

Simon J. Coles

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.

718
papers

14,889
citations

54
h-index

91
g-index

820
ext. papers

16,189
ext. citations

4.4
avg, IF

6.36
L-index

#	Paper	IF	Citations
718	Unprecedented platinum(II) coordination compound of sterically hindered 3,3'-bis(NH-benzimidazol-2-yl)-2,2'-bipyridine ligand. <i>Inorganica Chimica Acta</i> , 2022 , 529, 120665	2.7	
717	Expanding the Repertoire of Low-Molecular-Weight Pentafluorosulfanyl-Substituted Scaffolds.. <i>ChemMedChem</i> , 2022 , e202100641	3.7	0
716	The spontaneous self-assembly of a molecular water pipe in 3D space.. <i>IUCrJ</i> , 2022 , 9, 364-369	4.7	1
715	Synthesis and characterization of a tertiary amine:boric acid (1:1) co-crystal and a neutral zwitterionic diamine pentaboron adduct. <i>Inorganica Chimica Acta</i> , 2022 , 539, 120998	2.7	
714	Bis-cyclometalated iridium(III) complexes with terpyridine analogues: syntheses, structures, spectroscopy and computational studies.. <i>RSC Advances</i> , 2021 , 11, 39718-39727	3.7	0
713	Tautomerism troubles: proton transfer modifies the stereochemical assignments in diastereoisomeric structures of spiro-cyclic 5-methyl-2-imidazol-4-amine dimers.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 1311-1315	0.7	0
712	Electrochemical oxidative -selective C(sp)-H chlorination of acrylamides. <i>Chemical Communications</i> , 2021 , 57, 12643-12646	5.8	4
711	Noria and its derivatives as hosts for chemically and thermally robust Type II porous liquids. <i>Chemical Science</i> , 2021 , 12, 14230-14240	9.4	0
710	Polysubstituted Ligand Framework for Color Tuning Phosphorescent Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 15467-15484	5.1	1
709	Room-Temperature Cu(II) Radical-Triggered Alkyne C-H Activation. <i>Jacs Au</i> , 2021 , 1, 1937-1948		0
708	Translating the InChI: adapting neural machine translation to predict IUPAC names from a chemical identifier. <i>Journal of Cheminformatics</i> , 2021 , 13, 79	8.6	0
707	Complementary Syntheses Giving Access to a Full Suite of Differentially Substituted Phthalocyanine-Porphyrin Hybrids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7632-7636	16.4	4
706	A Series of Crystallographically Characterized Linear and Branched π -Alkane Complexes of Rhodium: From Propane to 3-Methylpentane. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5106-5120	16.4	6
705	Tris(oxalato)chromate(III) hybrid salts templated by pyridinium and mixed pyridinium-ammonium cations: synthesis, structures and magnetism. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 1209-1221	1.6	0
704	Complementary Syntheses Giving Access to a Full Suite of Differentially Substituted Phthalocyanine-Porphyrin Hybrids. <i>Angewandte Chemie</i> , 2021 , 133, 7710-7714	3.6	
703	N-carbamate protected amino acid derived guanidine organocatalysts. <i>Tetrahedron</i> , 2021 , 89, 132093	2.4	1
702	Synthesis and biological evaluation of benzodiazepines containing a pentafluorosulfanyl group. <i>Tetrahedron</i> , 2021 , 85, 132020	2.4	2

