

David B Cordes

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.

245
papers

6,294
citations

38
h-index

71
g-index

271
ext. papers

7,260
ext. citations

5.4
avg, IF

6.06
L-index

#	Paper	IF	Citations
245	Enhancing Thermally Activated Delayed Fluorescence by Fine-Tuning the Dendron Donor Strength.. <i>Journal of Physical Chemistry B</i> , 2022 ,	3.4	2
244	Scope, Limitations and Mechanistic Analysis of the HyperBTM-Catalyzed Acylative Kinetic Resolution of Tertiary Heterocyclic Alcohols**. <i>European Journal of Organic Chemistry</i> , 2022 , 2022, e202101111 ²	3.2	11 ²
243	A Low-Spin Coll/Nitroxide Complex for Distance Measurements at Q-Band Frequencies. <i>Magnetochemistry</i> , 2022 , 8, 43	3.1	
242	Synthesis of Indoloquinolines: An Intramolecular Cyclization Leading to Advanced Perophoramidine-Relevant Intermediates. <i>Molecules</i> , 2021 , 26,	4.8	1
241	Thermally Activated Delayed Fluorescence Emitters with Intramolecular Proton Transfer for High Luminance Solution-Processed Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15459-15474	9.5	9
240	Investigation of Intramolecular Through-Space Charge-Transfer States in Donor-Acceptor Charge-Transfer Systems. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 2820-2830	6.4	12
239	Silicon redistribution, acid site loss and the formation of a core-shell texture upon steaming SAPO-34 and their impact on catalytic performance in the Methanol-to-Olefins (MTO) reaction. <i>Journal of Catalysis</i> , 2021 , 395, 425-444	7.3	9
238	Synthesis and Single Crystal Structures of -Substituted Benzamides and Their Chemoselective Selenation/Reduction Derivatives. <i>Molecules</i> , 2021 , 26,	4.8	2
237	Bridging (Thionylimido)metal Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 8423-8427	5.1	
236	Synthesis of Gold(I)-Trifluoromethyl Complexes and their Role in Generating Spectroscopic Evidence for a Gold(I)-Difluorocarbene Species. <i>Chemistry - A European Journal</i> , 2021 , 27, 8461-8467	4.8	2
235	Synthesis of Palladium complexes derived from Amido linked N-Heterocyclic Carbenes and their use in Suzuki cross coupling reactions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1334-1341	1.3	0
234	Wide-Bite-Angle Diphosphine Ligands in Thermally Activated Delayed Fluorescent Copper(I) Complexes: Impact on the Performance of Electroluminescence Applications. <i>Inorganic Chemistry</i> , 2021 , 60, 10323-10339	5.1	5
233	Progressive Polytypism and Bandgap Tuning in Azetidinium Lead Halide Perovskites. <i>Inorganic Chemistry</i> , 2021 , 60, 12247-12254	5.1	5
232	Isorecticular chemistry of scandium analogues of the multicomponent metal-organic framework MIL-142. <i>CrystEngComm</i> , 2021 , 23, 804-812	3.3	3
231	Organo Phosphorus-Sulfur-Nitrogen Heterocycles from Thionation of Schiff Bases. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 239-244	1.3	
230	Supramolecular packing of alkyl substituted Janus face all- 2,3,4,5,6-pentafluorocyclohexyl motifs. <i>Chemical Science</i> , 2021 , 12, 9712-9719	9.4	2
229	Cu(OTf) -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7935-7940	16.4	4

