Colin D Mcmillen

List of Publications by Year
in descending order

163	2,264	257450	345221
papers	citations	24 h-index	36 g-index

165	165	165	2065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two Novel Acentric Borate Fluorides: M₃B₆O₁₁F₂ (M) Tj ETQq1 1 0.784314 rgBT	4.0	92
2	Binary III-V semiconductor core optical fiber. Optics Express, 2010, 18, 4972.	3.4	86
3	Hydrothermal crystal growth of ABe2BO3F2 (A=K, Rb, Cs, Tl) NLO crystals. Journal of Crystal Growth, 2008, 310, 2033-2038.	1.5	79
4	Tunable vacuum ultraviolet laser based spectrometer for angle resolved photoemission spectroscopy. Review of Scientific Instruments, 2014, 85, 033902.	1.3	61
5	Hydrothermal synthesis as a route to mineralogically-inspired structures. Dalton Transactions, 2016, 45, 2772-2784.	3.3	53
6	Hydrothermal Single-Crystal Growth of Lu2O3and Lanthanide-Doped Lu2O3. Crystal Growth and Design, 2011, 11, 4386-4391.	3.0	52
7	Hydrothermal Synthesis and Crystal Structures of Two Novel Acentric Mixed Alkaline Earth Metal Berylloborates Sr₃Be₂B₅O₁₂(OH) and Ba₃Be₂B₅O₁₂(OH). Inorganic Chemistry, 2011, 50, 6809-6813.	4.0	44
8	Durable Celluloseâ€“Sulfur Composites Derived from Agricultural and Petrochemical Waste. Advanced Sustainable Systems, 2019, 3, 1900062.	5.3	42
9	Copolymers by Inverse Vulcanization of Sulfur with Pure or Technicalâ€Grade Unsaturated Fatty Acids. Journal of Polymer Science, 2020, 58, 438-445.	3.8	40
10	Hydrothermal Synthesis and Spectroscopic Properties of a New Glaserite Material, K₃RE(VO₄)₂ (RE = Sc, Y, Dy, Ho, Er, Yb, Lu, or Tm) with Potential Lasing and Optical Properties. Inorganic Chemistry, 2012, 51, 13271-13280.	4.0	39
11	Bulk single crystal growth from hydrothermal solutions. Philosophical Magazine, 2012, 92, 2686-2711.	1.6	39
12	Hydrothermal Synthesis and Crystal Structure of Two New Hydrated Alkaline Earth Metal Borates Sr₃B₆O₁₁(OH)₂ and Ba₃B₆O₁₁(OH)₂. Inorganic Chemistry, 2012, 51, 3956-3962.	4.0	38
13	Synthesis, characterization, DFT calculations, and electrochemical comparison of novel iron(<scp>ii</scp>) complexes with thione and selone ligands. Dalton Transactions, 2016, 45, 4697-4711.	3.3	37
14	Spectral properties of hydrothermally-grown Nd:LuAG, Yb:LuAG, and Yb:Lu2O3 laser materials. Journal of Luminescence, 2014, 148, 26-32.	3.1	34
15	Trigonal structures of ABe₂BO₃F₂ (A = Rb, Cs, Tl) crystals. Acta Crystallographica Section B: Structural Science, 2009, 65, 445-449.	1.8	32
16	Hydrothermal Synthesis and Characterization of Novel Brackebuschite-Type Transition Metal Vanadates: Ba₂M(VO₄)₂(OH), M = V³⁺, Mn³⁺, and Fe³⁺, with Interesting Jahnâ€“Teller and Spin-Liquid Behavior. Inorganic Chemistry, 2015, 54, 7014-7020.	4.0	32
17	Deposition and characterization of nanostructured Cu₂O thin-film for potential photovoltaic applications. Journal of Materials Research, 2013, 28, 1740-1746.	2.6	31
18	Structural and magnetic characterization of the one-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mrow/><mml:mn>5</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math>antiferromagnetic chain system<mml:math		

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19	Integration of Triboluminescent EuD₄TEA Crystals to Transparent Polymers: Impact Sensor Application. ACS Applied Materials & Interfaces, 2017, 9, 6488-6496.	8.0	30