701	New Spin-Crossover Compounds Containing the [Ni(mnt)] Anion (mnt = Maleonitriledithiolate). <i>Magnetochemistry</i> , 2021 , 7, 72	3.1	1
700	Morpholine- and Thiomorpholine-Based Amidodithiophosphonato Nickel Complexes: Synthesis, Characterization, P-N Cleavage, Antibacterial Activity and Silica Nano-Dispersion. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 2879-2891	1.3	0
699	Structural variability and thermally-induced mesomorphisms in complexes of copper(II) with 4-halobenzoates, 2,2'-bipyridine and 4,4'-bis(dodecyl)-2,2'-bipyridine. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 1947-1964	1.6	
698	Synthetic Route to 1,1',2,2'-Tetraiodoferrocene That Avoids Isomerization and the Electrochemistry of Some Tetrahaloferrocenes. <i>Organometallics</i> , 2021 , 40, 2496-2503	3.8	3
697	Insights into the structure-property relationship of pharmaceutical co-crystals: Charge density and quantum chemical approaches. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129270	3.4	0
696	Spectroscopic, structural and DFT studies of luminescent Pt(II) and Ag(I) complexes with an asymmetric 2,2'-bipyridine chelating ligand. <i>Journal of Molecular Structure</i> , 2021 , 1223, 129271	3.4	4
695	Two isostructural oxalato-bridged dimetallic heptanuclear [M ₂ L ₃ O ₄] complexes (M = Cr; Fe) associated with 3-aminopyridinium cations: Synthesis, crystal structure and magnetic properties. <i>Polyhedron</i> , 2021 , 193, 114885	2.7	3
694	Iridium(III) Sensitisers and Energy Upconversion: The Influence of Ligand Structure upon TTA-UC Performance. <i>Chemistry - A European Journal</i> , 2021 , 27, 3427-3439	4.8	5
693	Cocrystal Formulations: Evaluation of the Impact of Excipients on Dissolution by Molecular Simulation and Experimental Approaches. <i>Crystal Growth and Design</i> , 2021 , 21, 1006-1018	3.5	4
692	A Stereoselective aza-Prins Reaction: Rapid Access to Enantiopure Piperidines and Pipecolic Acids. <i>Journal of Organic Chemistry</i> , 2021 , 86, 2076-2089	4.2	3
691	First example of solid-state luminescent borasiloxane-based chiral helices assembled through N-B bonds. <i>Dalton Transactions</i> , 2021 , 50, 3782-3785	4.3	4
690	Exploiting host-guest chemistry to manipulate magnetic interactions in metallocupramolecular ML tetrahedral cages. <i>Chemical Science</i> , 2021 , 12, 5134-5142	9.4	5
689	Synthesis and Structures of 1,1',2-Tribromoferrocene, 1,1',2,2'-Tetrabromoferrocene, 1,1',2,2'-Tetrabromoruthenocene: Expanding the Range of Precursors for the Metallocene Chemist Toolkit. <i>Australian Journal of Chemistry</i> , 2021 , 74, 204	1.2	5
688	Switching-On Fluorescence by Copper (II) and Basic Anions: A Case Study with a Pyrene-Functionalized Squaramide. <i>Molecules</i> , 2021 , 26,	4.8	4
687	Complex structures arising from the self-assembly of a simple organic salt. <i>Nature</i> , 2021 , 590, 275-278	50.4	7
686	1,1',2,2'-Tetralithioferrocene and 1,1',2,2',3,3'-Hexalithioferrocene: Useful Additions to Ferrocene Precursor Compounds. <i>Organometallics</i> , 2021 , 40, 600-605	3.8	3
685	Ferrocenylmethylphosphanes and the Alpha Process for Methoxycarbonylation: The Original Story. <i>Inorganics</i> , 2021 , 9, 57	2.9	1
684	FAIR and Open Data in Science: The Opportunity for IUPAC. <i>Chemistry International</i> , 2021 , 43, 12-16	1.6	1

