

# Marie-Liesse Doublet

## List of Publications by Year in descending order

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114  
papers

9,440  
citations

71102

41  
h-index

37204

96  
g-index

122  
all docs

122  
docs citations

122  
times ranked

8708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible anionic redox chemistry in high-capacity layered-oxide electrodes. <i>Nature Materials</i> , 2013, 12, 827-835.	27.5	1,192
2	Origin of voltage decay in high-capacity layered oxide electrodes. <i>Nature Materials</i> , 2015, 14, 230-238.	27.5	757
3	Visualization of O-O peroxy-like dimers in high-capacity layered oxides for Li-ion batteries. <i>Science</i> , 2015, 350, 1516-1521.	12.6	659
4	Mixed-Valence Li/Fe-Based Metal-Organic Frameworks with Both Reversible Redox and Sorption Properties. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3259-3263.	13.8	583
5	The intriguing question of anionic redox in high-energy density cathodes for Li-ion batteries. <i>Energy and Environmental Science</i> , 2016, 9, 984-991.	30.8	453
6	Activation of surface oxygen sites on an iridium-based model catalyst for the oxygen evolution reaction. <i>Nature Energy</i> , 2017, 2, .	39.5	435
7	High Performance Li <sub>2</sub> Ru <sub>1</sub> Mn <sub>2</sub> O <sub>3</sub> (0.2 at%) Tj ETQq1 1 0.7843 Chemistry of Materials, 2013, 25, 1121-1131.	6.7	365
8	Unified picture of anionic redox in Li/Na-ion batteries. <i>Nature Materials</i> , 2019, 18, 496-502.	27.5	335
9	A 3.90 V iron-based fluorosulphate material for lithium-ion batteries crystallizing in the triplite structure. <i>Nature Materials</i> , 2011, 10, 772-779.	27.5	301
10	Evidence for anionic redox activity in a tridimensional-ordered Li-rich positive electrode $\text{Li}_2\text{Li}_2\text{IrO}_3$ . <i>Nature Materials</i> , 2017, 16, 580-586.	27.5	290
11	Requirements for reversible extra-capacity in Li-rich layered oxides for Li-ion batteries. <i>Energy and Environmental Science</i> , 2017, 10, 266-274.	30.8	269
12	Electrochemical Reactivity and Design of NiP <sub>2</sub> Negative Electrodes for Secondary Li-Ion Batteries. <i>Chemistry of Materials</i> , 2005, 17, 6327-6337.	6.7	229
13	FeP: Another Attractive Anode for the Li-Ion Battery Enlisting a Reversible Two-Step Insertion/Conversion Process. <i>Chemistry of Materials</i> , 2006, 18, 3531-3538.	6.7	181
14	Unlocking anionic redox activity in O <sub>3</sub> -type sodium 3d layered oxides via Li substitution. <i>Nature Materials</i> , 2021, 20, 353-361.	27.5	155
15	Approaching the limits of cationic and anionic electrochemical activity with the Li-rich layered rocksalt Li <sub>3</sub> IrO <sub>4</sub> . <i>Nature Energy</i> , 2017, 2, 954-962.	39.5	138
16	Strong Oxygen Participation in the Redox Governing the Structural and Electrochemical Properties of Na-Rich Layered Oxide Na <sub>2</sub> IrO <sub>3</sub> . <i>Chemistry of Materials</i> , 2016, 28, 8278-8288.	6.7	132
17	A Chemical Approach to Raise Cell Voltage and Suppress Phase Transition in O <sub>3</sub> Sodium Layered Oxide Electrodes. <i>Advanced Energy Materials</i> , 2018, 8, 1702599.	19.5	127
18	Electrical Conductivity and Spin Crossover: A New Achievement with a Metal Bis Dithiolene Complex. <i>Inorganic Chemistry</i> , 2007, 46, 8548-8559.	4.0	104

