

Guillaume Rogez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

3,393
citations

31
h-index

54
g-index

122
ext. papers

3,585
ext. citations

6.4
avg, IF

4.96
L-index

#	Paper	IF	Citations
114	Fast and efficient shear-force assisted production of covalently functionalized oxide nanosheets. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 621-632	9.3	
113	A Single Bioinspired Hexameric Nickel Catechol-Alloxazine Catalyst Combines Metal and Radical Mechanisms for Alkene Hydrosilylation.. <i>Chemistry - A European Journal</i> , 2022 , e202200596	4.8	
112	Octahedral Hexachloro Environment of Dy ³⁺ with Slow Magnetic Relaxation and Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2099-2107	2.3	1
111	Origin of Ferromagnetism and Magnetic Anisotropy in a Family of Copper(II) Triangles. <i>Chemistry - A European Journal</i> , 2020 , 26, 12769-12784	4.8	5
110	Coordination properties of two new Schiff-base phenoxy-carboxylates and comparative study of their antioxidant activities. <i>Inorganica Chimica Acta</i> , 2020 , 508, 119656	2.7	10
109	M(HO)(POCHOH)I(HO) (M = Co, Mn, Zn, Cu): a new series of layered metallophosphonate compounds obtained from 6-hydroxy-2-naphthylphosphonic acid. <i>Dalton Transactions</i> , 2020 , 49, 3877-3891	4.3	1
108	Playing with Magnetic Anisotropy in Hexacoordinated Mononuclear Ni(II) Complexes, An Interplay Between Symmetry and Geometry. <i>Applied Magnetic Resonance</i> , 2020 , 51, 1215-1231	0.8	4
107	Quantitative Analysis of the Specific Absorption Rate Dependence on the Magnetic Field Strength in ZnFeO Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
106	Designing of a Magnetodielectric System in Hybrid OrganicInorganic Framework, a Perovskite Layered Phosphonate MnO ₃ PC ₆ H ₄ -m-Br?H ₂ O. <i>Advanced Functional Materials</i> , 2019 , 29, 1901878	15.6	6
105	Tetrathiopyridyl-tetrathiafulvalene-based Cd(II) coordination polymers: one ligand, one metal cation, many possibilities. <i>New Journal of Chemistry</i> , 2019 , 43, 14291-14298	3.6	5
104	Salts and Solvents Effect on the Crystal Structure of Imidazolium Dicarboxylate Salt Based Coordination Networks. <i>Crystal Growth and Design</i> , 2019 , 19, 4264-4272	3.5	4
103	Copper complexes for the promotion of iminopyridine ligands derived from Alanine and self-aldol additions: relaxivity and cytotoxic properties. <i>Dalton Transactions</i> , 2019 , 48, 17544-17555	4.3	2
102	Tuning the organization of the interlayer organic moiety in a hybrid layered perovskite. <i>Journal of Solid State Chemistry</i> , 2019 , 269, 532-539	3.3	1
101	Noncentrosymmetric Cu(II) Layered Hydroxide: Synthesis, Crystal Structure, Nonlinear Optical, and Magnetic Properties of Cu ₂ (OH) ₃ (C ₁₂ H ₂₅ SO ₄). <i>Crystal Growth and Design</i> , 2018 , 18, 1809-1817	3.5	5
100	Microwave-assisted functionalization of the Aurivillius phase BiSrTaO: diol grafting and amine insertion alcohol grafting. <i>Chemical Science</i> , 2018 , 9, 7104-7114	9.4	11
99	Determination of the Distributions of the Spin-Hamiltonian Parameters in Spin Triangles: A Combined Magnetic Susceptometry and Electron Paramagnetic Resonance Spectroscopic Study of the Highly Symmetric [CrO(PhCOO)(py)](ClO)D ₅ py. <i>Inorganic Chemistry</i> , 2018 , 57, 13259-13269	5.1	10
98	Magnetic and luminescent coordination networks based on imidazolium salts and lanthanides for sensitive ratiometric thermometry. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2775-2787	3	14