20	Highly Luminescent Heavier Main Group Analogues of Boron-Dipyrromethene. Journal of the American Chemical Society, 2019, 141, 8703-8707.	13.7	30
21	The influence of core geometry on the crystallography of silicon optical fiber. Journal of Crystal Growth, 2012, 352, 53-58.	1.5	29
22	Honeycomb-like S = 5/2 Spinâ€“Lattices in Manganese(II) Vanadates. Inorganic Chemistry, 2016, 55, 9240-9249.	4.0	27
23	Hydrothermal Chemistry and Growth of Fergusonite-type RENbO4 (RE = Laâ€“Lu, Y) Single Crystals and New Niobate Hydroxides. Crystal Growth and Design, 2016, 16, 4910-4917.	3.0	25
24	Crystal growth and phase stability of Ln:Lu2O3 (Ln=Ce, Pr, Nd, Sm, Eu, Tb, Dy, Ho, Er, Tm, Yb) in a higher-temperature hydrothermal regime. Journal of Crystal Growth, 2016, 452, 146-150.	1.5	25
25	Hydrothermal Crystal Growth of Rare Earth Tin Cubic Pyrochlores, RE₂Sn₂O₇ (RE = Laâ€“Lu): Site Ordered, Low Defect Single Crystals. Crystal Growth and Design, 2019, 19, 4920-4926.	3.0	25
26	Exploring the Role of Intramolecular Interactions in the Suppression of Quantum Tunneling of the Magnetization in a 3d-4f Single-Molecule Magnet. Inorganic Chemistry, 2021, 60, 9302-9308.	4.0	25
27	The hydrothermal synthesis, growth, and optical properties of Î³-LiBO2. Journal of Crystal Growth, 2008, 310, 299-305.	1.5	24
28	Hydrothermal Descriptive Chemistry and Single Crystal Structure Determination of Cesium and Rubidium Thorium Fluorides. Inorganic Chemistry, 2011, 50, 11825-11831.	4.0	24
29	The Application of Cryogenic Laser Physics to the Development of High Average Power Ultra-Short Pulse Lasers. Applied Sciences (Switzerland), 2016, 6, 23.	2.5	24
30	Halogen Bonding in Dithiane/Iodofluorobenzene Mixtures: A New Class of Hydrophobic Deep Eutectic Solvents. Angewandte Chemie - International Edition, 2021, 60, 22983-22989.	13.8	24
31	Hydrothermal single crystal growth of Sc2O3 and lanthanide-doped Sc2O3. Journal of Crystal Growth, 2008, 310, 1939-1942.	1.5	23
32	Preparation of tetrafluoroethylene from the pyrolysis of pentafluoropropionate salts. Journal of Fluorine Chemistry, 2017, 196, 107-116.	1.7	23
33	Crystal structures of the novel hydrated borates Ba2B5O9(OH), Sr2B5O9(OH) and Li2Sr8B22O41(OH)2. Journal of Solid State Chemistry, 2011, 184, 2966-2971.	2.9	22
34	Synthesis, coordination chemistry and reactivity of transition metal complexes supported by a chelating benzimidazolylidene carboxylate ligand. Inorganica Chimica Acta, 2015, 426, 29-38.	2.4	22
35	Hydrothermal synthesis of single crystals of transition metal vanadates in the glaserite phase. Journal of Solid State Chemistry, 2016, 236, 61-68.	2.9	22
36	Utilizing the regioselectivity of perfluoropyridine towards the preparation of phenyoxyacetylene precursors for partially fluorinated polymers of diverse architecture. Journal of Fluorine Chemistry, 2019, 228, 109409.	1.7	21

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37	Hydrothermal Growth of Single Crystals of Lu₃Al₅O₁₂ (LuAG) and Its Doped Analogues. Crystal Growth and Design, 2013, 13, 2298-2306.	3.0	20
38	Hydrothermal synthesis and structural analysis of new mixed oxyanion borates: Ba11B26O44(PO4)2(OH)6, Li9BaB15O27(CO3) and Ba3Si2B6O16. Journal of Solid State Chemistry, 2013, 203, 166-173.	2.9	20