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19	Thermodynamic origin of dendrite growth in metal anode batteries. <i>Energy and Environmental Science</i> , 2020, 13, 5186-5197.	30.8	101
20	Updated references for the structural, electronic, and vibrational properties of TiO <sub>2</sub> (B) bulk using first-principles density functional theory calculations. <i>Journal of Chemical Physics</i> , 2009, 130, 204501.	3.0	99
21	Li <sub>4</sub> NiTeO <sub>6</sub> as a positive electrode for Li-ion batteries. <i>Chemical Communications</i> , 2013, 49, 11376.	4.1	96
22	The Structural Stability of P2-Layered Na-Based Electrodes during Anionic Redox. <i>Joule</i> , 2020, 4, 420-434.	24.0	89
23	Origin of the Voltage Hysteresis in the CoP Conversion Material for Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2013, 117, 837-849.	3.1	87
24	Design of Electrode Materials for Lithium-Ion Batteries: The Example of Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9518-9527.	3.1	82
25	Charge Transfer Band Gap as an Indicator of Hysteresis in Li-Disordered Rock Salt Cathodes for Li-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2019, 141, 11452-11464.	13.7	81
26	Correlating ligand-to-metal charge transfer with voltage hysteresis in a Li-rich rock-salt compound exhibiting anionic redox. <i>Nature Chemistry</i> , 2021, 13, 1070-1080.	13.6	75
27	P-Redox Mechanism at the Origin of the High Lithium Storage in NiP <sub>2</sub> -Based Batteries. <i>Chemistry of Materials</i> , 2009, 21, 298-308.	6.7	71
28	Electrolyte Reactivity in the Double Layer in Mg Batteries: An Interface Potential-Dependent DFT Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 5146-5153.	13.7	71
29	Interface electrochemistry in conversion materials for Li-ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 10134.	6.7	66
30	Redox-Induced Structural Change in Anode Materials Based on Tetrahedral (MPn <sub>4</sub> ) <sub>x</sub> - Transition Metal Pnictides. <i>Chemistry of Materials</i> , 2004, 16, 1002-1013.	6.7	63
31	The Mechanism of Acetylene Cyclotrimerization Catalyzed by the fac-IrP <sub>3</sub> <sup>+</sup> Fragment: The Relationship between Fluxionality and Catalysis. <i>Organometallics</i> , 1994, 13, 2010-2023.	2.3	62
32	The Li <sub>x</sub> VPn <sub>4</sub> Ternary Phases (Pn = P, As): Rigid Networks for Lithium Intercalation/Deintercalation. <i>Chemistry of Materials</i> , 2002, 14, 4126-4133.	6.7	61
33	Origin of the 3.6 V to 3.9 V voltage increase in the LiFeSO <sub>4</sub> F cathodes for Li-ion batteries. <i>Energy and Environmental Science</i> , 2012, 5, 9584.	30.8	58
34	Electrochemical Behaviors of Binary and Ternary Manganese Phosphides. <i>Chemistry of Materials</i> , 2005, 17, 5817-5823.	6.7	57
35	An ab initio study of surface electrochemical disproportionation: The case of a water monolayer adsorbed on a Pd(111) surface. <i>Catalysis Today</i> , 2013, 202, 87-97.	4.4	55
36	Fell/Fell <sup>II</sup> mixed-valence state induced by Li-insertion into the metal-organic-framework Mil53(Fe): A DFT+U study. <i>Journal of Power Sources</i> , 2011, 196, 3426-3432.	7.8	51