683	Oxidoborates Templated by Cationic Nickel(II) Complexes and Self-Assembled from B(OH) ₃ . <i>Inorganics</i> , 2021 , 9, 68	2.9	0
682	A multicenter randomized controlled trial indicates that paclitaxel-coated balloons provide no benefit for arteriovenous fistulas. <i>Kidney International</i> , 2021 , 100, 447-456	9.9	14
681	Coordination Chemistry and Sensing Properties Towards Anions and Metal Ions of a Simple Fluorescent Urea. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3878	2.3	2
680	Mapping of N–C Bond Formation from a Series of Crystalline Peri-Substituted Naphthalenes by Charge Density and Solid-State NMR Methodologies. <i>Angewandte Chemie</i> , 2021 , 133, 24071	3.6	
679	Mapping of N–C Bond Formation from a Series of Crystalline Peri-Substituted Naphthalenes by Charge Density and Solid-State NMR Methodologies. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23878-23884	16.4	1
678	A manganese (II) dimer bearing the reduced derivatives of nitronyl nitroxides. <i>Polyhedron</i> , 2021 , 209, 115427	2.7	1
677	N2S2 pyridinophane-based fluorescent chemosensors for selective optical detection of Cd ²⁺ in soils. <i>New Journal of Chemistry</i> , 2020 , 44, 20834-20852	3.6	5
676	Leading Edge Chemical Crystallography Service Provision and Its Impact on Crystallographic Data Science in the Twenty-First Century. <i>Structure and Bonding</i> , 2020 , 69-140	0.9	0
675	FAIR Principles: Interpretations and Implementation Considerations. <i>Data Intelligence</i> , 2020 , 2, 10-29	3	66
674	Halogenated isophthalamides and dipicolineamides: the role of the halogen substituents in the anion binding properties. <i>Dalton Transactions</i> , 2020 , 49, 9231-9238	4.3	2
673	Reaktitelbild: A Structurally Characterized Cobalt(I) η -Alkane Complex (Angew. Chem. 15/2020). <i>Angewandte Chemie</i> , 2020 , 132, 6349-6349	3.6	
672	Straightforward and Controlled Synthesis of Porphyrin-Phthalocyanine-Porphyrin Heteroleptic Triple-Decker Assemblies. <i>Chemistry - A European Journal</i> , 2020 , 26, 10724-10728	4.8	2
671	Proline derived guanidine catalysts forge extensive H-bonded architectures: a solution and solid state study.. <i>RSC Advances</i> , 2020 , 10, 22397-22416	3.7	2
670	A practical guide to the measurement of turbidity curves of cooling crystallisations from solution. <i>CrystEngComm</i> , 2020 , 22, 1865-1874	3.3	0
669	A Structurally Characterized Cobalt(I) η -Alkane Complex. <i>Angewandte Chemie</i> , 2020 , 132, 6236-6240	3.6	2
668	Hydride Transfer to Gold: Yes or No? Exploring the Unexpected Versatility of Au–H–M Bonding in Heterobimetallic Dihydrides. <i>Chemistry - A European Journal</i> , 2020 , 26, 8267-8280	4.8	4
667	A Structurally Characterized Cobalt(I) η -Alkane Complex. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6177-6181	16.4	14
666	Carbon-Phosphorus Coupling from C [^] N Cyclometalated Au Complexes. <i>Chemistry - A European Journal</i> , 2020 , 26, 4226-4231	4.8	15

