Na-ion batteries, recent advances and present challenges to become low cost energy storage systems. Energy and Environmental Science, 2012, 5, 5884.	15.6	3,078
2	Antibacterial properties of nanoparticles. Trends in Biotechnology, 2012, 30, 499-511.	4.9	2,113
3	A comprehensive review of sodium layered oxides: powerful cathodes for Na-ion batteries. Energy and Environmental Science, 2015, 8, 81-102.	15.6	1,085
4	Update on Na-based battery materials. A growing research path. Energy and Environmental Science, 2013, 6, 2312.	15.6	886
5	Single lithium-ion conducting solid polymer electrolytes: advances and perspectives. Chemical Society Reviews, 2017, 46, 797-815.	18.7	862
6	Polynuclear NiII and MnII azido bridging complexes. Structural trends and magnetic behavior. Coordination Chemistry Reviews, 1999, 193-195, 1027-1068.	9.5	802
7	High temperature sodium batteries: status, challenges and future trends. Energy and Environmental Science, 2013, 6, 734.	15.6	620
8	Towards Highâ€Safe Lithium Metal Anodes: Suppressing Lithium Dendrites via Tuning Surface Energy. Advanced Science, 2017, 4, 1600168.	5.6	399
9	High performance manganese-based layered oxide cathodes: overcoming the challenges of sodium ion batteries. Energy and Environmental Science, 2017, 10, 1051-1074.	15.6	397
10	From Charge Storage Mechanism to Performance: A Roadmap toward High Specific Energy Sodiumâ€Ion Batteries through Carbon Anode Optimization. Advanced Energy Materials, 2018, 8, 1703268.	10.2	396
11	Na_{0.67}Mn_{1â^'x}Mg_xO₂ (0 â‰¤ x â‰¤ 0.2): a high capacity cathode for sodium-ion batteries. Energy and Environmental Science, 2014, 7, 1387-1391.	15.6	394
12	A room-temperature sodiumâ€“sulfur battery with high capacity and stable cycling performance. Nature Communications, 2018, 9, 3870.	5.8	367
13	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	2.0	333
14	The Challenge To Relate the Physicochemical Properties of Colloidal Nanoparticles to Their Cytotoxicity. Accounts of Chemical Research, 2013, 46, 743-749.	7.6	330
15	In vivo integrity of polymer-coated gold nanoparticles. Nature Nanotechnology, 2015, 10, 619-623.	15.6	314
16	Structurally stable Mg-doped P2-Na_{2/3}Mn_{1â^'y}Mg_yO₂ sodium-ion battery cathodes with high rate performance: insights from electrochemical, NMR and diffraction studies. Energy and Environmental Science, 2016, 9, 3240-3251.	15.6	264
17	Naâ€Ion Batteries for Large Scale Applications: A Review on Anode Materials and Solid Electrolyte Interphase Formation. Advanced Energy Materials, 2017, 7, 1700463.	10.2	261
18	Hard Carbon as Sodiumâ€Ion Battery Anodes: Progress and Challenges. ChemSusChem, 2019, 12, 133-144.	3.6	257

#	Article	IF	Citations
19	Electrolytes and Interphases in Sodiumâ€Based Rechargeable Batteries: Recent Advances and Perspectives. Advanced Energy Materials, 2020, 10, 2000093.	10.2	254
20	Atomic-level energy storage mechanism of cobalt hydroxide electrode for pseudocapacitors. Nature Communications, 2017, 8, 15194.	5.8	250
21	Alternating Ferromagneticâ^'Antiferromagnetic Interactions in a Manganese(II)â^'Azido One-Dimensional Compound:â€‰ [Mn(bipy)(N3)2]. Inorganic Chemistry, 1997, 36, 677-683.	1.9	244
22	High Voltage Mg-Doped Na_{0.67}Ni_{0.3â€“x}Mg_xMn_{0.7}O₂ (x = 0.05, 0.1) Na-Ion Cathodes with Enhanced Stability and Rate Capability. Chemistry of Materials, 2016, 28, 5087-5094.	3.2	242