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37	The Li <sub>x</sub> MPn <sub>4</sub> phases (M/Pn = Ti/P, V/As): new negative electrode materials for lithium ion rechargeable batteries. <i>Electrochimica Acta</i> , 2004, 49, 2325-2332.	5.2	49
38	Redox mechanism in the binary transition metal phosphide Cu <sub>3</sub> P. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1252-1257.	4.0	47
39	Direct Correlation between the <sup>31</sup> P MAS NMR Response and the Electronic Structure of Some Transition Metal Phosphides. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20481-20490.	3.1	47
40	Reversible Li-Intercalation through Oxygen Reactivity in Li-Rich Li-Fe-Te Oxide Materials. <i>Journal of the Electrochemical Society</i> , 2015, 162, A1341-A1351.	2.9	47
41	Synthesis, Crystal Structure, Electrical Properties and Electronic Band Structure of (NH <sub>4</sub> Me <sub>4</sub> ) <sub>x</sub> [M(dmit) <sub>2</sub> ] Complexes (M = Ni, Pd, Pt; dmit <sub>2</sub> = 2-Thioxo-1,3-dithiole-4,5-dithiolato). <i>Inorganic Chemistry</i> , 1994, 33, 3401-3414.	4.0	42
42	Zn <sub>0.35</sub> Co <sub>0.65</sub> O: A Stable and Highly Active Oxygen Evolution Catalyst Formed by Zinc Leaching and Tetrahedral Coordinated Cobalt in Wurtzite Structure. <i>Advanced Energy Materials</i> , 2019, 9, 1900328.	19.5	41
43	The Ir <sup>IV</sup> transition state and the mechanism of the oxygen evolution reaction on IrO <sub>2</sub> (110). <i>Energy and Environmental Science</i> , 2022, 15, 2519-2528.	30.8	40
44	An intuitive and efficient method for cell voltage prediction of lithium and sodium-ion batteries. <i>Nature Communications</i> , 2014, 5, 5559.	12.8	39
45	Phase Diagrams for Systems with Low Free Energy Variation: A Coupled Theory/Experiments Method Applied to Li-Graphite. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3982-3988.	3.1	37
46	Origin of the Voltage Hysteresis of MgH <sub>2</sub> Electrodes in Lithium Batteries. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17044-17052.	3.1	37
47	Single-Step Synthesis of FeSO <sub>4</sub> ·F·OH (0 < i> < /i> Tj ETQq1 1 0,78431	6.7	35
48	Leading interactions in the SrV <sub>6</sub> O <sub>15</sub> compound. <i>Physical Review B</i> , 2005, 71, .	3.2	34
49	Structural, magnetic and redox properties of a new cathode material for Li-ion batteries: the iron-based metal organic framework. <i>Ionics</i> , 2008, 14, 279-283.	2.4	34
50	On the Reactivity of Li <sub>8-y</sub> MnyP <sub>4</sub> toward Lithium. <i>Chemistry of Materials</i> , 2005, 17, 3627-3635.	6.7	33
51	Reversible Sodium and Lithium Insertion in Iron Fluoride Perovskites. <i>Advanced Functional Materials</i> , 2018, 28, 1802057.	14.9	33
52	Interplay between Magnetic and Orbital Ordering in the Strongly Correlated Cobalt Oxide: A DFT Study. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21750-21756.	3.1	32
53	Conceptual Surface Electrochemistry and New Redox Descriptors. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19023-19031.	3.1	31
54	Li <sub>2</sub> Cu <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> : a Possible Electrode for Sustainable Li-Based Batteries Showing a 4.7 V Redox Activity vs Li <sup>+</sup> /Li <sup>0</sup> . <i>Chemistry of Materials</i> , 2015, 27, 3077-3087.	6.7	31