665	Spectroscopic and Theoretical Investigation of Color Tuning in Deep-Red Luminescent Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 2266-2277	5.1	17
664	Antibacterial Activity of Amidodithiophosphonato Nickel(II) Complexes: An Experimental and Theoretical Approach. <i>Molecules</i> , 2020 , 25,	4.8	2
663	Lanthanide tri- and tetrathionates and their complexes with triphenylphosphine oxide. <i>Polyhedron</i> , 2020 , 179, 114404	2.7	
662	Merging Cu-catalysed C-H functionalisation and intramolecular annulations: computational and experimental studies on an expedient construction of complex fused heterocycles. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1235-1242	5.2	2
661	Transformation of a Norbornadiene Unit to Ethylenylcyclopentene Requiring Cooperation between Boron and Rhodium Centers. <i>Organometallics</i> , 2020 , 39, 1976-1988	3.8	3
660	Crystal structure of '[4-(di-methyl-amino)-benzyl-idene]furan-2-carbohydrazide monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 660-663	0.7	2
659	Taking FAIR on the ChIN: The Chemistry Implementation Network. <i>Data Intelligence</i> , 2020 , 2, 131-138	3	7
658	Helping the Consumers and Producers of Standards, Repositories and Policies to Enable FAIR Data. <i>Data Intelligence</i> , 2020 , 2, 151-157	3	6
657	Management of acute and chronic iliofemoral venous outflow obstruction: a multidisciplinary team consensus. <i>International Angiology</i> , 2020 , 39, 3-16	2.2	7
656	Shedding light on the use of Cu(ii)-salen complexes in the A coupling reaction. <i>Dalton Transactions</i> , 2020 , 49, 289-299	4.3	11
655	Meta-analysis: the molecular organization of non-fullerene acceptors. <i>Materials Horizons</i> , 2020 , 7, 1062-1072	10.7	24
654	Stimulation of insulin secretion by 5-methylcoumarins and its sulfur analogues isolated from <i>Clutia lanceolata</i> Forssk. <i>Phytochemistry</i> , 2020 , 170, 112213	4	4
653	Novel benzothiazole half-squaraines: model chromophores to study dye-TiO ₂ interactions in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 22191-22205	13	1
652	Morin-type transition in 5C pyrrhotite. <i>American Mineralogist</i> , 2020 , 105, 1404-1411	2.9	
651	Oxidopolyborate chemistry: The self-assembled, templated, synthesis, and an XRD study of a 1-D coordination polymer, [Cu(en){B ₆ O ₇ (OH) ₆ }]·3H ₂ O (en = 1,2-diaminoethane). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020 , 195, 952-956	1	2
650	Comparative biological evaluation and G-quadruplex interaction studies of two new families of organometallic gold(I) complexes featuring N-heterocyclic carbene and alkynyl ligands. <i>Journal of Inorganic Biochemistry</i> , 2020 , 202, 110844	4.2	25
649	Quinine based ionic liquids: A tonic for base instability. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111773	6	7
648	Oxidopolyborate anions templated by transition-metal complex cations: Self-assembled syntheses and structural studies (XRD) of [Co(NH ₃) ₆] ₂ [B ₄ O ₅ (OH) ₄] ₃ ·11H ₂ O, [Ni(phen) ₃][B ₇ O ₉ (OH) ₅]·9.5H ₂ O and [Zn(dac) ₂ (H ₂ O) ₂][B ₇ O ₉ (OH) ₅]·H ₂ O. <i>Journal of Molecular Structure</i> , 2020 , 1200, 127071	3.4	4