23	Naâ€Ion Batteriesâ€”Approaching Old and New Challenges. Advanced Energy Materials, 2020, 10, 2002055.	10.2	229
24	Chemically Induced Permanent Magnetism in Au, Ag, and Cu Nanoparticles:â€‰ Localization of the Magnetism by Element Selective Techniques. Nano Letters, 2008, 8, 661-667.	4.5	220
25	Electrode Materials for Sodium-Ion Batteries: Considerations on Crystal Structures and Sodium Storage Mechanisms. Electrochemical Energy Reviews, 2018, 1, 200-237.	13.1	213
26	High-Performance P2-Phase Na_{2/3}Mn_{0.8}Fe_{0.1}Ti_{0.1}O₂ Cathode Material for Ambient-Temperature Sodium-Ion Batteries. Chemistry of Materials, 2016, 28, 106-116.	3.2	192
27	Crystal chemistry of Na insertion/deinsertion in FePO4â€“NaFePO4. Journal of Materials Chemistry, 2012, 22, 17421.	6.7	189
28	A Stable Quasiâ€Solidâ€State Sodiumâ€“Sulfur Battery. Angewandte Chemie - International Edition, 2018, 57, 10168-10172.	7.2	178
29	[N(CH3)4][Mn(N3)3]: A Compound with a Distorted Perovskite Structure through Azido Ligands. Angewandte Chemie International Edition in English, 1996, 35, 78-80.	4.4	175
30	High voltage cathode materials for Na-ion batteries of general formula Na3V2O2x(PO4)2F3â^'2x. Journal of Materials Chemistry, 2012, 22, 22301.	6.7	174
31	Revitalising sodiumâ€“sulfur batteries for non-high-temperature operation: a crucial review. Energy and Environmental Science, 2020, 13, 3848-3879.	15.6	172
32	Composition and Evolution of the Solid-Electrolyte Interphase in Na₂Ti₃O₇ Electrodes for Na-Ion Batteries: XPS and Auger Parameter Analysis. ACS Applied Materials & Interfaces, 2015, 7, 7801-7808.	4.0	164
33	Recovery by hydrometallurgical extraction of the platinum-group metals from car catalytic converters. Minerals Engineering, 2011, 24, 505-513.	1.8	152
34	A versatile functionalized ionic liquid to boost the solution-mediated performances of lithium-oxygen batteries. Nature Communications, 2019, 10, 602.	5.8	138
35	A New Layered Inorganicâ^'Organic Hybrid Manganese(II) Phosphite:Â (C2H10N2)[Mn3(HPO3)4]. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. Chemistry of Materials, 2000, 12, 2092-2098.	3.2	137
36	Lithium and sodium ion capacitors with high energy and power densities based on carbons from recycled olive pits. Journal of Power Sources, 2017, 359, 17-26.	4.0	133

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37	Structural evolution and electrochemistry of monoclinic NaNiO2 uponÂthe first cycling process. Journal of Power Sources, 2014, 258, 266-271.	4.0	130
38	From Solidâ€Solution Electrodes and the Rockingâ€Chair Concept to Today's Batteries. Angewandte Chemie - International Edition, 2020, 59, 534-538.	7.2	124
39	Ferromagnetic Interactions in the First Bis(.mu.-end-on-azido)manganese(II) Dinuclear Compound: [Mn(terpy)(N3)2]2.cntdot.2H2O. Inorganic Chemistry, 1994, 33, 2697-2700.	1.9	122
40	Allâ€Solidâ€State Lithiumâ€Ion Batteries with Grafted Ceramic Nanoparticles Dispersed in Solid Polymer Electrolytes. ChemSusChem, 2015, 8, 3039-3043.	3.6	121
41	(C2H10N2)[Cr(HPO3)F3]: The First Organically Templated Fluorochromium(III) Phosphite. Angewandte Chemie - International Edition, 2002, 41, 3683-3685.	7.2	118