39	Crystal Chemistry of Alkali Thorium Silicates Under Hydrothermal Conditions. Crystal Growth and Design, 2015, 15, 2643-2651.	3.0	19
40	Synthetic and spectroscopic studies of vanadate glaserites I: Upconversion studies of doubly co-doped (Er, Tm, or Ho):Yb:K3Y(VO4)2. Journal of Solid State Chemistry, 2015, 226, 312-319.	2.9	19
41	Synthesis and characterization of new fluoride-containing manganese vanadates A2Mn2V2O7F2 (A=Rb,) Tj ETQq1 1 0.784314 rgBT /Ov	2.9	19
42	The hydrothermal synthesis, solubility and crystal growth of YVO4 and Nd:YVO4. Journal of Crystal Growth, 2008, 310, 4472-4476.	1.5	18
43	Hydrothermal Chemistry, Structures, and Luminescence Studies of Alkali Hafnium Fluorides. Inorganic Chemistry, 2013, 52, 237-244.	4.0	18
44	Polar Materials with Isolated V⁴⁺ S = 1/2 Triangles: NaSr₂V₃O₃(Ge₄O₁₃)Cl and KSr₂V₃O₃(Ge₄O₁₃)Cl. Chemistry of Materials, 2017, 29, 1404-1412.	6.7	18
45	Ligand-to-Metal Charge-Transfer Photophysics and Photochemistry of Emissive d⁰ Titanocenes: A Spectroscopic and Computational Investigation. Inorganic Chemistry, 2021, 60, 14399-14409.	4.0	17
46	A stable Janus bis(maloNHC) and its zwitterionic coinage metal complexes. Chemical Communications, 2014, 50, 4725.	4.1	16
47	Hydrothermal Growth of Lanthanide Borosilicates: A Useful Approach to New Acentric Crystals Including a Derivative of Cappelenite. Inorganic Chemistry, 2015, 54, 905-913.	4.0	16
48	Platinumâ€“zirconium composite thin film electrodes for high-temperature micro-chemical sensor applications. Sensors and Actuators B: Chemical, 2015, 207, 206-215.	7.8	16
49	Single Crystals of Cubic Rare-Earth Pyrochlore Germanates: RE₂Ge₂O₇ (RE = Yb and Lu) Grown by a High-Temperature Hydrothermal Technique. Inorganic Chemistry, 2018, 57, 12456-12460.	4.0	16
50	Revisiting the Hydrothermal growth of YAG. Journal of Crystal Growth, 2012, 356, 58-64.	1.5	15
51	Investigation of a Structural Phase Transition and Magnetic Structure of Na2BaFe(VO4)2: A Triangular Magnetic Lattice with a Ferromagnetic Ground State. Inorganic Chemistry, 2017, 56, 14842-14849.	4.0	15
52	One-Pot Hydrothermal Synthesis of Tb^{III}₁₃(GeO₄)₆O₇(OH) and K₂Tb^{IV}Ge₂O₇: Preparation of a Stable Terbium(4+) Complex. Inorganic Chemistry, 2017, 56, 6044-6047.	4.0	15
53	A benzothiadiazole-supported N-heterocyclic carbene and its rhodium and iridium complexes. Journal of Organometallic Chemistry, 2016, 823, 40-49.	1.8	14
54	Supramolecular hydrogen-bonding patterns in 1:1 cocrystals of 5-fluorouracil with 4-methylbenzoic acid and 3-nitrobenzoic acid. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 259-263.	0.5	14

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55	Triboluminescent Electrospun Mats with Blue-Green Emission under Mechanical Force. Journal of Physical Chemistry C, 2017, 121, 11709-11716.	3.1	14
56	Accessing the Rare Diazacyclobutene Motif. Organic Letters, 2018, 20, 8009-8013.	4.6	14
57	Magnetic Ground State Crossover in a Series of Glaserite Systems with Triangular Magnetic Lattices. Inorganic Chemistry, 2019, 58, 2813-2821.	4.0	14
58	The Crystal Structures of CsTh6F25 and NaTh3F13. Journal of Chemical Crystallography, 2012, 42, 606-610.	1.1	13
59	Hydrothermal Synthesis and Comparative Coordination Chemistry of New Rare-Earth V⁴⁺ Compounds. Inorganic Chemistry, 2012, 51, 3588-3596.	4.0	12