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55	Electronic Structure of the $\alpha$ -(BEDT-TTF) $_2$ MHg(XCN) $_4$ (M = Tl, Tl) Tj ETQq1 1 0.784314	1.2	30
56	Organic Metal $\alpha$ -(BEDT-TTF) $_2$ TlHg(Se) $_m$ Tj ETQq1 1 0.784314	1.2	30
56	Electrochemical Mg alloying properties along the Sb <sub>1-x</sub> Bi <sub>x</sub> solid solution. <i>Electrochimica Acta</i> , 2018, 259, 276-283.	5.2	30
57	Density functional theory analysis of the local chemical bonds in the periodic tantalum dichalcogenides TaX <sub>2</sub> (X = S, Se, Te). <i>Journal of Chemical Physics</i> , 2000, 113, 5879-5890.	3.0	29
58	A New Family of Molecular Metals Based on Bis(ethylenethio)tetrathiafulvalene (BET-TTF) and Octahedral Counterions. <i>Chemistry of Materials</i> , 1995, 7, 1558-1567.	6.7	28
59	Activation of anionic redox in d <sup>0</sup> transition metal chalcogenides by anion doping. <i>Nature Communications</i> , 2021, 12, 5485.	12.8	26
60	Factors affecting the metallic versus semiconducting properties of charge transfer salts containing [M(dddt) <sub>2</sub> ] <sub>2</sub> and [M(dmit) <sub>2</sub> ] <sub>2</sub> (M = Pd, Pt) dimers. <i>Solid State Communications</i> , 1993, 88, 699-703.	1.9	25
61	Anion Conformation and Physical Properties in BETS Salts with the Nitroprusside Anion and its Related Ruthenium Halide (X = Cl, Br) Mononitrosyl Complexes: $\lambda$ -(BETS) <sub>4</sub> [Fe(CN) <sub>5</sub> NO], (BETS) <sub>2</sub> [RuBr <sub>5</sub> NO], and (BETS) <sub>2</sub> [RuCl <sub>5</sub> NO]. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2797.	2.0	25
62	Competition between Metal Dissolution and Gas Release in Li-Rich Li <sub>3</sub> Ru <sub>4</sub> Ir <sub>4</sub> O <sub>4</sub> Model Compounds Showing Anionic Redox. <i>Chemistry of Materials</i> , 2018, 30, 7682-7690.	6.7	25
63	Concerning the first-order transition in the $\beta$ -phase (BEDT-TTF) <sub>4</sub> PtCl <sub>6</sub> · C <sub>6</sub> H <sub>5</sub> CN. <i>Journal De Physique</i> , I, 1994, 4, 1479-1490.	1.2	24
64	New Insights on the Reversible Lithiation Mechanism of TiO <sub>2</sub> (B) by Operando X-ray Absorption Spectroscopy and X-ray Diffraction Assisted by First-Principles Calculations. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27210-27218.	3.1	23
65	A <sub>2</sub> VO(SO <sub>4</sub> ) <sub>2</sub> (A = Li, Na) as Electrodes for Li-Ion and Na-Ion Batteries. <i>Chemistry of Materials</i> , 2016, 28, 6637-6643.	6.7	22
66	Influence of polymorphism on the electrochemical behavior of M <sub>2</sub> Sb negative electrodes in Li/Na batteries. <i>Journal of Power Sources</i> , 2015, 280, 695-702.	7.8	21
67	The Electrochemical Sodiation of Sb Investigated by Operando X-ray Absorption and <sup>121</sup> Sb Mössbauer Spectroscopy: What Does One Really Learn?. <i>Batteries</i> , 2018, 4, 25.	4.5	20
68	Unexpected band gap increase in the Fe <sub>2</sub> VAl Heusler compound. <i>Materials Today Physics</i> , 2020, 13, 100203.	6.0	20
69	Progress in the lithium insertion mechanism in Cu <sub>3</sub> P. <i>Ionics</i> , 2005, 11, 36-45.	2.4	19
70	Determination of Lithium Insertion Sites in Li <sub>x</sub> TiP <sub>4</sub> (x = 2/11) by Electron Energy-Loss Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3996-4002.	3.1	19
71	Palladium-Silver Mesowires for the Extended Detection of H <sub>2</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 310-318.	8.0	18
72	Structure-Property Correlations in the Platinum Oxide and Palladium Sulfide Bronzes with Columnar Chains of Square-Planar TX <sub>4</sub> Units (T = Pt, X = O; T = Pd, X = S). <i>Journal of the American Chemical Society</i> , 1994, 116, 2115-2120.	13.7	17