42	Two New Three-Dimensional Vanadium(III) and Iron(III) Phosphites Templated by Ethylenediamine:Â (C2H10N2)0.5[M(HPO3)2]. Ab Initio Structure Determination, Spectroscopic, and Magnetic Properties. Chemistry of Materials, 2002, 14, 2300-2307.	3.2	117
43	Structural evolution during sodium deintercalation/intercalation in Na_{2/3}[Fe_{1/2}Mn_{1/2}]O₂. Journal of Materials Chemistry A, 2015, 3, 6954-6961.	5.2	117
44	Synthesis and spectroscopic properties of copper(II) complexes derived from thiophene-2-carbaldehyde thiosemicarbazone. Structure and biological activity of [Cu(C6H6N3S2)2]. Journal of Inorganic Biochemistry, 1999, 75, 45-54.	1.5	113
45	A Dicubane-Like Tetrameric Nickel(II) Azido Complex. Angewandte Chemie - International Edition, 2000, 39, 344-347.	7.2	112
46	Electrochemical Na Extraction/Insertion of Na₃V₂O_{2x}(PO₄)₂F_{3â€“2x}. Chemistry of Materials, 2013, 25, 4917-4925.	8.2	112
47	Sodium Distribution and Reaction Mechanisms of a Na₃V₂O₂(PO₄)₂F Electrode during Use in a Sodium-Ion Battery. Chemistry of Materials, 2014, 26, 3391-3402.	3.2	112
48	Two-Dimensional Unilamellar Cation-Deficient Metal Oxide Nanosheet Superlattices for High-Rate Sodium Ion Energy Storage. ACS Nano, 2018, 12, 12337-12346.	7.3	111
49	Study of the Two-Dimensional [MMâ€˜(C3H2O4)2(H2O)4] (M = Ba, Sr and Mâ€˜ = Cu, Mn) Systems:Â Synthesis, Structure, Magnetic Properties, and Thermal Decomposition. Inorganic Chemistry, 1998, 37, 3243-3251.	1.9	107
50	Electrochemical characterization of NaFePO4 as positive electrode in aqueous sodium-ion batteries. Journal of Power Sources, 2015, 291, 40-45.	4.0	107
51	Crystal structure and magnetic properties of [Ni(terpy)(N3)2]2Â·2H2O, a nickel(II) dinuclear complex with ferromagnetic interaction. Inorganica Chimica Acta, 1990, 174, 263-269.	1.2	105
52	Challenges and perspectives on high and intermediate-temperature sodium batteries. Nano Research, 2017, 10, 4082-4114.	5.8	104
53	Development of asymmetric supercapacitors with titanium carbide-reduced graphene oxide couples as electrodes. Electrochimica Acta, 2018, 259, 752-761.	2.6	103
54	Polyolefinâ€Based Janus Separator for Rechargeable Sodium Batteries. Angewandte Chemie - International Edition, 2020, 59, 16725-16734.	7.2	102

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55	Origins of Bistability and Na Ion Mobility Difference in P2â€•and O3â€Na_{2/3}Fe_{2/3}Mn_{1/3}O₂ Cathode Polymorphs. Advanced Energy Materials, 2017, 7, 1601477.	10.2	101
56	An approach to overcome first cycle irreversible capacity in P2-Na2/3[Fe1/2Mn1/2]O2. Electrochemistry Communications, 2013, 37, 61-63.	2.3	100
57	Crystal Structure and Spectroscopic and Magnetic Properties of the Manganese(II) and Copper(II) Azidoâ^'Tetramethylammonium Systems. Inorganic Chemistry, 1999, 38, 4647-4652.	1.9	98
58	Synthesis and characterization of pure P2- and O3-Na_{2/3}Fe_{2/3}Mn_{1/3}O₂as cathode materials for Na ion batteries. Journal of Materials Chemistry A, 2014, 2, 18523-18530.	5.2	98
59	Rate Dependent Performance Related to Crystal Structure Evolution of Na_{0.67}Mn_{0.8}Mg_{0.2}O₂ in a Sodium-Ion Battery. Chemistry of Materials, 2015, 27, 6976-6986.	3.2	97
60	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.	15.6	97
61	The mechanism of NaFePO₄ (de)sodiation determined by in situ X-ray diffraction. Physical Chemistry Chemical Physics, 2014, 16, 8837-8842.	1.3	96