60	Hydrothermal Synthesis and Crystal Chemistry of Novel Fluorides with A7B6F31 (AÂ=ÂNa, K, NH4, Tl; BÂ=ÂCe,) Tj ETQq0 0 0 rgBT /Overl	1.1	12
61	Synthetic and spectroscopic studies of vanadate glaserites II: Photoluminescence studies of Ln:K3Y(VO4)2 (Ln=Eu, Er, Sm, Ho, or Tm). Journal of Solid State Chemistry, 2015, 226, 320-325.	2.9	12
62	Hydrothermal synthesis, structure, and property characterization of rare earth silicate compounds: NaBa3Ln3Si6O20 (LnÂ=ÂY, Nd, Sm, Eu, Gd). Solid State Sciences, 2015, 48, 256-262.	3.2	12
63	Manganese Vanadate Chemistry in Hydrothermal BaF₂ Brines: Ba₃Mn₂(V₂O₇)₂F₂ and Ba₇Mn₈O₂(VO₄)₂F₂₃. Inorganic Chemistry, 2016, 55, 12512-12515.	4.0	12
64	Hydrothermal single crystal growth and second harmonic generation of Li2SiO3, Li2GeO3 and Li2Si2O5. Journal of Crystal Growth, 2018, 493, 58-64.	1.5	12
65	Alkali Transitionâ€Metal Molybdates: A Stepwise Approach to Geometrically Frustrated Systems. Chemistry - A European Journal, 2020, 26, 597-600.	3.3	12
66	Hydrothermal growth of BaSnO3 single crystals for wide bandgap applications. Journal of Crystal Growth, 2020, 536, 125529.	1.5	12
67	Three Unique Barium Manganese Vanadates from High-Temperature Hydrothermal Brines. Inorganic Chemistry, 2017, 56, 4206-4216.	4.0	11
68	Oxidatively stable ferrocenyl-Ï€-bridge-titanocene Dâ€“Ï€-A complexes: an electrochemical and spectroscopic investigation of the mixed-valent states. Dalton Transactions, 2018, 47, 10953-10964.	3.3	11
69	Halogen bonding and triiodide asymmetry in cocrystals of triphenylmethylphosphonium triiodide with organoiodines. New Journal of Chemistry, 2018, 42, 10518-10528.	2.8	11
70	Stability constant determination of sulfur and selenium amino acids with Cu(II) and Fe(II). Journal of Inorganic Biochemistry, 2019, 195, 20-30.	3.5	11
71	A Novel Route to Fibers with Incongruent and Volatile Crystalline Semiconductor Cores: GaAs. ACS Photonics, 2022, 9, 1058-1064.	6.6	11
72	Synthesis, X-ray Crystallographic, Electrochemical, and Spectroscopic Studies of Bis-(1,10-phenanthroline)(2,2â€²-bipyridine)cobalt(III) Hexafluorophosphate. Journal of Chemical Crystallography, 2015, 45, 427-433.	1.1	10

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73	Europium valence control in the hydrothermal synthesis of apatites and borosilicates. Journal of Alloys and Compounds, 2016, 656, 206-212.	5.5	10
74	Strontium manganese vanadates from hydrothermal brines: Synthesis and structure of Sr2Mn2(V3O10)(VO4), Sr3Mn(V2O7)2, and Sr2Mn(VO4)2(OH). Journal of Solid State Chemistry, 2017, 255, 225-233.	2.9	10
75	Two halide-containing cesium manganese vanadates: synthesis, characterization, and magnetic properties. Dalton Transactions, 2018, 47, 2619-2627.	3.3	10
76	A Cesium Rareâ€Earth Silicate Cs 3 RESi 6 O 15 (RE=Dyâ€“Lu, Y, In): The Parent of an Unusual Structural Class Featuring a Remarkable 57â€…Ã… Unit Cell Axis. Angewandte Chemie - International Edition, 2018, 57, 2077-2080.	13.8	10
77	Nuclear Magnetic Resonance Spectroscopy Investigations of Naphthalene-Based 1,2,3-Triazole Systems for Anion Sensing. Magnetochemistry, 2018, 4, 15.	2.4	10
78	Single crystal neutron and magnetic measurements of Rb2Mn3(VO4)2CO3 and K2Co3(VO4)2CO3 with mixed honeycomb and triangular magnetic lattices. Dalton Transactions, 2020, 49, 4323-4335.	3.3	10