228	Cu(OTf) ₂ -Mediated Cross-Coupling of Nitriles and N-Heterocycles with Arylboronic Acids to Generate Nitrilium and Pyridinium Products**. <i>Angewandte Chemie</i> , 2021 , 133, 8014-8019	3.6	
227	New Variants of (110)-Oriented Layered Lead Bromide Perovskites, Templated by Formamidinium or Pyrazolium. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3404-3411	2.3	2
226	A Luminescent 1D Silver Polymer Containing [2.2]Paracyclophane Ligands. <i>Frontiers in Chemistry</i> , 2021 , 9, 728845	5	1
225	Janus All-Cis 2,3,4,5,6-Pentafluorocyclohexyl Building Blocks Applied to Medicinal Chemistry and Bioactives Discovery Chemistry. <i>Chemistry - A European Journal</i> , 2021 , 27, 16000-16005	4.8	0
224	Structural diversity in hybrid lead halides templated by 4-methylimidazolium. <i>Journal of Solid State Chemistry</i> , 2021 , 303, 122466	3.3	5
223	Physical and photophysical properties of a linear copper(I) complex of a bulky acenaphthene-based NHC ligand. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 361-379	1.6	2
222	Structural Variations in Manganese Halide Chain Compounds Mediated by Methylimidazolium Isomers. <i>Crystals</i> , 2020 , 10, 930	2.3	4
221	Phospholane-Phosphite Ligands for Rh Catalyzed Enantioselective Conjugate Addition: Unusually Reactive Catalysts for Challenging Couplings. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 3071-3076	3.7	1
220	Highly Fluorescent Emitters Based on Triphenylamine-Triazine (D-EA) System: Effect of Extended Conjugation on Singlet-Triplet Energy Gap. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1277-1285	3	4
219	The design of an extended multiple resonance TADF emitter based on a polycyclic amine/carbonyl system. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2018-2022	7.8	37
218	Novel Five- and Six-Membered Rings of Phosphorus-Selenium Heterocycles from Selenation of Amido-Schiff Bases. <i>ACS Omega</i> , 2020 , 5, 11737-11744	3.9	5
217	A Simplified Extractive Metallurgy Exercise to Demonstrate Selective Extraction of Copper. <i>Journal of Chemical Education</i> , 2020 , 97, 1203-1207	2.4	0
216	Reactivity of nickel metal precursors towards amido linked N-heterocyclic carbenes and their catalytic studies for cross coupling reactions. <i>Inorganica Chimica Acta</i> , 2020 , 504, 119446	2.7	1
215	Exciton efficiency beyond the spin statistical limit in organic light emitting diodes based on anthracene derivatives. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 3773-3783	7.1	13
214	Exploring the Scope of Tandem Palladium and Isothiourea Relay Catalysis for the Synthesis of β -Amino Acid Derivatives. <i>Molecules</i> , 2020 , 25,	4.8	3
213	Probing the helical integrity of multivincinal all-syn-fluoro alkanes. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 878-887	3.9	3
212	Unanticipated Silyl Transfer in Enantioselective β -Unsaturated Acyl Ammonium Catalysis Using Silyl Nitronates. <i>Organic Letters</i> , 2020 , 22, 335-339	6.2	11
211	A Pd ₃ L ₆ supramolecular cage incorporating photoactive [2.2]paracyclophane units. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 232-238	6.8	7