97	Manganese Fluorene Phosphonates: Formation of Isolated Chains. <i>Inorganics</i> , 2018 , 6, 92	2.9	2
96	One-Dimensional Fluorene-Based Co(II) Phosphonate $\text{Co}(\text{H}_2\text{O})_2\text{PO}_3\text{C}_{12}\text{H}_9\text{H}_2\text{O}$: Structure and Magnetism. <i>Inorganics</i> , 2018 , 6, 93	2.9	2
95	Incipient spin-dipole coupling in a 1D helical-chain metal-organic hybrid. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10207-10210	7.1	3
94	Two $[\text{Mn}_3(\mu_3\text{-O})]^{7+}$ based Single Chain Magnets with different solvent ligation. <i>Polyhedron</i> , 2017 , 127, 248-256	2.7	5
93	Towards ionic liquids with tailored magnetic properties: bmim salts of ferro- and antiferromagnetic Cu triangles. <i>Dalton Transactions</i> , 2017 , 46, 12263-12273	4.3	14
92	Layered Simple Hydroxides Functionalized by Fluorene-Phosphonic Acids: Synthesis, Interface Theoretical Insights, and Magnetoelectric Effect. <i>Advanced Functional Materials</i> , 2017 , 27, 1703576	15.6	13
91	Elaboration of Luminescent and Magnetic Hybrid Networks Based on Lanthanide Ions and Imidazolium Dicarboxylate Salts: Influence of the Synthesis Conditions. <i>Magnetochemistry</i> , 2017 , 3, 1	3.1	13
90	The Dimeric Pyramidal $\text{Cu}_2\text{O}_6(\text{H}_2\text{O})_2$ Unit: A Structural Invariant of a Homologous Series of Copper-Layered Phosphonates. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4643-4648	2.3	3
89	Rigid phosphonic acid for the construction of crystalline organic-organic hybrid materials. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1482-1484	1	
88	Pseudomorphic Transformation of Layered Simple Hydroxides into Prussian Blue Analogue Nanoplatelets. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 2030-2038	2.3	8
87	Hydrazone-Ligand-Based Homodinuclear Lanthanide Complexes: Synthesis, Structure, and Magnetism. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3322-3329	2.3	19
86	Copper-Fluorene phosphonate $\text{Cu}(\mu_3\text{-PO}_3\text{-C}_{12}\text{H}_9)\text{H}_2\text{O}$: A Layered Antiferromagnetic Hybrid. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 266-271	2.3	16
85	Efficient Microwave-Assisted Functionalization of the Aurivillius-Phase $\text{Bi}_2\text{SrTa}_2\text{O}_9$. <i>Inorganic Chemistry</i> , 2016 , 55, 4039-46	5.1	18
84	Post-Synthesis Modification of the Aurivillius Phase BiSrTaO via In Situ Microwave-Assisted "Click Reaction". <i>Inorganic Chemistry</i> , 2016 , 55, 9790-9797	5.1	8
83	Unraveling Landé Effects on Magnetic Anisotropy in cis-NiAB Complexes: Magnetization, HF-HFEPR Studies, First-Principles Calculations, and Orbital Modeling. <i>Chemistry - A European Journal</i> , 2016 , 22, 16850-16862	4.8	13
82	Electrocatalytic Properties of Metal Phthalocyanine Tetrasulfonate Intercalated in Metal Layered Simple Hydroxides (Metal: Co, Cu, and Zn). <i>Journal of Physical Chemistry C</i> , 2015 , 119, 13335-13342	3.8	16
81	Hybrid interfaces in layered hydroxides: magnetic and multifunctional superstructures by design. <i>Nanotechnology Reviews</i> , 2015 , 4,	6.3	11
80	Imidazolium Dicarboxylate Based Metal-Organic Frameworks Obtained by Solvo-Ionothermal Reaction. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5342-5350	2.3	16