62	Synthesis, structural, spectroscopic and magnetic studies of two azido and thiocyanato nickel(II) dinuclear complexes with ferromagnetic interactions. Journal of the Chemical Society Dalton Transactions, 1992, , 2723-2728.	1.1	94
63	Synthesis, characterization, antitumoral and osteogenic activities of quercetin vanadyl(IV) complexes. Journal of Biological Inorganic Chemistry, 2006, 11, 791-801.	1.1	93
64	Conductive additive content balance in Li-ion battery cathodes: Commercial carbon blacks vs. in situ carbon from LiFePO4/C composites. Journal of Power Sources, 2010, 195, 7661-7668.	4.0	92
65	Structural Analysis and Magnetic Properties of the 1D and 3D Compounds [Mn(dca)2nbipym] (M = Mn,) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	91
66	Snâ€“ and SnO₂â€“graphene flexible foams suitable as binder-free anodes for lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 13402-13410.	5.2	91
67	Higher voltage plateau cubic Prussian White for Na-ion batteries. Journal of Power Sources, 2016, 324, 766-773.	4.0	91
68	Structural and magnetic properties ofLa0.7Pb0.3(Mn1â^'xFex)O3(0<~x<~0.3)giant magnetoresistance perovskites. Physical Review B, 2000, 61, 9028-9035.	1.1	90
69	Dicubane-like Tetrameric Cobalt(II)â^'Pseudohalide Ferromagnetic Clusters. Inorganic Chemistry, 2001, 40, 4550-4555.	1.9	90
70	Cu(terpy)X2 (X = Br-, NCS-): complexes with an unusual five-coordination. Structural and spectroscopic investigation. Inorganic Chemistry, 1988, 27, 2976-2981.	1.9	89
71	A synergistic exploitation to produce high-voltage quasi-solid-state lithium metal batteries. Nature Communications, 2021, 12, 5746.	5.8	89
72	Ion-Pair Charge-Transfer Complexes Based on (o-Phenylenebis(oxamato))cuprate(II) and Cyclic Diquaternary Cations of 1,10-Phenanthroline and 2,2â€˜-Bipyridine:â€‰ Synthesis, Crystal Structure, and Physical Properties. Inorganic Chemistry, 1998, 37, 6452-6460.	1.9	88

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73	Weak M(II)-Azide-4,4â€˜-Bipy Ferromagnets Based on Unusual Diamondoid (M = Mn) and 2D Arrays (M = Co,) Tj ETQq1 1 0.784314 rgB	1.9	88
74	Alternating Ferro- and Antiferromagnetic Interactions in Honeycomb-Like Layers of an Azidomanganese(II) Compound. Angewandte Chemie International Edition in English, 1996, 35, 1810-1812.	4.4	86
75	Sodiumâ€“Oxygen Battery: Steps Toward Reality. Journal of Physical Chemistry Letters, 2016, 7, 1161-1166.	2.1	86
76	Reviewâ€”Polymer Electrolytes for Sodium Batteries. Journal of the Electrochemical Society, 2020, 167, 070534.	1.3	86
77	Electrochemical performance of mixed valence Na3V2O2x(PO4)2F3â¯2x/C as cathode for sodium-ion batteries. Journal of Power Sources, 2013, 241, 56-60.	4.0	84
78	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.	1.9	83
79	Crystal Structure and Spectroscopic and Magnetic Properties of Two cis-Azido Catenas of Nickel(II): cis-catena-(.mu.-N3)[Ni(bipy)2](X) (X = ClO4, PF6). Inorganic Chemistry, 1994, 33, 4009-4015.	1.9	83
80	Biological activity of complexes derived from thiophene-2-carbaldehyde thiosemicarbazone. Crystal structure of [Ni(C6H6N3S2)2]. Journal of Inorganic Biochemistry, 2001, 86, 627-633.	1.5	82
81	A Coâ€•and Niâ€Free P2/O3 Biphasic Lithium Stabilized Layered Oxide for Sodiumâ€Ion Batteries and its Cycling Behavior. Advanced Functional Materials, 2020, 30, 2003364.	7.8	80