210	Synthetic and Crystallographic Investigation of the Layered Coordination Framework Copper-1,3-bis(4-carboxyphenyl)-5-ethoxybenzene. <i>Crystal Growth and Design</i> , 2020 , 20, 39-42	3.5	1
209	Bipyridine-Containing Host Materials for High Performance Yellow Thermally Activated Delayed Fluorescence-Based Organic Light Emitting Diodes with Very Low Efficiency Roll-Off. <i>Advanced Optical Materials</i> , 2020 , 8, 1901283	8.1	12
208	Improving Processability and Efficiency of Resonant TADF Emitters: A Design Strategy. <i>Advanced Optical Materials</i> , 2020 , 8, 1901627	8.1	85
207	Efficient Sky-Blue Organic Light-Emitting Diodes Using a Highly Horizontally Oriented Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Optical Materials</i> , 2020 , 8, 2001354	8.1	19
206	Janus Face All-cis 1,2,4,5-tetrakis(trifluoromethyl)- and All-cis 1,2,3,4,5,6-hexakis(trifluoromethyl)-Cyclohexanes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19905-19909	16.4	6
205	Preventing Undesirable Structure Flexibility in Pyromellitate Metal Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2537-2544	2.3	1
204	Janus Face All-cis 1,2,4,5-tetrakis(trifluoromethyl)- and All-cis 1,2,3,4,5,6-hexakis(trifluoromethyl)-Cyclohexanes. <i>Angewandte Chemie</i> , 2020 , 132, 20077-20081	3.6	3
203	Thionylimido Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1795-1798	1.3	2
202	Luminescent Dinuclear Copper(I) Complexes Bearing an Imidazolylpyrimidine Bridging Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 14772-14784	5.1	9
201	Ligand electronic fine-tuning and its repercussion on the photocatalytic activity and mechanistic pathways of the copper-photocatalysed aza-Henry reaction. <i>Catalysis Science and Technology</i> , 2020 , 10, 7745-7756	5.5	7
200	A Facile Synthesis of Robinson's NHC-Stabilised Diborane(4). <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3811-3814	2.3	2
199	Phosphorus-Bismuth -Substituted Acenaphthenes: A Synthetic, Structural, and Computational Study. <i>Inorganic Chemistry</i> , 2020 , 59, 5616-5625	5.1	8
198	Conversion of a microwave synthesized alkali-metal MOF to a carbonaceous anode for Li-ion batteries.. <i>RSC Advances</i> , 2020 , 10, 13732-13736	3.7	6
197	Fast Delayed Emission in New Pyridazine-Based Compounds. <i>Frontiers in Chemistry</i> , 2020 , 8, 572862	5	3
196	STA-27, a porous Lewis acidic scandium MOF with an unexpected topology type prepared with 2,3,5,6-tetrakis(4-carboxyphenyl)pyrazine. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5685-5701	13	18
195	Regression analysis of properties of [Au(IPr)(CHR)] complexes. <i>Dalton Transactions</i> , 2019 , 48, 7693-7703	4.3	4
194	Synthesis and reactivity of [Au(NHC)(Bpin)] complexes. <i>Chemical Communications</i> , 2019 , 55, 6799-6802	5.8	17
193	Structural Diversity in Tetrakis(4-pyridyl)porphyrin Supramolecular Building Blocks. <i>Crystal Growth and Design</i> , 2019 , 19, 3529-3542	3.5	4

192	Enhanced thermally activated delayed fluorescence through bridge modification in sulfone-based emitters employed in deep blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6664-6671	7.1	27
191	New insight into the chemistry of selenoureas: synthesis and single crystal structural study of diverse derivatives. <i>New Journal of Chemistry</i> , 2019 , 43, 7035-7043	3.6	6
190	Fluorine in pheromones: Synthesis of fluorinated 12-dodecanolides as emerald ash borer pheromone mimetics. <i>Tetrahedron</i> , 2019 , 75, 2917-2922	2.4	4
189	Conjugated, rigidified bibenzimidazole ancillary ligands for enhanced photoluminescence quantum yields of orange/red-emitting iridium(III) complexes. <i>Dalton Transactions</i> , 2019 , 48, 9639-9653	4.3	7
188	Synthesis of Fused Indoline-Cyclobutanone Derivatives via an Intramolecular [2+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 5169-5174	3.2	3
187	Fluorine containing cyclopropanes: synthesis of aryl substituted all-cis 1,2,3-trifluorocyclopropanes, a facially polar motif. <i>Chemical Communications</i> , 2019 , 55, 10539-10542	5.8	18
186	Synthesis and structural characterisation of the copper MOF: STAM-NMe ₂ . <i>CrystEngComm</i> , 2019 , 21, 5387-5391	3.3	3
185	Stable 6H Organic/Inorganic Hybrid Lead Perovskite and Competitive Formation of 6H and 3C Perovskite Structure with Mixed A Cations. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5427-5437	6.1	10
184	Electronic effects in mixed N-heterocyclic carbene/phosphite indenylidene ruthenium metathesis catalysts. <i>Dalton Transactions</i> , 2019 , 48, 11326-11337	4.3	6
183	Use of Pyrimidine and Pyrazine Bridges as a Design Strategy To Improve the Performance of Thermally Activated Delayed Fluorescence Organic Light Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 45171-45179	9.5	39
182	Reactivity of Woollins' Reagent toward 2-En-1-imines (Schiff Bases): A Facile Approach to Synthesize New Selenium-Phosphorus-Nitrogen Heterocycles. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4682-4689	2.3	5
181	Hydrogen-bonded mol-ecular salts of reduced benzo-thia-zole derivatives with carboxyl-ates: a robust (8) supra-molecular motif (even when disordered). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 167-174	0.7	0
180	A single crystal study of CPO-27 and UTSA-74 for nitric oxide storage and release. <i>CrystEngComm</i> , 2019 , 21, 1857-1861	3.3	15
179	Cu-NHC azide complex: synthesis and reactivity. <i>Chemical Communications</i> , 2019 , 55, 12068-12071	5.8	3
178	Unexpected μ -difluoroethers from Ag(I)F and N-bromosuccinimide reactions of dibenzo[a,e]cyclooctatetraene. <i>Chemical Communications</i> , 2019 , 55, 14295-14298	5.8	1
177	Mechanistic insights of anionic ligand exchange and fullerene reduction with magnesium(I) compounds. <i>Dalton Transactions</i> , 2019 , 48, 16936-16942	4.3	1
176	Hydrocarbon-soluble, hexaanionic fulleride complexes of magnesium. <i>Chemical Science</i> , 2019 , 10, 10755-10764	9.4	43
175	P-stereogenic wide bite angle diphosphine ligands. <i>Tetrahedron</i> , 2019 , 75, 47-56	2.4	6

