

# Marie-Liesse Doublet

## List of Publications by Citations

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110  
papers

7,364  
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37  
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85  
g-index

122  
ext. papers

8,393  
ext. citations

11.1  
avg, IF

6.01  
L-index

#	Paper	IF	Citations
110	Reversible anionic redox chemistry in high-capacity layered-oxide electrodes. <i>Nature Materials</i> , <b>2013</b> , 12, 827-35	27	969
109	Origin of voltage decay in high-capacity layered oxide electrodes. <i>Nature Materials</i> , <b>2015</b> , 14, 230-8	27	612
108	Mixed-valence li/fe-based metal-organic frameworks with both reversible redox and sorption properties. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 3259-63	16.4	518
107	Visualization of O-O peroxo-like dimers in high-capacity layered oxides for Li-ion batteries. <i>Science</i> , <b>2015</b> , 350, 1516-21	33.3	514
106	The intriguing question of anionic redox in high-energy density cathodes for Li-ion batteries. <i>Energy and Environmental Science</i> , <b>2016</b> , 9, 984-991	35.4	346
105	High Performance Li <sub>2</sub> Ru <sub>1-x</sub> MnyO <sub>3</sub> (0.2 ≤ x ≤ 0.8) Cathode Materials for Rechargeable Lithium-Ion Batteries: Their Understanding. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 1121-1131	9.6	320
104	A 3.90 V iron-based fluorosulphate material for lithium-ion batteries crystallizing in the triplite structure. <i>Nature Materials</i> , <b>2011</b> , 10, 772-9	27	279
103	Activation of surface oxygen sites on an iridium-based model catalyst for the oxygen evolution reaction. <i>Nature Energy</i> , <b>2017</b> , 2,	62.3	274
102	Evidence for anionic redox activity in a tridimensional-ordered Li-rich positive electrode $\text{Li}_x\text{Li}_2\text{IrO}_6$ . <i>Nature Materials</i> , <b>2017</b> , 16, 580-586	27	234
101	Electrochemical Reactivity and Design of NiP <sub>2</sub> Negative Electrodes for Secondary Li-Ion Batteries. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 6327-6337	9.6	209
100	Unified picture of anionic redox in Li/Na-ion batteries. <i>Nature Materials</i> , <b>2019</b> , 18, 496-502	27	206
99	Requirements for reversible extra-capacity in Li-rich layered oxides for Li-ion batteries. <i>Energy and Environmental Science</i> , <b>2017</b> , 10, 266-274	35.4	192
98	FeP: Another Attractive Anode for the Li-Ion Battery Enlisting a Reversible Two-Step Insertion/Conversion Process. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 3531-3538	9.6	165
97	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> , <b>2017</b> , 2, 954-962	62.3	108
96	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> , <b>2016</b> , 28, 8278-8288	9.6	98
95	Electrical conductivity and spin crossover: a new achievement with a metal bis dithiolene complex. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8548-59	5.1	96
94	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> , <b>2009</b> , 130, 204501	3.9	94

93	A Chemical Approach to Raise Cell Voltage and Suppress Phase Transition in O3 Sodium Layered Oxide Electrodes. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702599	21.8	77
92	Origin of the Voltage Hysteresis in the CoP Conversion Material for Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 837-849	3.8	76
91	Design of Electrode Materials for Lithium-Ion Batteries: The Example of Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 9518-9527	3.8	75
90	Li(4)NiTeO(6) as a positive electrode for Li-ion batteries. <i>Chemical Communications</i> , <b>2013</b> , 49, 11376-8	5.8	71
89	P-Redox Mechanism at the Origin of the High Lithium Storage in NiP2-Based Batteries. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 298-308	9.6	66
88	Interface electrochemistry in conversion materials for Li-ion batteries. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 10134		61
87	Redox-Induced Structural Change in Anode Materials Based on Tetrahedral (MPn4)x- Transition Metal Pnictides. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 1002-1013	9.6	57
86	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> , <b>2002</b> , 14, 4126-4133	9.6	56
85	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> , <b>2012</b> , 5, 9584	35.4	54
84	Electrochemical Behaviors of Binary and Ternary Manganese Phosphides. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 5817-5823	9.6	54
83	An ab initio study of surface electrochemical disproportionation: The case of a water monolayer adsorbed on a Pd(111) surface. <i>Catalysis Today</i> , <b>2013</b> , 202, 87-97	5.3	52
82	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> , <b>2019</b> , 141, 11452-11464	16.4	51
81	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> , <b>1994</b> , 13, 2010-2023	3.8	50
80	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> , <b>2004</b> , 49, 2325-2332	6.7	49
79	The Structural Stability of P2-Layered Na-Based Electrodes during Anionic Redox. <i>Joule</i> , <b>2020</b> , 4, 420-434	7.8	47
78	Unlocking anionic redox activity in O3-type sodium 3d layered oxides via Li substitution. <i>Nature Materials</i> , <b>2021</b> , 20, 353-361	27	47
77	FeII/FeIII mixed-valence state induced by Li-insertion into the metal-organic-framework Mil53(Fe): A DFT+U study. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 3426-3432	8.9	46
76	Direct Correlation between the 31P MAS NMR Response and the Electronic Structure of Some Transition Metal Phosphides. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 20481-20490	3.8	44