79	Assembly, disassembly, and reassembly: conversion of homometallic coordination networks into mixed metal-organic frameworks. <i>Inorganic Chemistry</i> , 2015 , 54, 2032-9	5.1	29
78	Ferromagnetic coupling in copper(II) [2 D] grid-like complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 4275-7	5.1	10
77	New metal phthalocyanines/metal simple hydroxide multilayers: experimental evidence of dipolar field-driven magnetic behavior. <i>Inorganic Chemistry</i> , 2014 , 53, 1184-94	5.1	15
76	Synthesis and characterization of a new nonanuclear Ni(II) cluster from a pyridyl-alcohol ligand. <i>Dalton Transactions</i> , 2014 , 43, 42-6	4.3	13
75	Pentanuclear heterometallic {Mn(III)(2)Ln(3)} (Ln = Gd, Dy, Tb, Ho) assemblies in an open-book type structural topology: appearance of slow relaxation of magnetization in the Dy(III) and Ho(III) analogues. <i>Inorganic Chemistry</i> , 2014 , 53, 6524-33	5.1	36
74	Solvent-Dependent OximeAzide and OximeNitrile Coupling: Crystallographic and Catalytic Studies. <i>ChemPlusChem</i> , 2014 , 79, 1649-1656	2.8	7
73	Magnetization Reversal in CsNiIIICrIII(CN)6 Coordination Nanoparticles: Unravelling Surface Anisotropy and Dipolar Interaction Effects. <i>Advanced Functional Materials</i> , 2014 , 24, 5402-5411	15.6	30
72	Ni(II) dipyrin complexes bearing peripheral pyridyl or imidazolyl groups self-assemble into 2- and 3-D coordination polymers. <i>CrystEngComm</i> , 2013 , 15, 5980	3.3	14
71	Synthesis of cubane-type Ni(II) complexes from pyridyl-alcohol ligands; their single-molecule magnet behaviour. <i>Dalton Transactions</i> , 2013 , 42, 5013-24	4.3	28
70	Nickel hydroxide ultrathin nanosheets as building blocks for electrochemically active layers. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11429	13	21
69	Synthesis, Structural Aspects and Catalytic Performance of a Tetrahedral Cobalt Phosphonate Framework. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, n/a-n/a	2.3	16
68	Structural, magnetic and optical properties of an Fe(III) dimer bridged by the meridional planar divergent N,NPbis(salicyl)hydrazide and its photo- and electro-chemistry in solution. <i>Dalton Transactions</i> , 2013 , 42, 1406-16	4.3	11
67	Synthesis, characterization and observation of structural diversities in a series of transition metal based furan dicarboxylic acid systems. <i>CrystEngComm</i> , 2013 , 15, 2113	3.3	17
66	From discrete tricyanovinylene appended 7-azaindole copper(II) paddlewheel to an infinite 1D network: Synthesis, crystal structure and magnetic properties. <i>Polyhedron</i> , 2013 , 52, 1329-1335	2.7	6
65	A 2D -3D Polycatenated MetalOrganic Framework: Synthesis, Structure, Magnetic and Catalytic Study. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3076-3081	2.3	3
64	Supramolecular organization and magnetic properties of mesogen-hybridized mixed-valent manganese single molecule magnets [Mn(III)8Mn(IV)4O12(L(x,y,z-CB))16(H2O)4]. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2708-22	16.4	38
63	Tuning the magnetic anisotropy in coordination nanoparticles: random distribution versus core-shell architecture. <i>Chemical Communications</i> , 2012 , 48, 11455-7	5.8	30
62	Self-ordering of metallogrid complexes via directed hydrogen-bonding. <i>Dalton Transactions</i> , 2012 , 41, 13848-55	4.3	28

61	Functional Hybrid Materials Based on Layered Simple Hydroxide Hosts and Dicarboxylate Schiff Base Metal Complex Guests. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5225-5238	2.3	17
60	A carboxylate-based dinuclear dysprosium(III) cluster exhibiting slow magnetic relaxation behaviour. <i>Dalton Transactions</i> , 2012 , 41, 7695-9	4.3	57
59	Nitrate-bridged "pseudo-double-propeller"-type lanthanide(III)-copper(II) heterometallic clusters: syntheses, structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2012 , 51, 9159-61	5.1	35
58	Peptide-intercalated layered metal hydroxides: effect of peptide chain length and side chain functionality on structural, optical and magnetic properties. <i>Chemical Science</i> , 2012 , 3, 1945	9.4	17
57	Functional Heterometallic Layered Hybrid Magnets by Double Ion-Exchange. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2731-2740	2.3	10
56	Synthesis, structure, and magnetic properties of a new eight-connected metal-organic framework (MOF) based on Co ₄ clusters. <i>Inorganic Chemistry</i> , 2012 , 51, 4495-501	5.1	50
55	Robust spin crossover and memristance across a single molecule. <i>Nature Communications</i> , 2012 , 3, 938	17.4	354
54	A stable hybrid bisphosphonate polyoxometalate single-molecule magnet. <i>Chemistry - A European Journal</i> , 2012 , 18, 3845-9	4.8	61
53	Intercalation synthesis of functional hybrid materials based on layered simple hydroxide hosts and ionic liquid guests--a pathway towards multifunctional ionogels without a silica matrix?. <i>Dalton Transactions</i> , 2011 , 40, 9977-88	4.3	21
52	Ditopic bis(oxazolines): Synthesis and structural studies of zinc(II), copper(II) and nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2011 , 376, 285-289	2.7	11
51	Layered hydroxide hybrid nanostructures: a route to multifunctionality. <i>Chemical Society Reviews</i> , 2011 , 40, 1031-58	58.5	120
50	Tailored coordination nanoparticles: assessing the magnetic single-domain critical size. <i>Chemical Communications</i> , 2011 , 47, 1051-3	5.8	37
49	Nuclearity of nickel and mixed sodium-nickel complexes: dependence on the spacer in chelating pyridine-alcoholate ligands. <i>Chemical Communications</i> , 2010 , 46, 6461-3	5.8	19
48	Novel Cr(III) dinuclear complexes supported by salicyloylhydrazono dithiolane and dithiane ligands: synthesis, stability, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2010 , 39, 4579-85	4.3	13
47	Structural effects of sodium cations in polynuclear, multicubane-type mixed Na-Ni complexes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4443-6	16.4	57
46	Rational synthesis of chiral layered magnets by functionalization of metal simple hydroxides with chiral and non-chiral Ni(II) Schiff base complexes. <i>Dalton Transactions</i> , 2010 , 39, 10577-80	4.3	26
45	Magneto-optical control of a Mn ₁₂ nano-magnet. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7165		7
44	Synthesis, optical and magnetic properties of hybrid π -oligothiophenecarboxylates/transition metal hydroxide multilayered compounds. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9401		21