174	Analyzing the Relation between Structure and Aggregation Induced Emission (AIE) Properties of Iridium(III) Complexes through Modification of Non-Chromophoric Ancillary Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 135-135	2.3	
173	Crystallographic Insights into the Behavior of Highly Acidic Metal Cations in Ionic Liquids from Reactions of Titanium Tetrachloride with [1-Butyl-3-Methylimidazolium][X] Ionic Liquids (X = Chloride, Bromide, Tetrafluoroborate). <i>Inorganic Chemistry</i> , 2019 , 58, 1764-1773	5.1	3
172	Analyzing the Relation between Structure and Aggregation Induced Emission (AIE) Properties of Iridium(III) Complexes through Modification of Non-Chromophoric Ancillary Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 152-163	2.3	15
171	Chiral Au - and Au -Isothiourea Complexes: Synthesis, Characterization and Application. <i>Chemistry - A European Journal</i> , 2019 , 25, 1064-1075	4.8	8
170	A Study of Through-Space and Through-Bond J Coupling in a Rigid Nonsymmetrical Bis(phosphine) and Its Metal Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 3387-3398	5.1	8
169	Phosphorescent cationic iridium(iii) complexes bearing a nonconjugated six-membered chelating ancillary ligand: a strategy for tuning the emission towards the blue. <i>Dalton Transactions</i> , 2018 , 47, 10564-10577	4.3	8
168	Metabolism and hydrophilicity of the polarised 'Janus face' all- tetrafluorocyclohexyl ring, a candidate motif for drug discovery. <i>Chemical Science</i> , 2018 , 9, 3023-3028	9.4	21
167	Application of One-Pot Three-Component Condensation Reaction for the Synthesis of New Organophosphorus Sulfur Macrocycles. <i>Synlett</i> , 2018 , 29, 1496-1501	2.2	1
166	Synthesis, Characterization, and Optoelectronic Properties of Iridium Complexes Bearing Nonconjugated Six-Membered Chelating Ligands. <i>Inorganic Chemistry</i> , 2018 , 57, 2023-2034	5.1	8
165	Modulator-Controlled Synthesis of Microporous STA-26, an Interpenetrated 8,3-Connected Zirconium MOF with the <i>tdi</i> Topology, and its Reversible Lattice Shift. <i>Chemistry - A European Journal</i> , 2018 , 24, 6115-6126	4.8	14
164	Synthesis, Characterization, and Catalytic Properties of Iridium Pincer Complexes Containing NH Linkers. <i>Organometallics</i> , 2018 , 37, 30-39	3.8	12
163	A C=O...Isothiourenium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3200-3206	16.4	77
162	A C=O...Isothiourenium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. <i>Angewandte Chemie</i> , 2018 , 130, 3254-3260	3.6	38
161	Nitroxide-nitroxide and nitroxide-metal distance measurements in transition metal complexes with two or three paramagnetic centres give access to thermodynamic and kinetic stabilities. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 11196-11205	3.6	26
160	Reactivity of hemilabile pyridyl- and methyl-substituted pyrimidylselenolates with [MCl ₂ (dppf)] (M = Pd, Pt; dppf = bis(diphenylphosphino)ferrocene). <i>Inorganica Chimica Acta</i> , 2018 , 478, 125-129	2.7	13
159	Insights into the Catalytic Activity of [Pd(NHC)(cin)Cl] (NHC=IPr, IPrCl, IPrBr) Complexes in the Suzuki-Miyaura Reaction. <i>ChemCatChem</i> , 2018 , 10, 601-611	5.2	14
158	Synthesis, characterization and antimicrobial activity of some nickel, cadmium and mercury complexes of 5-methyl pyrazole-3-yl-N-(2-methylthiophenyl) methyleneimine, (MPzOATA) ligand. <i>Journal of Molecular Structure</i> , 2018 , 1152, 189-198	3.4	23
157	Polymorphism, Weak Interactions and Phase Transitions in Chalcogen-Phosphorus Heterocycles. <i>Chemistry - A European Journal</i> , 2018 , 24, 11067-11081	4.8	2