- 647 Supramolecular assemblies tailored by dipyritydyl-1,2,4-thiadiazoles: influence of the building blocks in the predictability of the final network. *Supramolecular Chemistry*, **2020**, 32, 267-275 1.8 4
- 646 Spectroscopic, EPR, X-ray structural, and DFT studies of the complex compound of N4-donor ligand with copper(II). *Journal of Molecular Structure*, **2020**, 1214, 128204 3.4 2
- 645 Photoconducting Devices with Response in the Visible-Near-Infrared Region Based on Neutral Ni Complexes of Aryl-1,2-dithiolene Ligands. *Inorganic Chemistry*, **2020**, 59, 6410-6421 5.1 7
- 644 Copper(2+) complexes of hydroxyoxidopolyborates: Synthesis and characterization of [Cu(MeNHCH₂CH₂NMeH)₂(H₂O)₂][B₅O₆(OH)₄]₂.2B(OH)₃. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2019**, 194, 948-951 1 2
- 643 Fluoride binding by an anionic receptor: tuning the acidity of amide NH groups for basic anion hydrogen bonding and recognition. *Chemical Communications*, **2019**, 55, 2745-2748 5.8 25
- 642 Fluorescent functionalised naphthalimides and their Au(I)-NHC complexes for potential use in cellular bioimaging. *Dalton Transactions*, **2019**, 48, 1599-1612 4.3 12
- 641 Twists to the Spin Structure of the Ln-diabolo Motif Exemplified in Two {ZnLn}[Ln]{Zn} Coordination Clusters. *Inorganic Chemistry*, **2019**, 58, 2483-2490 5.1 4
- 640 Cerium(III) and cerium(IV) nitrate complexes of trialkylphosphine oxides. *Polyhedron*, **2019**, 161, 346-351. 2.7 3
- 639 Crowding out: ligand modifications and their structure directing effects on brucite-like {M(EDH)} (M = Co(II), Ni(II)) core growth within polymetallic cages. *Dalton Transactions*, **2019**, 48, 1477-1488 4.3 4
- 638 Elucidating cytospermopsin toxicity via synthetic analogues: An *in vitro* approach. *Chemosphere*, **2019**, 234, 139-147 8.4 11
- 637 Highly efficient fullerene and non-fullerene based ternary organic solar cells incorporating a new tetrathiocin-cored semiconductor. *Sustainable Energy and Fuels*, **2019**, 3, 2087-2099 5.8 8
- 636 Cocrystals of Leflunomide: Design, Structural, and Physicochemical Evaluation. *Crystal Growth and Design*, **2019**, 19, 3923-3933 3.5 10
- 635 Mono- and ditopic hydroxamate ligands towards discrete and extended network architectures. *Dalton Transactions*, **2019**, 48, 10180-10190 4.3 3
- 634 Solvent-Free Synthesis and Key Intermediate Isolation in NiDy Catalyst Development in the Domino Ring-Opening Electrocyclization Reaction of Furfural and Amines. *Journal of Organic Chemistry*, **2019**, 84, 6858-6867 4.2 12
- 633 Metal transition complexes of tridentate Schiff base ligands derived from 2-hydrazinopyridine: synthesis, spectroscopic characterization and X-ray structures. *Transition Metal Chemistry*, **2019**, 44, 415-423 2.1 23
- 632 Dual visible/NIR emission from organometallic iridium(III) complexes. *Journal of Organometallic Chemistry*, **2019**, 893, 11-20 2.3 12
- 631 Hexaborate(2-) and Dodecaborate(6-) Anions as Ligands to Zinc(II) Centres: Self-Assembly and Single-Crystal XRD Characterization of [Zn{B₆O₇(OH)₆}(B₃N-dien)]₂.5H₂O (dien = NH(CH₂CH₂NH₂)₂), (NH₄)₂[Zn{B₆O₇(OH)₆}(H₂O)₂]₂.2H₂O and (1,3-bis(2-hydroxyethyl)ammonium) zinc hexaborate [Zn{B₆O₇(OH)₆}(H₂O)₂]₂.4H₂O (1,3-bis = 1,3-diaminopropane). *Inorganic Chemistry*, **2019**, 58, 2483-2490 2.9 7
- 630 Copper(2+) Complexes of Hydroxyoxidoborates. Synthesis and Characterization of Two Clusters Containing the Hexaborate(2-) Ligand: [Cu(NH₂CH₂CH₂NET₂){B₆O₇(OH)₆}]₂.5H₂O and [Cu(NH₃)₂{B₆O₇(OH)₆}]₂.2H₂O. *Journal of Cluster Science*, **2019**, 30, 599-605 3 5