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73	Metallic conductivity in a disordered charge-transfer salt derived from cis-BET-TTF. <i>Synthetic Metals</i> , 1997, 86, 2145-2146.	3.9	16
74	An Oxysulfate Fe <sub>2</sub> O(SO <sub>4</sub> ) <sub>2</sub> Electrode for Sustainable Li-Based Batteries. <i>Journal of the American Chemical Society</i> , 2014, 136, 12658-12666.	13.7	16
75	Unveiling Pseudocapacitive Charge Storage Behavior in FeWO <sub>4</sub> Electrode Material by Operando X-ray Absorption Spectroscopy. <i>Small</i> , 2020, 16, e2002855.	10.0	16
76	The electrochemical activity of the nitrosyl ligand in copper nitroprusside: a new possible redox mechanism for lithium battery electrode materials?. <i>Electrochimica Acta</i> , 2017, 257, 364-371.	5.2	15
77	Electrostatic Interactions versus Second Order Jahn-Teller Distortion as the Source of Structural Diversity in Li <sub>3</sub> MO <sub>4</sub> Compounds (M = Ru, Nb, Sb and Ta). <i>Chemistry of Materials</i> , 2018, 30, 392-402.	6.7	15
78	Atomic Structure of 2 nm Size Metallic Cobalt Prepared by Electrochemical Conversion: An in Situ Pair Distribution Function Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23861-23866.	3.1	14
79	H <sub>2</sub> O photodissociation dynamics based on potential energy surfaces from density functional calculations. <i>Journal of Chemical Physics</i> , 1995, 103, 2538-2547.	3.0	13
80	Elucidation of Active Oxygen Sites upon Delithiation of Li <sub>3</sub> IrO <sub>4</sub> . <i>ACS Energy Letters</i> , 2021, 6, 140-147.	17.4	12
81	Structural and electronic properties of the molecular conductors (EDTTF) <sub>x</sub> [Pd(dmit) <sub>2</sub> ] <sub>y</sub> (x:y=2:3 and Tj ETQq1 1 0,784314 rgBT /Over	1.8	11
82	A new theoretical approach for the electrical properties of TiX <sub>2</sub> (X=S, Se, Te) phases with density functional calculations. <i>Journal of Chemical Physics</i> , 1998, 108, 649-658.	3.0	11
83	Lithium insertion/deinsertion mechanisms in the transition metal pnictides Li <sub>x</sub> MPn <sub>4</sub> . <i>Ionics</i> , 2003, 9, 56-63.	2.4	9
84	A Fully Ordered Triplite, LiCuSO <sub>4</sub> F. <i>Chemistry of Materials</i> , 2016, 28, 1607-1610.	6.7	9
85	Stacking Versatility in Alkali-Mixed Honeycomb Layered NaKNi <sub>2</sub> TeO <sub>6</sub> . <i>Inorganic Chemistry</i> , 2021, 60, 14310-14317.	4.0	9
86	Advancement of the Homogeneous Background Method for the Computational Simulation of Electrochemical Interfaces. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 1883-1893.	5.3	9
87	Comparison of the electronic structures of isostructural (BEDT-TTF) <sub>3</sub> (HSO <sub>4</sub> ) <sub>2</sub> and [Ni(dddt) <sub>2</sub> ] <sub>3</sub> (HSO <sub>4</sub> ) <sub>2</sub> molecular metals. <i>Journal De Physique, I</i> , 1994, 4, 1439-1450.	1.2	8
88	Synthesis, electrical behaviour, and crystal and electronic band structures of two different phases of the (SMeEt <sub>2</sub> ) <sub>2</sub> [Pd(dmit) <sub>2</sub> ] <sub>2</sub> salt. Consequences of cationic disorder on the electrical properties. <i>Journal of Materials Chemistry</i> , 2001, 11, 2205-2210.	6.7	8
89	Redox mechanism in the NiP <sub>2</sub> electrode for Li-ion batteries: A DFT study coupled with local chemical bond analyses. <i>Ionics</i> , 2008, 14, 197-202.	2.4	8
90	Chemical Activity of the Peroxide/Oxide Redox Couple: Case Study of Ba <sub>5</sub> Ru <sub>2</sub> O <sub>11</sub> in Aqueous and Organic Solvents. <i>Chemistry of Materials</i> , 2018, 30, 3882-3893.	6.7	8