156	Normal and abnormal NHC coordination in cationic hydride iodide complexes of aluminium. <i>Dalton Transactions</i> , 2018 , 47, 10281-10287	4.3	9
155	Synthesis, characterization and antimicrobial activities of Co(III) and Ni(II) complexes with 5-methyl-3-formylpyrazole-N(4)-dihexylthiosemicarbazone (HMPzNHex2): X-ray crystallography and DFT calculations of [Co(MPzNHex2)2]ClO4·.5H2O (I) and [Ni(HMPzNHex2)2]Cl2·2H2O (II). <i>Inorganica Chimica Acta</i> , 2018 , 463, 271-283	2.7	4
154	Marigold Flower-Like Assemblies of Phosphorescent Iridium-Silver Coordination Polymers. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800501	4.8	2
153	Template or ligand? Different structural behaviours of aromatic amines in combination with zinc-phosphite networks. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1411-1416	0.7	1
152	A panchromatic, near infrared Ir(III) emitter bearing a tripodal C ^N C ligand as a dye for dye-sensitized solar cells. <i>Polyhedron</i> , 2018 , 140, 109-115	2.7	9
151	Synthesis of the natural product descurainolide and cyclic peptides from lignin-derived aromatics. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 266-273	3.9	4
150	High-Efficiency Deep-Blue-Emitting Organic Light-Emitting Diodes Based on Iridium(III) Carbene Complexes. <i>Advanced Materials</i> , 2018 , 30, e1804231	24	101
149	Deep-Blue Oxadiazole-Containing Thermally Activated Delayed Fluorescence Emitters for Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 33360-33372	9.5	58
148	Diverse Derivatives of Selenoureas: A Synthetic and Single Crystal Structural Study. <i>Molecules</i> , 2018 , 23,	4.8	6
147	An investigation on the second-order nonlinear optical response of cationic bipyridine or phenanthroline iridium(III) complexes bearing cyclometallated 2-phenylpyridines with a triphenylamine substituent. <i>Dalton Transactions</i> , 2018 , 47, 8292-8300	4.3	14
146	20-1: Invited Paper: Towards Deep-Blue Materials with Efficient Triplet Harvesting. <i>Digest of Technical Papers SID International Symposium</i> , 2018 , 49, 239-242	0.5	1
145	A luminescent [PdRu] supramolecular cage. <i>Chemical Communications</i> , 2018 , 54, 6016-6019	5.8	15
144	Fluorinated cyclopropanes: synthesis and chemistry of the aryl trifluorocyclopropane motif. <i>Chemical Communications</i> , 2018 , 54, 8415-8418	5.8	17
143	6-exo-trig Michael addition-lactonizations for catalytic enantioselective chromenone synthesis. <i>Chemical Communications</i> , 2017 , 53, 2555-2558	5.8	19
142	Cooperative Binding in a Phosphine Oxide-Based Halogen Bonded Dimer Drives Supramolecular Oligomerization. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1986-1995	4.2	23
141	Porous zinc and cobalt 2-nitroimidazolate frameworks with six-membered ring windows and a layered cobalt 2-nitroimidazolate polymorph. <i>CrystEngComm</i> , 2017 , 19, 1377-1388	3.3	4
140	An Unprecedented Family of Luminescent Iridium(III) Complexes Bearing a Six-Membered Chelated Tridentate C ^N C Ligand. <i>Inorganic Chemistry</i> , 2017 , 56, 5182-5188	5.1	16
139	Characterization and photocatalytic behavior of 2,9-di(aryl)-1,10-phenanthroline copper(I) complexes. <i>Dalton Transactions</i> , 2017 , 46, 6553-6569	4.3	30