43	From Salicylaldehyde to Chiral Salen Sulfonates Syntheses, Structures and Properties of New Transition Metal Complexes Derived from Sulfonato Salen Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4450-4461	2.3	22
42	Multiferroische Materialien aus Metall-organischen Gerüsten (MOFs). <i>Angewandte Chemie</i> , 2010 , 122, 1965-1967	3.6	17
41	Multiferroic materials: the attractive approach of metal-organic frameworks (MOFs). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1921-3	16.4	164
40	Stability, molecular structures and magnetic properties of dinuclear iron complexes supported by benzoic hydrazide derivative ligands. <i>Inorganica Chimica Acta</i> , 2010 , 363, 213-220	2.7	13
39	The Quest for Nanoscale Magnets: The example of [Mn ₁₂] Single Molecule Magnets. <i>Advanced Materials</i> , 2009 , 21, 4323-33	24	83
38	Core-Multishell Magnetic Coordination Nanoparticles: Toward Multifunctionality on the Nanoscale. <i>Angewandte Chemie</i> , 2009 , 121, 189-193	3.6	19
37	Iron Polyoxometalate Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2009 , 121, 3123-3127	3.6	53
36	Structure and Magnetic Properties of a New 1D Nickel(II) Hydroxythiophenedicarboxylate. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3713-3720	2.3	13
35	Core-multishell magnetic coordination nanoparticles: toward multifunctionality on the nanoscale. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 183-7	16.4	122
34	Iron polyoxometalate single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3077-81	16.4	178
33	Co(II)(l-proline) ₂ (H ₂ O) ₂ solid complex: Characterization, magnetic properties, and DFT computations. Preliminary studies of its use as oxygen scavenger in packaging films. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 17-20	3.1	17
32	Tunable synthesis of Prussian Blue in exponentially growing polyelectrolyte multilayer films. <i>Langmuir</i> , 2009 , 25, 14030-6	4	31
31	Copper(II) dinuclear pyrazine-based rack-type complexes: preparation, structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2009 , 48, 2456-63	5.1	27
30	Structural features directing the specificity and functionality of metallo-supramolecular grid-type architectures. <i>Dalton Transactions</i> , 2009 , 5787-802	4.3	38
29	New layered organic-inorganic magnets incorporating azo dyes. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6106		38
28	Synthesis, structure, magnetic and catalytic properties of new dinuclear chromium(III) complexes with oxazoline alcoholate ligands. <i>Dalton Transactions</i> , 2009 , 97-105	4.3	21
27	Synthesis and magnetic properties of new mono- and binuclear iron complexes with salicyloylhydrazono dithiolane ligand. <i>Inorganic Chemistry</i> , 2008 , 47, 7623-30	5.1	25
26	Grafting a monolayer of superparamagnetic cyanide-bridged coordination nanoparticles on Si(100). <i>Inorganic Chemistry</i> , 2008 , 47, 1898-900	5.1	21

