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List of Publications by Year
in descending order

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75 papers	1,763 citations	293460 24 h-index	340414 39 g-index
77 all docs	77 docs citations	77 times ranked	1623 citing authors

#	Article	IF	Citations
1	A new family of one-dimensional bromo-bridged Ir(iv)â€“Cu(ii) complexes based on the hexabromoiridate(iv) metalloligand. Dalton Transactions, 2022, , .	1.6	2
2	Molecular Self-Assembly of an Unusual Dinuclear Ruthenium(III) Complex Based on the Nucleobase Guanine. Crystals, 2022, 12, 448.	1.0	3
3	One-Dimensional Gadolinium (III) Complexes Based on Alpha- and Beta-Amino Acids Exhibiting Field-Induced Slow Relaxation of Magnetization. Inorganics, 2022, 10, 32.	1.2	4
4	A novel adenine-based diruthenium(III) complex: Synthesis, crystal structure, electrochemical properties and evaluation of the anticancer activity. Journal of Inorganic Biochemistry, 2022, 232, 111812.	1.5	8
5	Guest-induced magnetic exchange in paramagnetic [M₂L₄]⁴⁺ coordination cages. Dalton Transactions, 2022, 51, 8377-8381.	1.6	5
6	Coexistence of metamagnetism and slow relaxation of magnetization in ammonium hexafluoridorhenate. RSC Advances, 2021, 11, 6353-6360.	1.7	6
7	Field-induced slow magnetic relaxation and magnetocaloric effects in an oxalato-bridged gadolinium(<scp>iii</scp>)-based 2D MOF. Dalton Transactions, 2021, 50, 3801-3805.	1.6	17
8	Spin state of a single-molecule magnet (SMM) creating long-range ordering on ferromagnetic layers of a magnetic tunnel junction â€“ a Monte Carlo study. RSC Advances, 2021, 11, 32275-32285.	1.7	6
9	Detection of Hypoxanthine from Inosine and Unusual Hydrolysis of Immunosuppressive Drug Azathioprine through the Formation of a Diruthenium(III) System. Biosensors, 2021, 11, 19.	2.3	8
10	A Gadolinium(III) Complex Based on the Thymine Nucleobase with Properties Suitable for Magnetic Resonance Imaging. International Journal of Molecular Sciences, 2021, 22, 4586.	1.8	8
11	Holmium(III) Single-Ion Magnet for Cryomagnetic Refrigeration Based on an MRI Contrast Agent Derivative. Inorganic Chemistry, 2021, 60, 12719-12723.	1.9	2
12	Exploring room-temperature transport of single-molecule magnet-based molecular spintronics devices using the magnetic tunnel junction as a device platform. RSC Advances, 2020, 10, 13006-13015.	1.7	19
13	Field-Induced Single-Ion Magnet Phenomenon in Hexabromo- and Hexaiodorhenate(IV) Complexes. Magnetochemistry, 2020, 6, 20.	1.0	5
14	Field-induced slow relaxation of magnetisation in two one-dimensional homometallic dysprosium(<scp>iii</scp>) complexes based on alpha- and beta-amino acids. Dalton Transactions, 2020, 49, 9155-9163.	1.6	18
15	Molecular Self-Assembly in a Family of Oxo-Bridged Dinuclear Ruthenium(IV) Systems. Crystal Growth and Design, 2020, 20, 2044-2056.	1.4	13
16	Ferromagnetic exchange interaction in a new Ir(iv)â€“Cu(ii) chain based on the hexachloroiridate(iv) anion. Dalton Transactions, 2019, 48, 13925-13930.	1.6	10
17	Field-induced slow relaxation of magnetisation in an anionic heterotetranuclear [Zn^{II}ReIV3] system. Dalton Transactions, 2019, 48, 370-373.	1.6	5