75	Redox mechanism in the binary transition metal phosphide Cu <sub>3</sub> P. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 1252-1257	3.9	43
74	Synthesis, Crystal Structure, Electrical Properties and Electronic Band Structure of (NH <sub>4</sub> Me <sub>4</sub> -y) <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> , <b>1994</b> , 33, 3401-3414	5.1	38
73	Reversible Li-Intercalation through Oxygen Reactivity in Li-Rich Li-Fe-Te Oxide Materials. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, A1341-A1351	3.9	36
72	Origin of the Voltage Hysteresis of MgH <sub>2</sub> Electrodes in Lithium Batteries. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 17044-17052	3.8	35
71	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> , <b>2008</b> , 112, 3982-3988	3.8	35
70	Thermodynamic origin of dendrite growth in metal anode batteries. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 5186-5197	35.4	35
69	Electrolyte Reactivity in the Double Layer in Mg Batteries: An Interface Potential-Dependent DFT Study. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 5146-5153	16.4	33
68	An intuitive and efficient method for cell voltage prediction of lithium and sodium-ion batteries. <i>Nature Communications</i> , <b>2014</b> , 5, 5559	17.4	33
67	Leading interactions in the BrV6O15 compound. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	33
66	Single-Step Synthesis of FeSO <sub>4</sub> F <sub>1-x</sub> OH <sub>y</sub> (0 ≤ x ≤ 1) Positive Electrodes for Li-Based Batteries. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 1472-1485	9.6	31
65	Structural, magnetic and redox properties of a new cathode material for Li-ion batteries: the iron-based metal organic framework. <i>Ionics</i> , <b>2008</b> , 14, 279-283	2.7	31
64	On the Reactivity of Li <sub>8-y</sub> MnyP <sub>4</sub> toward Lithium. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 3627-3635	9.6	31
63	Electronic Structure of the $\alpha$ -(BEDT-TTF) <sub>2</sub> MHg(XCN) <sub>4</sub> (M = Tl, K, NH <sub>4</sub> ; X = S, Se) and Related Phases. Synthesis and Crystal Structure of the New Stable Organic Metal $\alpha$ -(BEDT-TTF) <sub>2</sub> TlHg(Se <sub>1-x</sub> S <sub>x</sub> ) <sub>4</sub> (x = 0.125). <i>Journal De Physique, I</i> , <b>1996</b> , 6, 1527-1553		29
62	Conceptual Surface Electrochemistry and New Redox Descriptors. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 19023-19031	3.8	28
61	Interplay between Magnetic and Orbital Ordering in the Strongly Correlated Cobalt Oxide: A DFT + U Study. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 21750-21756	3.8	28
60	Zn <sub>0.35</sub> Co <sub>0.65</sub> O Stable and Highly Active Oxygen Evolution Catalyst Formed by Zinc Leaching and Tetrahedral Coordinated Cobalt in Wurtzite Structure. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1900328	21.8	27
59	Li <sub>2</sub> Cu <sub>2</sub> O(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> , <b>2015</b> , 27, 3077-3087	9.6	25
58	Anion Conformation and Physical Properties in BETS Salts with the Nitroprusside Anion and its Related Ruthenium Halide (X = Cl, Br) Mononitrosyl Complexes: [(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> , <b>2001</b> , 2001, 2797	2.3	23