25	Single-molecule magnets with mesomorphic lamellar ordering. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 490-5	16.4	75
24	Synthesis of new Cu(II), Ni(II) and Co(II) complexes with a bis-amide ligand functionalized with pyridine moieties: Spectral, magnetic and electrochemical studies. <i>Polyhedron</i> , 2008 , 27, 3674-3682	2.7	15
23	Synthesis, crystal structure and spectroscopic properties of a new chiral cadmium (II) malate. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 1088-1090	3.1	8
22	Magnetic behaviour of negatively charged nickel(II) hexacyanoferrate(III) coordination nanoparticles. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3931-3936	2.7	13
21	Synthesis, crystal structure and magnetic properties of a new mixed-valence [Mn ⁴ III Mn ² II] pentanuclear complex. <i>New Journal of Chemistry</i> , 2007 , 31, 1403	3.6	10
20	A molecular plug-socket connector. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4633-42	16.4	42
19	Structure and magnetic properties of a new cobalt(II) thiophenedicarboxylate coordination polymer showing unprecedented coordination. <i>Inorganic Chemistry</i> , 2007 , 46, 3423-5	5.1	67
18	Unprecedented tetranuclear complexes with 20-electron Ni(II) centers: the role of pressure and temperature on their solid-state and solution fragmentation. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6438-41	16.4	21
17	Synthesis, structure and magnetic properties of a new family of chiral metal(II) citramalates. <i>Inorganica Chimica Acta</i> , 2007 , 360, 1111-1120	2.7	18
16	Synthesis, structure and magnetic properties of chiral and nonchiral transition-metal malates. <i>Chemistry - A European Journal</i> , 2006 , 12, 7627-38	4.8	61
15	Magnetic anisotropy of two trinuclear and tetranuclear Cr(III)Ni(II) cyanide-bridged complexes with spin ground states S = 4 and 5. <i>Dalton Transactions</i> , 2006 , 2818-28	4.3	30
14	Spontaneous stabilization and isolation of dispersible bimetallic coordination nanoparticles of Cs _x Ni[Cr(CN) ₆] _y . <i>Journal of Materials Chemistry</i> , 2006 , 16, 2593-2599		73
13	Photoinduced electron flow in a self-assembling supramolecular extension cable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18411-6	11.5	55
12	An approach to chiral magnets using hydroxycarboxylates. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2715-2728		45
11	Very strong ferromagnetic interaction in a new binuclear mu-methoxo-bridged Mn(III) complex: synthesis, crystal structure, magnetic properties, and DFT calculations. <i>Journal of the American Chemical Society</i> , 2006 , 128, 3140-1	16.4	73
10	Grafting of Thiophenecarboxylates into Magnetic Transition Metal Hydroxide Layers. <i>Chemistry of Materials</i> , 2006 , 18, 3005-3015	9.6	35
9	Superparamagnetic bimetallic cyanide-bridged coordination nanoparticles with TB = 9 K. <i>Chemical Communications</i> , 2006 , 1018-20	5.8	73
8	Very large Ising-type magnetic anisotropy in a mononuclear Ni(II) complex. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1876-9	16.4	101

- 7 Very Large Ising-Type Magnetic Anisotropy in a Mononuclear NiII Complex. *Angewandte Chemie*, **2005**, 117, 1910-1913 3.6 14
- 6 Tuning the magnetic and electronic properties of polynuclear Prussian-blue-like complexes: the role of the organic ligand. *Comptes Rendus Chimie*, **2003**, 6, 283-290 2.7 7
- 5 Tuning the optical properties of Prussian blue-like complexes. *Chemical Communications*, **2002**, 1460-1 5.8 14
- 4 Pentanuclear Cyanide-Bridged Complexes with High Spin Ground States S=6 and 9: Characterization and Magnetic Properties. *Journal of Solid State Chemistry*, **2001**, 159, 302-307 3.3 4
- 3 A Prussian blue nanomolecule: crystal structure and low-temperature magnetism. *Inorganic Chemistry*, **2001**, 40, 3836-7 5.1 38
- 2 A Mixed-Valence Mixed-Spin Prussian-Blue-Like Heptanuclear Complex. *Angewandte Chemie - International Edition*, **2000**, 39, 2885-2887 16.4 50
- 1 A hybrid bioinspired catechol-alloxazine triangular nickel complex stabilizing protons and electrons. *Inorganic Chemistry Frontiers*, 6.8 1