79	A trans-bidentate bis-pyridinyl ligand with a transition metal hinge. Dalton Transactions, 2017, 46, 15195-15199.	3.3	9
80	One-Pot Absolute Stereochemical Identification of Alcohols via Guanidinium Sulfate Crystallization. Organic Letters, 2019, 21, 9622-9627.	4.6	9
81	Is Indenyl a Stronger or Weaker Electron Donor Ligand than Cyclopentadienyl? Opposing Effects of Indenyl Electron Density and Ring Slipping on Electrochemical Potentials. Organometallics, 2020, 39, 670-678.	2.3	9
82	Photochemistry and Photophysics of Charge-Transfer Excited States in Emissive d¹⁰/d⁰ Heterobimetallic Titanocene Tweezer Complexes. Inorganic Chemistry, 2022, 61, 10986-10998.	4.0	9
83	Hydrothermal synthesis of new rare earth silicate fluorides: A novel class of polar materials. Journal of Solid State Chemistry, 2012, 195, 155-160.	2.9	8
84	Net charge effects in N-heterocyclic carbeneâ€“ruthenium complexes with similar oxidation states and coordination geometries. Inorganica Chimica Acta, 2015, 435, 320-326.	2.4	8
85	Cooperative intermolecular Sâ€“Clâ‹¯O and Fâ‹¯F associations in the crystal packing of Î±,Ï‰-di(sulfonyl) Tj ETQq1 1 0.784314 rgBT /Ov where n = 4, 6. New Journal of Chemistry, 2018, 42, 10484-10488.	2.8	8
86	Crystal Engineering Using Polyiodide Halogen and Chalcogen Bonding to Isolate the Phenothiazinium Radical Cation and Its Rare Dimer, 10â€(3â€Phenothiazinylidene)phenothiazinium. Chemistry - A European Journal, 2021, 27, 8398-8405.	3.3	8
87	Hydrothermal growth of LiLuF4 crystals and new lithium lutetium fluorides LiKLuF5 and LiNaLu2F8. Solid State Sciences, 2013, 17, 90-96.	3.2	7
88	Hydrothermal Synthesis and Characterization of ThO₂, U_xTh_{1-x}O₂, and UO_x. Materials Research Society Symposia Proceedings, 2013, 1576, 1.	0.1	7
89	Yb:Lu2O3 hydrothermally-grown single-crystal and ceramic absorption spectra obtained between 298 and 80 K. Journal of Luminescence, 2016, 174, 29-35.	3.1	7
90	Crystal structure and hydrogen-bonding patterns in 5-fluorocytosinium picrate. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 361-364.	0.5	7

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91	Janus-Type Bis(maloNHC) and Its Zwitterionic Gold and Silver Metal Complexes. Organometallics, 2017, 36, 1867-1872.	2.3	7
92	PhosphorusÂ·Â·Â·Iodine Halogen Bonding in Cocrystals of Bis(diphenylphosphino)ethane (dppe) and p-Diiodotetrafluorobenzene (p-F₄DIB). Crystal Growth and Design, 2020, 20, 7460-7469.	3.0	7
93	Synthesis, characterization, NMR spectroscopic, and X-ray crystallographic studies of new titanium(IV) Schiff base salen complexes: Formation of intriguing titanium(IV) species. Inorganica Chimica Acta, 2020, 505, 119496.	2.4	7
94	Assessment of two cobalt(II) complexes with pincer ligands for the electrocatalytic hydrogen evolution reaction. A comparison of the SNS vs ONS coordination. Inorganica Chimica Acta, 2020, 506, 119497.	2.4	7
95	Halogen and Chalcogen Bonding Between the Triphenylphosphine Chalcogenides (Ph 3 P=E; E=O, S, Se) and Iodofluorobenzenes. ChemPlusChem, 2021, 86, 549-557.	2.8	7
96	Halogen Bonding in Dithiane/Iodofluorobenzene Mixtures: A New Class of Hydrophobic Deep Eutectic Solvents. Angewandte Chemie, 2021, 133, 23165.	2.0	7
97	2,5-Diiodothiophene: A Versatile Halogen Bonding Synthon for Crystal Engineering. Crystal Growth and Design, 2022, 22, 1906-1913.	3.0	7