82	Synthetic strategy, magnetic and spectroscopic properties of the terpyridine complexes [Cu(terpy)X(H2O)n]Y (X = NCO, NCS or N3; n= 0 or 1; Y = NO3or PF6). Crystal structures of the azidenitrate and azidehexafluoro-phosphate. Journal of the Chemical Society Dalton Transactions, 1993, , 3685-3694.	1.1	79
83	Hydrothermal synthesis of a new layered inorganicâ€“organic hybrid cobalt(II) phosphite: (C2H10N2)[Co3(HPO3)4]. Solid State Sciences, 2001, 3, 331-336.	0.8	78
84	Organically templated open-framework phosphites. Journal of Materials Chemistry, 2009, 19, 3793.	6.7	78
85	Stable and Unstable Diglyme-Based Electrolytes for Batteries with Sodium or Graphite as Electrode. ACS Applied Materials & Interfaces, 2019, 11, 32844-32855.	4.0	77
86	Graphene-based technologies for energy applications, challenges and perspectives. 2D Materials, 2015, 2, 030204.	2.0	74
87	JeffamineÂ® based polymers as highly conductive polymer electrolytes and cathode binder materials for battery application. Journal of Power Sources, 2017, 347, 37-46.	4.0	74
88	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.	1.5	73
89	Vertically co-oriented two dimensional metal-organic frameworks for packaging enhanced supercapacitive performance. Communications Chemistry, 2018, 1, .	2.0	73
90	Layered P2â€“O3 sodium-ion cathodes derived from earth abundant elements. Journal of Materials Chemistry A, 2018, 6, 3552-3559.	5.2	73

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91	Reduced graphene oxide decorated with SnO2 nanoparticles as negative electrode for lithium ion capacitors. Electrochimica Acta, 2018, 284, 542-550.	2.6	73
92	A New Manganese(II) Phosphate Templated by Ethylenediamine:Â (C2H10N2)[Mn2(HPO4)3(H2O)]. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. Chemistry of Materials, 2000, 12, 376-382.	3.2	72
93	Magnetic properties of the LiMPO4 (M = Co, Ni) compounds. Journal of Magnetism and Magnetic Materials, 1996, 164, 251-255.	1.0	70
94	Hydrothermal Synthesis and Structural Characterization of the (CnH2n+6N2)[Mn3(HPO3)4] (n= 3â^'8) New Layered Inorganicâ^'Organic Hybrid Manganese(II) Phosphites. Crystal Structure and Spectroscopic and Magnetic Properties of (C3H12N2)[Mn3(HPO3)4]. Inorganic Chemistry, 2001, 40, 3476-3483.	1.9	70
95	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.	1.1	69
96	Crystallographic Evolution of P2 Na_{2/3}Fe_{0.4}Mn_{0.6}O₂ Electrodes during Electrochemical Cycling. Chemistry of Materials, 2016, 28, 6342-6354.	3.2	69
97	Carbodiimides: new materials applied as anode electrodes for sodium and lithium ion batteries. Journal of Materials Chemistry A, 2016, 4, 1608-1611.	5.2	69
98	Variations on Li3N protective coating using ex-situ and in-situ techniques for LiÂ° in sulphur batteries. Energy Storage Materials, 2017, 9, 141-149.	9.5	69
99	Alternating Ferro- and Antiferromagnetic Interactions in a MnII Chain with Alternating End-On and End-to-End Bridging Azido Ligands. Angewandte Chemie International Edition in English, 1995, 33, 2488-2489.	4.4	68
100	Biological activity of complexes derived from pyridine-2-carbaldehyde thiosemicarbazone. Journal of Inorganic Biochemistry, 2001, 84, 271-278.	1.5	68
101	Graphene-coffee waste derived carbon composites as electrodes for optimized lithium ion capacitors. Carbon, 2020, 162, 273-282.	5.4	68