629	Pentaborate(1-) Salts and a Tetraborate(2-) Salt Derived from C- or C-Linked Bis(alkylammonium) Dications: Synthesis, Characterization, and Structural (XRD) Studies. <i>Molecules</i> , 2019 , 25,	4.8	1
628	Synthesis and XRD study of an C2-linked bis(quaternary ammonium) pentaborate: [Me ₃ NCH ₂ CH ₂ NMe ₃][B ₅ O ₆ (OH) ₄] ₂ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019 , 194, 952-955	1	1
627	All about that base: investigating the role of ligand basicity in pyridyl complexes derived from a copper-Schiff base coordination polymer. <i>Dalton Transactions</i> , 2019 , 48, 15553-15559	4.3	4
626	Adding to the Family of Copper Complexes Featuring Borohydride Ligands Based on 2-Mercaptopyridyl Units. <i>Inorganics</i> , 2019 , 7, 93	2.9	1
625	Novel epidithiodiketopiperazines as anti-viral zinc ejectors of the Feline Immunodeficiency Virus (FIV) nucleocapsid protein as a model for HIV infection. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 4174-4184	3.4	5
624	Noncovalent Close Contacts in Fluorinated Thiophene-Phenylene-Thiophene Conjugated Units: Understanding the Nature and Dominance of O-H versus S-H and O-F Interactions with Respect to the Control of Polymer Conformation. <i>Chemistry of Materials</i> , 2019 , 31, 7070-7079	9.6	12
623	Generating cis-aza-diaryl and triaryl ethers via organoborsted acid catalysed aza-Darzens chemistry. <i>Tetrahedron</i> , 2019 , 75, 130532	2.4	1
622	Radiation damage in small-molecule crystallography: fact not fiction. <i>IUCrJ</i> , 2019 , 6, 703-713	4.7	18
621	Application of Transmetalation to the Synthesis of Planar Chiral and Chiral-at-Metal Iridacycles. <i>Organometallics</i> , 2019 , 38, 1099-1107	3.8	5
620	Hysteretic thermal spin-crossover in heteroleptic Fe(ii) complexes using alkyl chain substituted 2,2'-dipyridylamine ligands. <i>Dalton Transactions</i> , 2019 , 48, 17340-17348	4.3	4
619	The Asymmetric Aza-silyl-Prins Reaction: Synthesis of Enantiopure Piperidines. <i>Organic Letters</i> , 2019 , 21, 350-355	6.2	9
618	Metal-Organic Frameworks Constructed from Group 1 Metals (Li, Na) and Silicon-Centered Linkers. <i>Crystal Growth and Design</i> , 2019 , 19, 487-497	3.5	10
617	Exploration and Development of a C-H-Activated Route to Access the [1,2]Dithiolo[4,3-b]indole-3(4H)-thione Core and Related Derivatives. <i>Synlett</i> , 2019 , 30, 156-160	2.2	3
616	The Curious Case of Acetaldehyde Phenylhydrazone: Resolution of a 120 Year Old Puzzle where Forms with Vastly Different Melting Points Have the Same Structure. <i>Crystal Growth and Design</i> , 2019 , 19, 907-917	3.5	5
615	Syntheses, X-ray structures and characterisation of luminescent chromium(III) complexes incorporating 8-quinolinato ligands. <i>Polyhedron</i> , 2019 , 157, 396-405	2.7	4
614	Stopping Hydrogen Migration in Its Tracks: The First Successful Synthesis of Group Ten Scorpionate Complexes Based on Azaindole Scaffolds. <i>Inorganic Chemistry</i> , 2019 , 58, 359-367	5.1	7
613	Methoxy-phenyl groups reduce the cytotoxicity and increase the aqueous solubility of phosphonium zwitterions and salts. <i>Polyhedron</i> , 2019 , 158, 515-523	2.7	3
612	Studies on the structural diversity of MOFs containing octahedral siloxane-backboned connectors. <i>Polyhedron</i> , 2019 , 157, 25-32	2.7	4

