

SÃ©bastien Floquet

List of Publications by Year in descending order

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49
papers

1,443
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304743

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#	ARTICLE	IF	CITATIONS
1	Screening of biological properties of MoV2O2S2- and MoV2O4-based coordination complexes: Investigation of antibacterial, antifungal, antioxidative and antitumoral activities versus growing of <i>Spirulina platensis</i> biomass. <i>Journal of Inorganic Biochemistry</i> , 2022, 226, 111627.	3.5	6
2	Recent Achievements on Functionalization within closo- Δ -Decahydrodecaborate $[B_{10}H_{10}]^{2-}$ Clusters. <i>ChemistrySelect</i> , 2022, 7, .	1.5	15
3	A decatungstate-based ionic liquid exhibiting a very low dielectric constant suitable for acting as a solvent and a catalyst for the oxidation of organic substrates. <i>New Journal of Chemistry</i> , 2021, 45, 9751-9755.	2.8	4
4	Synthesis, Physical Properties and Application of a Series of New Polyoxometalate-Based Ionic Liquids. <i>Molecules</i> , 2021, 26, 496.	3.8	5
5	Electrochemical properties of the $[SiW_{10}O_{36}]^{4-}$ clusters. <i>Journal of Electroanalytical Chemistry</i> , 2021, 890, 136477.	2.5	3

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19	Two Compartmentalized Inner Receptors for the Tetramethylammonium Guest within a Keplerate-Type Capsule. <i>Inorganic Chemistry</i> , 2016, 55, 9368-9376.	4.0	12
20	Tunable Keplerate Type α -Cluster α -Mo ₁₃₂ -Cavity with Dicarboxylate Anions. <i>Chemistry - A European Journal</i> , 2015, 21, 13311-13320.	3.3	32
21	Synthesis, Characterization and Study of Liquid Crystals Based on the Ionic Association of the Keplerate Anion [Mo ₁₃₂ O ₃₇₂ (CH ₃ COO) ₃₀ (H ₂ O) ₇₂] ₄₂ ⁻ and Imidazolium Cations. <i>Inorganics</i> , 2015, 3, 246-266.	2.7	11
22	Hydrophobic Effect as a Driving Force for Host-Guest Chemistry of a Multi-Receptor Keplerate-Type Capsule. <i>Journal of the American Chemical Society</i> , 2015, 137, 5845-5851.	13.7	42
23	Synthesis, characterization, and tuning of the liquid crystal properties of ionic materials based on the cyclic polyoxothiometalate [Mo ₄ O ₄ S ₄ (H ₂ O) ₃ (OH) ₂] ₂ (P ₈) ₂ . <i>Soft Matter</i> , 2015, 11, 1087-1099.	2.7	15
24	Crystal and molecular structure of dicesium bis(malonato)-di-1/4-sulphido-bis[oxomolybdate(V)] dihydrate: Cs ₂ [Mo ₂ O ₂ S ₂ (malonate) ₂ (H ₂ O) ₂] ₂ ·2H ₂ O. <i>Journal of Structural Chemistry</i> , 2014, 55, 1419-1425.	1.0	0
25	Tracking α -NMe ₄ ⁺ Ions within Two Polyoxothiomolybdates that Have the Same Pores: Smaller Clathrate and Larger Highly Porous Clusters in Action. <i>Chemistry - A European Journal</i> , 2014, 20, 3097-3105.	3.3	14
26	Linking the Inner Isophthalate Guests Within Hexadeca-Oxothiomolybdenum Cyclic Arrangements. Synthesis, Structures and Stability in Solution. <i>Journal of Cluster Science</i> , 2014, 25, 811-823.	3.3	3
27	Layered ionic liquid-crystalline organisations built from nano-capsules [Mo ₁₃₂ O ₃₁₂ S ₆₀ (SO ₄) _x (H ₂ O) ₁₃₂ ·2x](12 + 2x) ⁻ and DODA ⁺ cations. <i>Liquid Crystals</i> , 2014, 41, 1000-1007.	2.2	14
28	Tuning the electrocatalytic hydrogen evolution reaction promoted by [Mo ₂ O ₂ S ₂]-based molybdenum cycles in aqueous medium. <i>Dalton Transactions</i> , 2013, 42, 4848.	3.3	31
29	Evidence of ionic liquid crystal properties for a DODA ⁺ salt of the keplerate [Mo ₁₃₂ O ₃₇₂ (CH ₃ COO) ₃₀ (H ₂ O) ₇₂] ₄₂ ⁻ . <i>New Journal of Chemistry</i> , 2012, 36, 865.	2.8	37
30	A building block strategy to access sulfur-functionalized polyoxometalate based systems using {Mo ₂ S ₂ O ₂ } and {Mo ₃ S ₄ } as constitutional units, linkers or templates. <i>Chemical Society Reviews</i> , 2012, 41, 7335.	38.1	96
31	Cubic Box versus Spheroidal Capsule Built from Defect and Intact Pentagonal Units. <i>Journal of the American Chemical Society</i> , 2012, 134, 19342-19345.	13.7	59
32	Syntheses, characterizations and properties of [Mo ₂ O ₂ S ₂]-based oxothiomolybdenum wheels incorporating bisphosphonate ligands. <i>Dalton Transactions</i> , 2012, 41, 9955.	3.3	23
33	Oxothiomolybdenum Derivatives of the Superlacunary Crown Heteropolyanion {P ₈ W ₄₈ }: Structure of [K ₄ {Mo ₄ O ₄ S ₄ (H ₂ O) ₃ (OH) ₂] ₂ and Studies in Solution. <i>Inorganic Chemistry</i> , 2012, 51, 2349-2358.	4.0	32
34	Polyoxometalates Paneling through {Mo ₂ O ₂ S ₂ } Coordination: Cation-Directed Conformations and Chemistry of a Supramolecular Hexameric Scaffold. <i>Journal of the American Chemical Society</i> , 2012, 134, 1724-1737.	13.7	67
35	Capture of the Complex [Ni(dto) ₂] ²⁺ (dto ²⁻ = Dithiooxalato) Tj ETQq1 1 0.784314 rgBT Reduction of Protons. <i>Inorganic Chemistry</i> , 2011, 50, 9031-9038.	4.0	29
36	A Decade of Oxothiomolybdenum Wheels: Synthesis, Behavior in Solution, and Electrocatalytic Properties. <i>Israel Journal of Chemistry</i> , 2011, 51, 290-302.	2.3	34