102	Influence of Pseudohalide Ions on the Molecular Structure and Magnetic Properties of the Manganese(II)â^'Bipyrimidineâ^'Pseudohalide System. Inorganic Chemistry, 1997, 36, 5016-5021.	1.9	67
103	New freeze-drying method for LiFePO4 synthesis. Journal of Power Sources, 2007, 171, 879-885.	4.0	67
104	The Unique Structural Evolution of the O3â€Phase Na_{2/3}Fe_{2/3}Mn_{1/3}O₂ during High Rate Charge/Discharge: A Sodiumâ€€centred Perspective. Advanced Functional Materials, 2015, 25, 4994-5005.	7.8	66
105	Evidence of Desulfurization in the Oxidative Cyclization of Thiosemicarbazones. Conversion to 1,3,4-Oxadiazole Derivatives. Inorganic Chemistry, 2002, 41, 1345-1347.	1.9	65
106	Magnetostructural correlations in parallel square-planar chloride bridged copper(II) dimers: structure, dynamic nuclear magnetic resonance study, and magnetic properties of [Cu2(terpy)2Cl2][PF6]2. Journal of the Chemical Society Dalton Transactions, 1987, , 285.	1.1	63
107	New Insights into the Instability of Discharge Products in Naâ€“O₂ Batteries. ACS Applied Materials & Interfaces, 2016, 8, 20120-20127.	4.0	63
108	Spectroscopic and magnetic properties of copper(II) complexes derived from pyridine-2-carbaldehyde thiosemicarbazone. Structures of [Cu(NO3)(C7H8N4S)(H2O)](NO3) and [{Cu(NCS)(C7H7N4S)}2]. Polyhedron, 1999, 18, 3703-3711.	1.0	62

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109	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.	1.2	62
110	Electrochemical characterization of NaFe2(CN)6 Prussian Blue as positive electrode for aqueous sodium-ion batteries. Electrochimica Acta, 2016, 210, 352-357.	2.6	62
111	A ferromagnetic copper(II)-vanadium(IV) oxide .mu.-oxalato complex: crystallographic structure and spectroscopic and magnetic properties. Inorganic Chemistry, 1994, 33, 829-832.	1.9	61
112	Synthesis, structure, spectroscopic and magnetic properties of two copper(II) dimers containing pyridine-2-carbaldehyde thiosemicarbazonate (L), [{CuL(X)}2](X = Cl or Br). Journal of the Chemical Society Dalton Transactions, 1994, , 2233-2238.	1.1	60
113	Biological evaluation of morin and its new oxovanadium(IV) complex as antio-xidant and specific anti-cancer agents. Chemico-Biological Interactions, 2013, 206, 289-301.	1.7	59
114	Synthesis and magnetostructural characterization of two ferromagnetic nickel(II) dimers. Journal of the Chemical Society Dalton Transactions, 1999, , 2971-2976.	1.1	58
115	Structureâ€“Electrochemical Evolution of a Mn-Rich P2 Na_{2/3}Fe_{0.2}Mn_{0.8}O₂ Na-Ion Battery Cathode. Chemistry of Materials, 2017, 29, 7416-7423.	3.2	58
116	Toward Safe and Sustainable Batteries: Na₄Fe₃(PO₄)₂P₂O₇ as a Low-Cost Cathode for Rechargeable Aqueous Na-Ion Batteries. Journal of Physical Chemistry C, 2018, 122, 133-142.	1.5	58
117	Spectroscopic and magnetic properties of two ferromagnetically coupled nickel(II) dimers [{Ni(terpy)(NCX)2}2](terpy = 2,2â€² :6â€²,2â€³-terpyridine, X = S or Se). Crystal structure of the thiocyanate. Journal of the Chemical Society Dalton Transactions, 1991, , 1779-1783.	1.1	57
118	A New Alternating Ferro- and Antiferromagnetic, One-Dimensional Manganese(II) Azide Complex, [Mn(dpa)(N3)2] â^' Crystal Structure and Spectroscopic and Magnetic Properties. European Journal of Inorganic Chemistry, 2001, 2001, 1581-1586.	1.0	57