18	Synthesis and characterisation of a novel ferrimagnetic chain based on copper(II) and rhenium(IV). Comptes Rendus Chimie, 2019, 22, 490-497.	0.2	1

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19	Hexanuclear manganese(III) single-molecule magnets based on oxime and azole-type ligands. Polyhedron, 2019, 170, 223-231.	1.0	5
20	Ferromagnetic Oxime-Based Manganese(III) Single-Molecule Magnets with Dimethylformamide and Pyridine as Terminal Ligands. Crystals, 2019, 9, 23.	1.0	7
21	Ligand substitution in cis-bis(acetonitrile)tetrachlororhenium(IV) complex with N,N-dimethylformamide and N,N-dimethylacetamide. Polyhedron, 2018, 144, 82-87.	1.0	1
22	Hexakis(dimethylformamide)iron(II) complex cation in hexahalorhenate(IV)-based salts: synthesis, X-ray structure and magnetic properties. Journal of Coordination Chemistry, 2018, 71, 737-747.	0.8	5
23	A [Cr₂Ni] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. Chemical Communications, 2018, 54, 6153-6156.	2.2	4
24	Halogenâ‹¯halogen interactions in the self-assembly of one-dimensional 2,2â€²-bipyrimidine-based Cu^{II}Re^{IV} systems. CrystEngComm, 2018, 20, 4575-4581.	1.3	8
25	Water Dissociation of a Dinuclear Bis(3,5-dimethylpyrazolyl)methane Copper(II) Complex: X-ray Diffraction Structure, Magnetic Properties, and Characteristic Absorption of the (CuN2 Cl2)2 Core. European Journal of Inorganic Chemistry, 2018, 2018, 3644-3651.	1.0	8
26	Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpointâ˜†. Coordination Chemistry Reviews, 2017, 339, 17-103.	9.5	279
27	Self-assembly of the tetrachlorido(oxalato)rhenate(iv) anion with protonated organic cations: X-ray structures and magnetic properties. CrystEngComm, 2017, 19, 503-510.	1.3	9
28	Hexahalorhenate(<scp>iv</scp>) salts of metal oxazolidine nitroxides. Dalton Transactions, 2017, 46, 5250-5259.	1.6	10
29	Thioester-functionalised and oxime-based hexametallic manganese(<scp>iii</scp>) single-molecule magnets. RSC Advances, 2017, 7, 48841-48847.	1.7	10
30	Magneto-structural correlations in dirhenium(iv) complexes possessing magnetic pathways with even or odd numbers of atoms. Dalton Transactions, 2017, 46, 11890-11897.	1.6	4
31	Enhancement of Intermolecular Magnetic Exchange through HalogenÂ·Â·Â·Halogen Interactions in Bisadeninium Rhenium(IV) Salts. Crystal Growth and Design, 2017, 17, 5342-5348.	1.4	13
32	Magneto-structural correlations in a family of Re^{IV}Cu^{II} chains based on the hexachlororhenate(<scp>iv</scp>) metalloligand. Dalton Transactions, 2017, 46, 16025-16033.	1.6	13
33	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. Nature Communications, 2016, 7, 13870.	5.8	30
34	Anion-Assisted Crystallization of a Novel Type of Rhenium(IV)-Based Salt. Crystal Growth and Design, 2016, 16, 1812-1816.	1.4	11
35	The Effect of Crystal Packing and Re^{IV} Ions on the Magnetisation Relaxation of [Mn₆]â€Based Molecular Magnets. Chemistry - A European Journal, 2015, 21, 8790-8798.	1.7	20
36	Effect of Protonated Organic Cations and Anionâ‹¯Ï€ Interactions on the Magnetic Behavior of Hexabromorhenate(IV) Salts. Crystal Growth and Design, 2015, 15, 2598-2601.	1.4	23

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37	Aquapentachlororhenate(<scp>iv</scp>): a singular and promising building block for metal assembly. RSC Advances, 2015, 5, 54936-54940.	1.7	4