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91	New p-type Al-substituted SrSnO <sub>3</sub> perovskites for TCO applications?. Chemical Communications, 2020, 56, 2566-2569.	4.1	7
92	Investigation of alkali and alkaline earth solvation structures in tetraglyme solvent. Physical Chemistry Chemical Physics, 2021, 23, 26120-26129.	2.8	7
93	Inhibited superconductivity induced by localization effects in (EDT-TTF) <sub>2</sub> [Pd(dmit) <sub>2</sub> ] <sub>2</sub> . Synthetic Metals, 1993, 56, 2833-2838.	3.9	6
94	Correlation and dimerization effects on the physical behavior of the NR <sub>4</sub> [Ni(dmit) <sub>2</sub> ] <sub>2</sub> charge transfer salts: A density matrix renormalization group study of the quarter-filling t <sup>4</sup> model. Journal of Chemical Physics, 1999, 110, 1767-1773.	3.0	6
95	Electronic properties of isostructural organic conductors (ET) <sub>3</sub> (HSO <sub>4</sub> ) <sub>2</sub> and [Ni(dddt) <sub>2</sub> ] <sub>3</sub> (HSO <sub>4</sub> ) <sub>2</sub> . Thermopower and tight-binding calculations. Synthetic Metals, 1995, 71, 1867-1868.	3.9	5
96	Comparison of the electronic structures of the BEDT-TTF <sub>4</sub> [M(CN) <sub>4</sub> ] (M = Ni, Pt) and BEDT-TTF <sub>4</sub> [M(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ] (M = Pt, Cu) salts. Structural requirements for hidden Fermi surface nesting. Journal De Physique, I, 1993, 3, 2451-2461.	1.2	5
97	Interplay between structural, magnetic properties and calculated band structures of (EDT-TTF) <sub>2</sub> [M(dmit) <sub>2</sub> ] <sub>2</sub> where M = Ni, Pd. Synthetic Metals, 1995, 70, 1063-1064.	3.9	4
98	Magneto-resistance in pulsed fields, band structure calculations and charge-density wave instability in (TSeT) <sub>2</sub> Cl. Synthetic Metals, 1995, 70, 1279-1280.	3.9	4
99	Why has 1T-TaTe <sub>2</sub> not yet been synthesized? A DFT contribution.. Synthetic Metals, 1999, 103, 2679-2682.	3.9	3
100	Crystal structure, band structure and electrical properties of $\hat{\Gamma}_2$ -(BEDT-TTF) <sub>2</sub> SbF <sub>6</sub> grown on a Si(001) electrode. Synthetic Metals, 2010, 160, 556-560.	3.9	3
101	Access to Ru(IV) $\leftrightarrow$ Ru(V) and Ru(V) $\leftrightarrow$ Ru(VI) Redox in Layered Li <sub>7</sub> RuO <sub>6</sub> via Intercalation Reactions. Chemistry of Materials, 2022, 34, 3724-3735.	6.7	3
102	Effect of the cooling rate on the transverse magneto-resistance of (TSeT) <sub>2</sub> Cl in its charge-density wave ground state. Physica B: Condensed Matter, 1995, 211, 286-289.	2.7	2
103	Similarities between the t-J and Hubbard models in weakly correlated regimes. European Physical Journal B, 2002, 28, 49-54.	1.5	2
104	Atomistic Modeling of Electrode Materials for Li-Ion Batteries: From Bulk to Interfaces. Green Energy and Technology, 2016, , 1-36.	0.6	2
105	Structure and properties of BETS salts: $\hat{\Gamma}_2$ -(BETS) <sub>8</sub> (Cu <sub>2</sub> Cl <sub>6</sub> )(CuCl <sub>4</sub> ), $\hat{\Gamma}_1$ -(BETS) <sub>2</sub> (CuCl <sub>2</sub> ) and (BETS) <sub>2</sub> (CuCl <sub>4</sub> ). Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry, 2001, 4, 149-160.	0.1	1
106	New salts derived from organic donor molecules with long-living excited states counter-ions. Synthetic Metals, 2003, 133-134, 377-380.	3.9	1
107	(BETS) <sub>2</sub> [RuX <sub>5</sub> NO] (X=Cl, Br): an explanation of different conductive properties through structural and spectroscopic studies. Journal of Low Temperature Physics, 2006, 142, 445-448.	1.4	1
108	Chemical Design of IrS <sub>2</sub> Polymorphs to Understand the Charge/Discharge Asymmetry in Anionic Redox Systems. Chemistry of Materials, 2022, 34, 325-336.	6.7	1

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109	Quantitative on-site repulsion U for the Ni(dmit) <sub>2</sub> molecule: A DMRG study of the NR <sub>4</sub> [Ni(dmit) <sub>2</sub> ] <sub>2</sub> salts. <i>Synthetic Metals</i> , 1999, 103, 2062-2063.	3.9	0
110	The Li <sub>x</sub> VPn <sub>4</sub> Ternary Phases (Pn: P, As): Rigid Networks for Lithium Intercalation/Deintercalation.. <i>ChemInform</i> , 2003, 34, no-no.	0.0	0
111	Redox-Induced Structural Change in Anode Materials Based on Tetrahedral (MPn <sub>4</sub> ) <sub>x</sub> - Transition Metal Pnictides.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
112	On the Reactivity of Li <sub>8-y</sub> MnyP <sub>4</sub> Toward Lithium.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
113	(BETS) <sub>2</sub> [RuX <sub>5</sub> NO] (X = Cl, Br): An Explanation of Different Conductive Properties Through Structural and Spectroscopic Studies. <i>Journal of Low Temperature Physics</i> , 2006, 142, 449-452.	1.4	0
114	Electrochemical Behaviors of Binary and Ternary Manganese Phosphides.. <i>ChemInform</i> , 2006, 37, no.	0.0	0