611	Broadband near-IR absorbing Au-dithiolene complexes bearing redox-active oligothiophene ligands. <i>Dalton Transactions</i> , 2018 , 48, 107-116	4.3	2
610	Dinucleating Schiff base ligand in Zn/4f coordination chemistry: synthetic challenges and catalytic activity evaluation. <i>Dalton Transactions</i> , 2018 , 47, 4486-4493	4.3	12
609	Noncovalent Interactions of π -Systems with Sulfur: The Atomic Chameleon of Molecular Recognition. <i>Angewandte Chemie</i> , 2018 , 130, 1207-1212	3.6	13
608	Novel dichloro(bis{2-[1-(4-methylphenyl)-1H-1,2,3-triazol-4-yl- π 3]}pyridine- π 1})metal(II) coordination compounds of seven transition metals (Mn, Fe, Co, Ni, Cu, Zn and Cd). <i>Polyhedron</i> , 2018 , 151, 243-254	2.7	6
607	Ligand-Tuneable, Red-Emitting Iridium(III) Complexes for Efficient Triplet-Triplet Annihilation Upconversion Performance. <i>Chemistry - A European Journal</i> , 2018 , 24, 8577-8588	4.8	17
606	High-resolution X-ray diffraction determination of the electron density of 1-(8-PhSCH)SS(CHSPH-8')-1' with the QTAIM approach: evidence for S (4c-6e) at the naphthalene -positions.. <i>RSC Advances</i> , 2018 , 8, 9651-9660	3.7	9
605	Polynuclear ampyrone based 3d coordination clusters. <i>CrystEngComm</i> , 2018 , 20, 1411-1421	3.3	3
604	Synthesis, characterization, experimental and theoretical structure of novel Dichloro(bis{2-[1-(4-methoxyphenyl)-1H-1,2,3-triazol-4-yl- π 3]}pyridine- π 1})metal(II) compounds, metal π - Mn, Co and Ni. <i>Journal of Molecular Structure</i> , 2018 , 1161, 89-99	3.4	5
603	Synthesis and biological evaluation of ferrocene-based cannabinoid receptor 2 ligands. <i>Future Medicinal Chemistry</i> , 2018 , 10, 631-638	4.1	6
602	Amine adducts of (4-ClC ₆ H ₄) ₃ B ₃ O ₃ , Lewis acidity of triarylboroxines, and an XRD study on the related tetraphenylboroxinate(1-) salt, [C ₆ H ₁₁ NMe ₃][Ph ₄ B ₃ O ₃]. <i>Journal of Organometallic Chemistry</i> , 2018 , 865, 72-79	2.3	2
601	Stereoselective and Stereospecific Reactions of Cobalt Sandwich Complexes: Synthesis of a New Class of Single Enantiomer Bulky Planar Chiral P-N and P-P Ligands. <i>Chemistry - A European Journal</i> , 2018 , 24, 4310-4319	4.8	8
600	Investigating the effect of heteroatom substitution in 2,1,3-benzoxadiazole and 2,1,3-benzothiadiazole compounds for organic photovoltaics. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3709-3714	7.1	7
599	Modular [FeM] (M = Pd, Co, Ni, Cu) Coordination Cages. <i>Inorganic Chemistry</i> , 2018 , 57, 3500-3506	5.1	11
598	Copper(ii)-benzotriazole coordination compounds in click chemistry: a diagnostic reactivity study. <i>Dalton Transactions</i> , 2018 , 47, 10491-10508	4.3	10
597	Transition-metal complexes with oxidoborates. Synthesis and XRD characterization of [(H ₃ NCH ₂ CH ₂ NH ₂)Zn{BO ₂ O ₂ -B ₁₂ O ₁₈ (OH) ₆ - π 1O ₂ }]Zn(en)(NH ₂ CH ₂ CH ₂ NH ₃)]B ₁₂ H ₂ O (en=1,2-diaminoethane): a neutral bimetallic zwitterionic polyborate system containing the isolated dodecaborate(6-) anion. <i>Pure and Applied Chemistry</i> , 2018 , 90, 625-632	2.1	6
596	N1-Arylation of 1,4-Benzodiazepine-2-ones with Diaryliodonium Salts. <i>Synlett</i> , 2018 , 29, 193-198	2.2	2
595	Trisiloxane-centred metal-organic frameworks and hydrogen bonded assemblies. <i>CrystEngComm</i> , 2018 , 20, 4541-4545	3.3	4
594	Preparation and reactivity of rhodium and iridium complexes containing a methylborohydride based unit supported by two 7-azaindolyl heterocycles. <i>Dalton Transactions</i> , 2018 , 47, 11047-11057	4.3	6

593	Probing the Anticancer Action of Novel Ferrocene Analogues of MNK Inhibitors. <i>Molecules</i> , 2018 , 23,	4.8	13
592	Synthesis and Reactivity of N-Allenyl Cyanamides. <i>Organic Letters</i> , 2018 , 20, 5282-5285	6.2	10
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