98	Hydrothermal Synthesis and Single Crystal Structures of New Thorium Fluorides: A3Ba2Th3F19 (AÂ=ÂNa,) Tj ETQq0 0 0 rgBT /Overlock 1	1.1	6
99	Crystal chemistry of hydrothermally grown ternary alkali rare earth fluorides. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 768-776.	1.1	6
100	Hydrogen-bonding patterns in 5-fluorocytosineâ€“melamine co-crystal (4/1). Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 552-555.	0.5	6
101	Crystal chemistry and the role of ionic radius in rare earth tetrasilicates: Ba₂RE₂Si₄O₁₂F₂ (RE =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Ba₂RE₂Si₄O₁₃ (RE =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 332 Td (La<	1.1	6
102	Engineering and Materials, 2017, 73, 907-915. Synthesis, characterization, and structures of ruthenium(II) complexes with multiple solvato ligands. Inorganica Chimica Acta, 2017, 468, 308-315.	2.4	6
103	Cycloaddition/Electrocyclic Ring Opening Sequence between Alkynyl Sulfides and Azodicarboxylates To Provide N,N-Dicarbamoyl 2-Iminothioimidates. Journal of Organic Chemistry, 2019, 84, 9734-9743.	3.2	6
104	Iron Vanadates Synthesized from Hydrothermal Brines: Rb 2 FeV 6 O 16 , Cs 2 FeV 6 O 16 , and SrFe 3 V 18 O 38. European Journal of Inorganic Chemistry, 2019, 2019, 4538-4545.	2.0	6
105	Hydrothermal synthesis and structural characterization of several complex rare earth tantalates: Ln2TaO5(OH) (Ln = La, Pr) and Ln3Ta2O9(OH) (Ln = Pr, Nd). Dalton Transactions, 2019, 48, 7704-7713.	3.3	6
106	Hydrothermal synthesis of lanthanide rhenium oxides: Structures and magnetism of Ln2Re2O7(OH) (Ln) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	6
107	Hydrothermal crystal growth of 2-D and 3-D barium rare earth germanates: BaREGeO4(OH) and BaRE10(GeO4)4O8 (REÂ= Ho, Er). Journal of Alloys and Compounds, 2019, 786, 489-497.	5.5	6
108	A comparison of the metal-ligand interactions of the pentafluorophenylethynyl and trifluoropropynyl ligands in transition metal cyclam complexes. Inorganica Chimica Acta, 2019, 486, 141-149.	2.4	6

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109	Chemistry of Metal Silicates and Germanates: The Largest Metal Polygermanate, K11Mn21Ge32O86(OH)9(H2O), with a 76 Ã... Periodic Lattice. Inorganic Chemistry, 2020, 59, 16804-16808.	4.0	6
110	Yb:Lu2O3 hydrothermally grown single-crystal high-resolution absorption spectra obtained between 8 and 300ÂK. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	6
111	Perfluoropyridine as an Efficient, Tunable Scaffold for Bis(pyrazolâ€1â€yl)pyridine Copper Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 1720-1727.	2.0	6
112	Stacking Faults and Shortâ€Range Magnetic Correlations in Single Crystal Y₅Ru₂O₁₂: A Structure with Ru^{+4.5} Oneâ€Dimensional Chains. Physica Status Solidi (B): Basic Research, 2021, 258, 2000197.	1.5	6
113	Guanidinium sulfates as directors of noncentrosymmetric structures. CrystEngComm, 2021, 23, 1643-1656.	2.6	6
114	One dimensional halogen bond design: Brâ‹¯N versus Iâ‹¯N with fluoroarenes. CrystEngComm, 2021, 23, 6098-6106.	2.6	6
115	Ferrite Materials Containing KagomÃ© Layers: Chemistry of Ba₂Fe₁₁Ge₂O₂₂ and K₂Co₄V₉O₂₂ Hexaferrites. Chemistry of Materials, 2021, 33, 2258-2266.	6.7	6
