

# Alexandre Abherve

## List of Publications by Citations

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26

papers

612

citations

14

h-index

24

g-index

29

ext. papers

693

ext. citations

5.2

avg, IF

3.91

L-index

#	Paper	IF	Citations
26	Graphene related magnetic materials: micromechanical exfoliation of 2D layered magnets based on bimetallic anilate complexes with inserted [Fe(acac-trien)] and [Fe(sal-trien)] molecules. <i>Chemical Science</i> , <b>2015</b> , 6, 4665-4673	9.4	97
25	A family of layered chiral porous magnets exhibiting tunable ordering temperatures. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 10031-40	5.1	90
24	Nanosheets of Two-Dimensional Magnetic and Conducting Fe(II)/Fe(III) Mixed-Valence Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 26210-26218	9.5	77
23	One-dimensional and two-dimensional anilate-based magnets with inserted spin-crossover complexes. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12014-26	5.1	42
22	Conducting Anilate-Based Mixed-Valence Fe(II)Fe(III) Coordination Polymer: Small-Polaron Hopping Model for Oxalate-Type Fe(II)Fe(III) 2D Networks. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12611-12621	16.4	40
21	Spin-crossover complex encapsulation within a magnetic metal-organic framework. <i>Chemical Communications</i> , <b>2016</b> , 52, 7360-3	5.8	33
20	A spin-crossover complex based on a 2,6-bis(pyrazol-1-yl)pyridine (1-bpp) ligand functionalized with a carboxylate group. <i>Dalton Transactions</i> , <b>2014</b> , 43, 9406-9	4.3	32
19	Nanosheets of Two-Dimensional Neutral Coordination Polymers Based on Near-Infrared-Emitting Lanthanides and a Chlorocyananilate Ligand. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 6575-6586	9.6	30
18	Nonanuclear Spin-Crossover Complex Containing Iron(II) and Iron(III) Based on a 2,6-Bis(pyrazol-1-yl)pyridine Ligand Functionalized with a Carboxylate Group. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9361-7	5.1	25
17	Bimetallic Mn(III)Fe(II) hybrid complexes formed by a functionalized Mn(III) Anderson polyoxometalate coordinated to Fe(II): observation of a field-induced slow relaxation of magnetization in the Mn(III) centres and a photoinduced spin-crossover in the Fe(II) centres. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7936-7945	7.1	21
16	Heteroleptic NIR-Emitting Yb(III)/Anilate-Based Neutral Coordination Polymer Nanosheets for Solvent Sensing. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 94-104	5.6	21
15	1,2,4,5-Tetrazine based ligands and complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 5759-5777	4.3	17
14	Spin-crossover compounds based on iron(II) complexes of 2,6-bis(pyrazol-1-yl)pyridine (bpp) functionalized with carboxylic acid and ethyl carboxylic acid. <i>Dalton Transactions</i> , <b>2018</b> , 47, 16958-16968	4.3	17
13	Dysprosium Chlorocyananilate-Based 2D-Layered Coordination Polymers. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 13988-13998	5.1	16
12	Synthesis and Physical Properties of Purely Organic BEDT-TTF-Based Conductors Containing Hetero-/Homosubstituted Cl/CN-Anilate Derivatives. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 12564-12571	5.1	12
11	Tuning the nuclearity of iron(III) polynuclear clusters by using tetradentate Schiff-base ligands. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 2105-2113	3.6	12
10	Structural Diversity in a New Series of Halogenated Quinoyl Salicylaldimides-Based Fe(III) Complexes Showing Solid-State Halogen-Bonding/Halogen...Halogen Interactions. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 4187-4199	3.5	8

9	Magnetic Molecular Conductors Based on Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and the Tris(chlorocyananilate)ferrate(III) Complex. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15359-15370	5.1	7
8	Conducting chiral nickel(II) bis(dithiolene) complexes: structural and electron transport modulation with the charge and the number of stereogenic centres. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 4119-4140	7.1	6
7	Radical Cation Salts of Tetramethyltetrathiafulvalene (TM-TTF) and Tetramethyltetraselenafulvalene (TM-TSF) with Chlorocyananilate-Based Anions. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 6777-6786	3.5	3
6	Helicene Bis(pyrazol-1-yl)pyridine Ligands for Luminescent Transition-Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4807-4814	2.3	3
5	Combined Experimental/Theoretical Study on the Luminescent Properties of Homoleptic/Heteroleptic Erbium(III) Anilate-Based 2D Coordination Polymers. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 17765-17774	5.1	2
4	Thiophene-Bipyridine Appended Diketopyrrolopyrrole Ligands and Platinum(II) Complexes. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 7351-7363	5.1	1
3	Metal-Organic Framework vs. Coordination Polymer Influence of the Lanthanide on the Nature of the Heteroleptic Anilate/Terephthalate 3D Network. <i>Crystals</i> , <b>2022</b> , 12, 763	2.3	0
2	Iron(II) and cobalt(II) complexes based on anionic phenanthroline-imidazolate ligands: reversible single-crystal-to-single-crystal transformations. <i>CrystEngComm</i> , <b>2018</b> , 20, 4141-4150	3.3	
1	Helicene Bis(pyrazol-1-yl)pyridine Ligands for Luminescent Transition-Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4797-4797	2.3	