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37	Synthesis, Structure, and Behavior in Solution of the Dawson Thio Derivative [(P2W17O61)2(H4Mo4S4O6)]16-. European Journal of Inorganic Chemistry, 2011, 2011, 3523-3528.	2.0	7
38	A New Oxomolybdate Component Extracted from the "Virtual Dynamic Library" Yielding the Macrocyclic Anion [(MoVI8O28)4(MoV2O2S2)4]24 ⁴⁻ . Inorganic Chemistry, 2010, 49, 9740-9742.	4.0	18
39	Capture of the [Mo ₃ S ₄] ⁴⁺ Cluster within a {Mo ₁₈ } Macrocyclic Yielding a Supramolecular Assembly Stabilized by a Dynamic H-Bond Network. Journal of the American Chemical Society, 2010, 132, 2069-2077.	13.7	53
40	A wide family of pyridoxal thiosemicarbazone ferric complexes: Syntheses, structures and magnetic properties. Inorganica Chimica Acta, 2009, 362, 56-64.	2.4	31
41	Dynamic Properties of a Hexadecamolybdenum Wheel: Studies in Solution and Density Functional Theory Calculations. Inorganic Chemistry, 2009, 48, 6852-6859.	4.0	9
42	Molecular Weights of Cyclic and Hollow Clusters Measured by DOSY NMR Spectroscopy. Journal of the American Chemical Society, 2009, 131, 17254-17259.	13.7	82
43	Tuning the thermodynamic stability of oxothiomolybdenum wheels: crystal structures, studies in solution and DFT calculations. Dalton Transactions, 2008, , 4565.	3.3	23
44	A New Class of Efficient Electrocatalysts for the Reduction of Protons into Hydrogen Based on the [Mo ₂ O ₂ S ₂] ²⁺ Building Block. Journal of Physical Chemistry C, 2008, 112, 1109-1114.	3.1	42
45	Host-guest adaptability within oxothiomolybdenum wheels: structures, studies in solution and DFT calculations. Dalton Transactions, 2007, , 3043-3054.	3.3	37
46	Structure, Formation, and Dynamics of Mo ₁₂ and Mo ₁₆ Oxothiomolybdenum Rings Containing Terephthalate Derivatives. Chemistry - A European Journal, 2007, 13, 3548-3557.	3.3	42
47	The crystallographic phase transition for a ferric thiosemicarbazone spin crossover complex studied by X-ray powder diffraction. New Journal of Chemistry, 2006, 30, 1621-1627.	2.8	38
48	Spin transition with a large thermal hysteresis near room temperature in a water solvate of an iron(III) thiosemicarbazone complex. New Journal of Chemistry, 2003, 27, 341.	2.8	52
49	Synthesis, Structures, and Solution Studies of a New Class of [Mo ₂ O ₂ S ₂]-Based Thiosemicarbazone Coordination Complexes. ACS Omega, 0, , .	3.5	5