38	A Chiral, Photoluminescent, and Spin-Canted {CuIReIV2}n Branched Chain. Inorganic Chemistry, 2015, 54, 4594-4596.	1.9	16
39	Hexakis(diethylacetamide)iron(II) hexahalorhenate(IV) ionic salts: X-ray structures and magnetic properties. Polyhedron, 2015, 98, 35-39.	1.0	4
40	Towards multifunctional magnetic systems through molecular-programmed self assembly of Re(IV) metalloligands. Coordination Chemistry Reviews, 2015, 289-290, 215-237.	9.5	58
41	Enantiopure Conducting Salts of Dimethylbis(ethylenedithio)tetrathiafulvalene (DMâ€BEDTâ€TTF) with the Hexachlororhenate(IV) Anion. European Journal of Inorganic Chemistry, 2014, 2014, 3780-3780.	1.0	2
42	Hexabromorhenate(IV) salt of a trans-dioxorhenium(V) cation: X-ray structure and magnetic properties. Polyhedron, 2014, 67, 213-217.	1.0	8
43	A family of cationic oxime-based hexametallic manganese(iii) single-molecule magnets. Dalton Transactions, 2014, 43, 4408-4414.	1.6	27
44	Enantiopure Conducting Salts of Dimethylbis(ethylenedithio)tetrathiafulvalene (DM-BEDT-TTF) with the Hexachlororhenate(IV) Anion. European Journal of Inorganic Chemistry, 2014, 2014, 3855-3862.	1.0	29
45	Metamagnetic behaviour in a new Cu(ii)Re(iv) chain based on the hexachlororhenate(iv) anion. Chemical Communications, 2014, 50, 5840.	2.2	25
46	Self-Assembly of the Hexabromorhenate(IV) Anion with Protonated Benzotriazoles: X-ray Structure and Magnetic Properties. Crystal Growth and Design, 2014, 14, 5985-5990.	1.4	17
47	A cationic and ferromagnetic hexametallic Mn(iii) single-molecule magnet based on the salicylamidoxime ligand. Dalton Transactions, 2013, 42, 12824.	1.6	24
48	Highly Anisotropic Rhenium(IV) Complexes: New Examples of Mononuclear Single-Molecule Magnets. Journal of the American Chemical Society, 2013, 135, 13737-13748.	6.6	101
49	Cubane-Type Cu^{II}₄ and Mn^{II}₂Mn^{III}₂ Complexes Based on Pyridoxine: A Versatile Ligand for Metal Assembling. Inorganic Chemistry, 2013, 52, 11934-11943.	1.9	24
50	Ferromagnetic coupling and spin canting behaviour in heterobimetallic Re^{IV}M^{II/III}(M = Co^{II/III}, Ni^{II}) species. Dalton Transactions, 2013, 42, 1687-1695.	1.6	24
51	A heteropentanuclear oxalato-bridged [ReIV4GdIII] complex: synthesis, crystal structure and magnetic properties. Chemical Communications, 2012, 48, 9242.	2.2	25
52	Hexanuclear manganese(III) single-molecule magnets from derivatized salicylamidoximes. Comptes Rendus Chimie, 2012, 15, 889-894.	0.2	19
53	Synthesis, crystal structure and magnetism of new salicylamidoxime-based hexanuclear manganese(iii) single-molecule magnets. Dalton Transactions, 2012, 41, 13668.	1.6	34
54	Hexachlororhenate(IV) salts of ruthenium(III) cations: X-ray structure and magnetic properties. Inorganica Chimica Acta, 2012, 380, 118-124.	1.2	33

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55	Enhancing the Magnetic Coupling of Oxalato-Bridged Re^{IV}₂M^{II} (M) Tj ETQq1 1 0.784314 rgBT /O 2011, 50, 5731-5739.	1.9	41
56	Self-Assembled One- and Two-Dimensional Networks Based on NH₂Me₂[ReX₅(DMF)] (X = Cl and Br) Species: Polymorphism and Supramolecular Isomerism in Re(IV) Compounds. Crystal Growth and Design, 2011, 11, 1733-1741.	1.4	18