116	The reaction of thiourea and 1,3-dimethylthiourea towards organoiodines: oxidative bond formation and halogen bonding. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 599-609.	0.5	6
117	Preparation and X-Ray Crystal Structure of (2Z,4E)-5-(4-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 432 Td (phenyl)-3-hy Condensationâ€“Elimination of Dilithiated 1-Benzoylacetone with Substituted Benzaldehydes. Journal of Chemical Crystallography, 2013, 43, 629-635.	1.1	5
118	The (2,2â€²-bipyridine)PtI2 complex with 5,5â€²-modification of fluorous side chains: Orthogonal skeleton. Journal of Fluorine Chemistry, 2018, 206, 29-35.	1.7	5
119	High temperature hydrothermal synthesis of rare-earth titanates: synthesis and structure of RE₅Ti₄O₁₅(OH) (RE = La, Er), Sm₃TiO₅(OH)₃, RE₅Ti₂O₁₁(OH) (RE = Tmâ€“Lu) and Ce₂Ti₄O₁₁. Dalton Transactions, 2018, 47, 6754-6762.	3.3	5
120	Synthesis, structure and magnetic properties of Ba3M2Ge4O14 (M = Mn and Fe): Quasi-one-dimensional zigzag chain compounds. Journal of Solid State Chemistry, 2020, 283, 121090.	2.9	5
121	Sodium Transition Metal Vanadates from Hydrothermal Brines: Synthesis and Characterization of NaMn 4 (VO 4) 3 , Na 2 Mn 3 (VO 4) 3 , and Na 2 Co 3 (VO 4) 2 (OH) 2. European Journal of Inorganic Chemistry, 2020, 2020, 3408-3415.	2.0	5
122	Ethyleneâ€Bridged Tetradentate Bis(amidines): Supramolecular Assemblies through Hydrogen Bonding and Photoluminescence upon Deprotonation. European Journal of Organic Chemistry, 2020, 2020, 3243-3250.	2.4	5
123	Role of the Trifluoropropynyl Ligand in Blue-Shifting Charge-Transfer States in Emissive Pt Diimine Complexes and an Investigation into the PMMA-Imposed Rigidoluminescence and Rigidochromism. Inorganic Chemistry, 2022, 61, 11366-11376.	4.0	5
124	Hydrothermal synthesis and characterization of one dimensional chain structures of monolacunary Keggin polyoxoanions substituted with copper. Inorganica Chimica Acta, 2015, 427, 219-225.	2.4	4
125	Supramolecular architectures in two 1:1 cocrystals of 5-fluorouracil with 5-bromothiophene-2-carboxylic acid and thiophene-2-carboxylic acid. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 481-485.	0.5	4
126	Selective cation and anion guest binding in host selenazamacrocycles. Dalton Transactions, 2018, 47, 12066-12070.	3.3	4

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127	Zinc(II) thione and selone complexes: The effect of metal redox activity on ligand-based oxidation. Inorganica Chimica Acta, 2020, 502, 119379.	2.4	4
128	N-substituted 2-pyridinecarbothioamides and polypyridyl mixed-ligand cobalt(III)-containing complexes for photocatalytic hydrogen generation. Inorganica Chimica Acta, 2020, 510, 119726.	2.4	4
129	Crystal Structures of a New Polymorph of N-tert-butyl-2-thioimidazole, and Its 1,4-Diiodotetrafluorobenzene, Tetraiodoethylene, and Iodine Cocrystals. Journal of Chemical Crystallography, 2022, 52, 62-72.	1.1	4
130	Hydrothermal Synthesis of the Deep-UV NLO Material Sr2Be2B2O7. Materials Research Society Symposia Proceedings, 2004, 848, 76.	0.1	3
131	Synthesis and Characterization of Three New Hexaborates (Li5.5Fe0.5)FeCaB12O24, (Li5.5Fe0.5)FeSrB12O24 and (Li5.5Fe0.5)FeBaB12O24. Journal of Chemical Crystallography, 2013, 43, 96-102.	1.1	3
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