57	A New Family of Molecular Metals Based on Bis(ethylenethio)tetrathiafulvalene (BET-TTF) and Octahedral Counterions. <i>Chemistry of Materials</i> , <b>1995</b> , 7, 1558-1567	9.6	23
56	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> , <b>2000</b> , 113, 5879-5890	3.9	22
55	Factors affecting the metallic versus semiconducting properties of charge transfer salts containing [M(dddtt) <sub>2</sub> ] <sub>2</sub> and [M(dmit) <sub>2</sub> ] <sub>2</sub> (M = Pd, Pt) dimers. <i>Solid State Communications</i> , <b>1993</b> , 88, 699-703	1.6	22
54	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> , <b>2014</b> , 118, 27210-27218	3.8	20
53	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> , <b>1994</b> , 4, 1479-1490		20
52	Electrochemical Mg alloying properties along the Sb <sub>1-x</sub> Bi <sub>x</sub> solid solution. <i>Electrochimica Acta</i> , <b>2018</b> , 259, 276-283	6.7	19
51	Determination of Lithium Insertion Sites in Li <sub>x</sub> TiP <sub>4</sub> (x= 2/3, 1) by Electron Energy-Loss Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 3996-4002	3.8	19
50	Orbital Approach to the Electronic Structure of Solids <b>2012</b> ,		19
49	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> , <b>2016</b> , 28, 6637-6643	9.6	18
48	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> , <b>2018</b> , 4, 25	5.7	18
47	Progress in the lithium insertion mechanism in Cu <sub>3</sub> P. <i>Ionics</i> , <b>2005</b> , 11, 36-45	2.7	18
46	Influence of polymorphism on the electrochemical behavior of M Sb negative electrodes in Li/Na batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 280, 695-702	8.9	17
45	Competition between Metal Dissolution and Gas Release in Li-Rich Li <sub>3</sub> Ru <sub>2</sub> Yr <sub>1-x</sub> VO <sub>4</sub> Model Compounds Showing Anionic Redox. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 7682-7690	9.6	17
44	Correlating ligand-to-metal charge transfer with voltage hysteresis in a Li-rich rock-salt compound exhibiting anionic redox. <i>Nature Chemistry</i> , <b>2021</b> , 13, 1070-1080	17.6	15
43	An oxysulfate Fe <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> electrode for sustainable Li-based batteries. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12658-66	16.4	14
42	Palladium-silver mesowires for the extended detection of H <sub>2</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 310-8	9.5	14
41	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> , <b>1994</b> , 116, 2115-2120	16.4	14
40	Reversible Sodium and Lithium Insertion in Iron Fluoride Perovskites. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802057	15.6	14

39	Metallic conductivity in a disordered charge-transfer salt derived from cis-BET-TTF. <i>Synthetic Metals</i> , <b>1997</b> , 86, 2145-2146	3.6	12
38	H <sub>2</sub> O photodissociation dynamics based on potential energy surfaces from density functional calculations. <i>Journal of Chemical Physics</i> , <b>1995</b> , 103, 2538-2547	3.9	12
37	The electrochemical activity of the nitrosyl ligand in copper nitroprusside: a new possible redox mechanism for lithium battery electrode materials?. <i>Electrochimica Acta</i> , <b>2017</b> , 257, 364-371	6.7	11
36	Structural and electronic properties of the molecular conductors (EDTTTF) <sub>x</sub> [Pd(dmit) <sub>2</sub> ] <sub>y</sub> (x:y=2:3 and 2:2). <i>Journal of Physics Condensed Matter</i> , <b>1995</b> , 7, 4673-4695	1.8	11
35	Unexpected band gap increase in the Fe <sub>2</sub> VAl Heusler compound. <i>Materials Today Physics</i> , <b>2020</b> , 13, 100283	8.3	10
34	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> , <b>1998</b> , 108, 649-658	3.9	10
33	Unveiling Pseudocapacitive Charge Storage Behavior in FeWO <sub>4</sub> Electrode Material by Operando X-Ray Absorption Spectroscopy. <i>Small</i> , <b>2020</b> , 16, e2002855	11	10
32	Lithium insertion/deinsertion mechanisms in the transition metal pnictides Li <sub>x</sub> MPn <sub>4</sub> . <i>Ionics</i> , <b>2003</b> , 9, 56-63	6.7	9
31	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> , <b>2018</b> , 122, 23861-23866	3.8	9
30	Synthesis, electrical behaviour, and crystal and electronic band structures of two different phases of the (SMeEt <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> , <b>2001</b> , 11, 2205-2210		8
29	Comparison of the electronic structures of isostructural (BEDT-TTF) <sub>3</sub> (HSO <sub>4</sub> ) <sub>2</sub> and [Ni(ddd <sub>t</sub> ) <sub>2</sub> ] <sub>3</sub> (HSO <sub>4</sub> ) <sub>2</sub> molecular metals. <i>Journal De Physique, I</i> , <b>1994</b> , 4, 1439-1450		8
28	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> , <b>2018</b> , 30, 392-402	9.6	7
27	Activation of anionic redox in d transition metal chalcogenides by anion doping. <i>Nature Communications</i> , <b>2021</b> , 12, 5485	17.4	7
26	The Ir <sup>IV</sup> OOO <sup>•</sup> transition state and the mechanism of the oxygen evolution reaction on IrO <sub>2</sub> (110). <i>Energy and Environmental Science</i> ,	35.4	7
25	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> , <b>2008</b> , 14, 197-202	2.7	6
24	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 <sub>1</sub> model. <i>Journal of Chemical Physics</i> , <b>1999</b> , 110, 1767-1773	3.9	6
23	Chemical Activity of the Peroxide/Oxide Redox Couple: Case Study of BaRuO in Aqueous and Organic Solvents. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 3882-3893	9.6	6
22	A Fully Ordered Triplite, LiCuSO <sub>4</sub> F. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 1607-1610	9.6	5