57	Rhenium(iv) compounds inducing apoptosis in cancer cells. Chemical Communications, 2011, 47, 5283.	2.2	35
58	First Magnetostructural Study on a Heterodinuclear 2,2â€²-Bipyrimidine-Bridged Complex. Inorganic Chemistry, 2011, 50, 12405-12407.	1.9	14
59	Synthesis, crystal structure and magnetic properties of an oxalato-bridged Re^{IV}Mo^{VI}heterobimetallic complex. Dalton Transactions, 2011, 40, 4818-4820.	1.6	20
60	A new family of oxime-based hexanuclear manganese(iii) single molecule magnets with high anisotropy energy barriers. Chemical Communications, 2010, 46, 5106.	2.2	54
61	Spin canting in Re(IV) complexes: magnetic properties of [ReX4(bpym)] (X = Cl and Br; bpym =) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.8	20
62	Heterotetranuclear Oxalato-Bridged Re^{IV}₃M^{II} (M = Mn, Fe, Co, Ni,) Tj ETQq0 0 0 rgBT /Overlock 1 3027-3038.	1.9	58
63	Magneto-structural study on a series of rhenium(IV) complexes containing biimH2, pyim and bipy ligands. Polyhedron, 2008, 27, 1447-1454.	1.0	21
64	Self-Assembly of a Chiral Carbonate- and Cytidine-Containing Dodecanuclear Copper(II) Complex: a Multiarm-Supplied Globular Capsule. Inorganic Chemistry, 2008, 47, 10229-10231.	1.9	30
65	Pentachloro(pyrazine)rhenate(iv) complex as precursor of heterobimetallic pyrazine-containing ReIV2MII (M = Ni, Cu) species: synthesis, crystal structures and magnetic properties. Dalton Transactions, 2008, , 4585.	1.6	32
66	A self-assembled tetrameric water cluster stabilized by the hexachlororhenate(IV) anion and diprotonated 2,2â€²-biimidazole: X-ray structure and magnetic properties. CrystEngComm, 2008, 10, 1284.	1.3	33
67	X-Ray structure of [ReCl₄(Î¼-ox)Cu(pyim)₂]: a new heterobimetallic Re^{IV}Cu^{II}ferrimagnetic chain. Dalton Transactions, 2008, , 40-43.	1.6	31
68	Heterotrimetallic Oxalato-Bridged ReIV2MII Complexes (M = Mn, Co, Ni, Cu):â€‰ Synthesis, Crystal Structure, and Magnetic Properties. Inorganic Chemistry, 2007, 46, 3523-3530.	1.9	36
69	A novel series of rhenium-bipyrimidine complexes: synthesis, crystal structure and electrochemical properties. Dalton Transactions, 2007, , 653-660.	1.6	32
70	A Heterotetranuclear [NiIIReIV3] Single-Molecule Magnet. Journal of the American Chemical Society, 2006, 128, 14218-14219.	6.6	87
71	A Two-Dimensional ReIVAgI Compound:â€‰ X-ray Structure and Magnetic Properties. Crystal Growth and Design, 2006, 6, 2204-2206.	1.4	31
72	Ligand substitution in hexahalorhenate(IV) complexes: Synthesis, crystal structures and magnetic properties of NBu4[ReX5(DMF)] (X=Cl and Br). Inorganica Chimica Acta, 2006, 359, 3291-3296.	1.2	20

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73	Rhenium(IV) cyanate complexes: Synthesis, crystal structures and magnetic properties of NBu4[ReBr4(OCN)(DMF)] and (NBu4)2[ReBr(OCN)2(NCO)3]. Inorganica Chimica Acta, 2006, 359, 4343-4349.	1.2	28
74	Synthesis, Crystal Structure, Magnetic Properties, and Theoretical Studies of [{Cu(mepirizole)Br}2(Î¼-OH)(Î¼-pz)] (Mepirizole =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (4-Methoxy-2-(5-methoxy-3-methyl-1H Î¼-Pyrazolatoâ^'Î¼-Hydroxo-Dibridged Copper(II) Complex. Inorganic Chemistry, 2003, 42, 8328-8336.	1.9	39
75	Hexahalorhenate(iv) salts of protonated ciprofloxacin: antibiotic-based single-ion magnets. CrystEngComm, 0, , .	1.3	6