119	Spin-glass behavior in a three-dimensional antiferromagnet ordered phase: Magnetic structure ofCo2(OH)(PO4). Physical Review B, 2002, 66, .	1.1	57
120	Cation only conduction in new polymerâ€“SiO2 nanohybrids: Na+ electrolytes. Journal of Materials Chemistry A, 2013, 1, 8348.	5.2	57
121	Structural evolution of high energy density V³⁺/V⁴⁺ mixed valent Na₃V₂O_{2x}(PO₄)₂F_{3â^'2x} (x = 0.8) sodium vanadium fluorophosphate using in situ synchrotron X-ray powder diffraction. Journal of Materials Chemistry A, 2014, 2, 7766-7779.	5.2	57
122	Full-cell quinone/hydroquinone supercapacitors based on partially reduced graphite oxide and lignin/PEDOT electrodes. Journal of Materials Chemistry A, 2017, 5, 7137-7143.	5.2	57
123	Sodiumâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1800880.	10.2	56
124	Structural analysis and magnetic properties of the 1-D compounds [M(NCS)2bpa2] [Mâ€…=â€…Fe, Co, Ni and bpaâ€…=â€…1,2-bis(4-pyridyl)ethane]. Journal of the Chemical Society Dalton Transactions, 1999, , 1401-1406.	1.1	55
125	Investigation of the CuII/NCSâ^'/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(dpkÂ·CH3OH)]. European Journal of Inorganic Chemistry, 2001, 2001, 865-872.	1.0	55
126	Synthesis and Electrochemistry Study of P2- and O3-phase Na2/3Fe1/2Mn1/2O2. Electrochimica Acta, 2015, 182, 1029-1036.	2.6	55

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127	Highly Efficient, Cost Effective, and Safe Sodiation Agent for Highâ€Performance Sodiumâ€Ion Batteries. ChemSusChem, 2018, 11, 3286-3291.	3.6	55
128	Unraveling the role of Ti in the stability of positive layered oxide electrodes for rechargeable Na-ion batteries. Journal of Materials Chemistry A, 2019, 7, 14169-14179.	5.2	55
129	Hydrothermal Synthesis, Crystal Structures, Spectroscopic, and Magnetic Properties of Two New Organically Templated Monodimensional Phosphite Compounds:Â (C2H10N2)[M(HPO3)F3], M = V(III) and Cr(III). Chemistry of Materials, 2003, 15, 1204-1209.	3.2	54
130	Enhancement of the Luminescent Properties of a New Red-Emitting Phosphor, Mn₂(HPO₃)F₂, by Zn Substitution. Inorganic Chemistry, 2011, 50, 12463-12476.	1.9	54
131	Moisture exposed layered oxide electrodes as Na-ion battery cathodes. Journal of Materials Chemistry A, 2016, 4, 18963-18975.	5.2	54
132	Redox mediators: a shuttle to efficacy in metalâ€“O₂ batteries. Journal of Materials Chemistry A, 2019, 7, 8746-8764.	5.2	54
133	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.	2.2	53
134	Electrolyte Additives for Roomâ€Temperature, Sodiumâ€Based, Rechargeable Batteries. Chemistry - an Asian Journal, 2018, 13, 2770-2780.	1.7	53
135	Synthesis and spectroscopic properties of two pyridine-2-carbaldehyde thiosemicarbazonecopper(II) compounds: [CuX2(C7H8N4S)]Â·H2O (X = Br, Cl). Crystal structure of the bromo complex. Inorganica Chimica Acta, 1996, 249, 25-32.	1.2	52
136	Antioxidant, DNA cleavage, and cellular effects of silibinin and a new oxovanadium(IV)/silibinin complex. Journal of Biological Inorganic Chemistry, 2011, 16, 653-668.	1.1	51
137	Weakly(x=0)and randomly(x=0.033)coupled Ising antiferromagnetic planes in(Li1â^'3xFex)NiPO4compounds. Physical Review B, 1999, 60, 1100-1110.	1.1	50
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