21	Inhibited superconductivity induced by localization effects in (EDT-TTF) <sub>2</sub> [Pd(dmit) <sub>2</sub> ] <sub>2</sub> . <i>Synthetic Metals</i> , <b>1993</b> , 56, 2833-2838	3.6	5
20	Elucidation of Active Oxygen Sites upon Delithiation of LiIrO <sub>4</sub> . <i>ACS Energy Letters</i> , <b>2021</b> , 6, 140-147	20.1	5
19	New p-type Al-substituted SrSnO perovskites for TCO applications?. <i>Chemical Communications</i> , <b>2020</b> , 56, 2566-2569	5.8	4
18	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. <i>Synthetic Metals</i> , <b>1995</b> , 70, 1063-1064	3.6	4
17	Magnetoresistance in pulsed fields, band structure calculations and charge-density wave instability in (TSeT) <sub>2</sub> Cl. <i>Synthetic Metals</i> , <b>1995</b> , 70, 1279-1280	3.6	4
16	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. <i>Journal De Physique, I</i> , <b>1993</b> , 3, 2451-2461		4
15	Crystal structure, band structure and electrical properties of $\alpha$ -(BEDT-TTF) <sub>2</sub> SbF <sub>6</sub> grown on a Si(0 0 1) electrode. <i>Synthetic Metals</i> , <b>2010</b> , 160, 556-560	3.6	3
14	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. <i>Synthetic Metals</i> , <b>1995</b> , 71, 1867-1868	3.6	3
13	Why has 1T-TaTe <sub>2</sub> not yet been synthesized? A DFT contribution.. <i>Synthetic Metals</i> , <b>1999</b> , 103, 2679-2682	3.6	2
12	Effect of the cooling rate on the transverse magnetoresistance of (TSeT) <sub>2</sub> Cl in its charge-density wave ground state. <i>Physica B: Condensed Matter</i> , <b>1995</b> , 211, 286-289	2.8	2
11	Atomistic Modeling of Electrode Materials for Li-Ion Batteries: From Bulk to Interfaces. <i>Green Energy and Technology</i> , <b>2016</b> , 1-36	0.6	2
10	(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> , <b>2006</b> , 142, 445-448	1.3	1
9	Similarities between the t-J and Hubbard models in weakly correlated regimes. <i>European Physical Journal B</i> , <b>2002</b> , 28, 49-54	1.2	1
8	New salts derived from organic donor molecules with long-living excited states counter-ions. <i>Synthetic Metals</i> , <b>2003</b> , 133-134, 377-380	3.6	1
7	Investigation of alkali and alkaline earth solvation structures in tetraglyme solvent. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 26120-26129	3.6	1
6	Advancement of the Homogeneous Background Method for the Computational Simulation of Electrochemical Interfaces.. <i>Journal of Chemical Theory and Computation</i> , <b>2022</b> ,	6.4	1
5	Structure and properties of BETS salts: $\alpha$ -(BETS) <sub>8</sub> (Cu <sub>2</sub> Cl <sub>6</sub> )(CuCl <sub>4</sub> ), $\beta$ -(BETS) <sub>2</sub> (CuCl <sub>2</sub> ) and (BETS) <sub>2</sub> (CuCl <sub>4</sub> ). <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , <b>2001</b> , 4, 149-160		0
4	Stacking Versatility in Alkali-Mixed Honeycomb Layered NaKNiTeO. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 143105-143170		0

- 3 (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, 449-452 1.3
- 2 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. *Synthetic Metals*, **1999**, 103, 2062-2063 3.6
- 1 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 9.6