138	A Highly Active Manganese Catalyst for Enantioselective Ketone and Ester Hydrogenation. <i>Angewandte Chemie</i> , 2017 , 129, 5919-5922	3.6	50
137	A Highly Active Manganese Catalyst for Enantioselective Ketone and Ester Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5825-5828	16.4	165
136	A simple synthetic entryway into palladium cross-coupling catalysis. <i>Chemical Communications</i> , 2017 , 53, 7990-7993	5.8	43
135	Phosphorescent platinum(II) complexes bearing pentafluorosulfanyl substituted cyclometalating ligands. <i>RSC Advances</i> , 2017 , 7, 25566-25574	3.7	13
134	Simple design to achieve red-to-near-infrared emissive cationic Ir(III) emitters and their use in light emitting electrochemical cells. <i>RSC Advances</i> , 2017 , 7, 31833-31837	3.7	21
133	The Synthesis and Evaluation of Fluoro-, Trifluoromethyl-, and Iodomuscimols as GABA Agonists. <i>Chemistry - A European Journal</i> , 2017 , 23, 10848-10852	4.8	4
132	Blue-to-Green Emitting Neutral Ir(III) Complexes Bearing Pentafluorosulfanyl Groups: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2017 , 56, 7533-7544	5.1	32
131	Neutral Dinuclear Copper(I)-NHC Complexes: Synthesis and Application in the Hydrosilylation of Ketones. <i>ACS Catalysis</i> , 2017 , 7, 238-242	13.1	19
130	Use of Bisulfite Processing To Generate High-EO-4 Content Water-Soluble Lignosulfonates. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 1831-1839	8.3	13
129	Investigating the Structure and Reactivity of Azolyl-Based Copper(I)-NHC Complexes: The Role of the Anionic Ligand. <i>ACS Catalysis</i> , 2017 , 7, 8176-8183	13.1	12
128	Near-Infrared Fluorescence of Silicon Phthalocyanine Carboxylate Esters. <i>Scientific Reports</i> , 2017 , 7, 12282	4.9	12
127	Electronic nature of zwitterionic alkali metal methanides, silanides and germanides - a combined experimental and computational approach. <i>Chemical Science</i> , 2017 , 8, 1316-1328	9.4	17
126	Blue-emitting cationic iridium(III) complexes featuring pyridylpyrimidine ligands and their use in sky-blue electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9638-9650	7.1	32
125	Coordination of Trivalent Lanthanides with Bismalonamide Ligands: Implications for Liquid-Liquid Extraction. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4285-4298	2.3	3
124	Expedient Syntheses of Neutral and Cationic Au(I)-NHC Complexes. <i>Organometallics</i> , 2017 , 36, 3645-3653	3.8	13
123	Inner-Sphere versus Outer-Sphere Coordination of BF ₄ ⁻ in a NHC-Gold(I) Complex. <i>Organometallics</i> , 2017 , 36, 2861-2869	3.8	19
122	Homochiral Emissive [Ir Pd] Supramolecular Cages. <i>Chemistry - A European Journal</i> , 2017 , 23, 14358-14366	4.8	35
121	Zwitterionic Alkali-Metal Silanides of Tripodal Ligand Geometry: Synthesis, Structure, and Lewis Acid-Base Chemistry. <i>Inorganic Chemistry</i> , 2017 , 56, 9869-9879	5.1	6

120	Dealkanative Main Group Couplings across the peri-Gap. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18545-18551	16.4	11
119	Gold- N-Heterocyclic Carbene Complexes of Mineral Acids. <i>ChemCatChem</i> , 2017 , 9, 117-120	5.2	17
118	pH controlled assembly of a self-complementary halogen-bonded dimer. <i>Chemical Science</i> , 2017 , 8, 938-945	9.4	17
117	Methanediide Formation via Hydrogen Elimination in Magnesium versus Aluminium Hydride Complexes of a Sterically Demanding Bis(iminophosphoranyl)methanediide. <i>Inorganics</i> , 2017 , 5, 29	2.9	2
116	Phosphorus-Sulfur Heterocycles Incorporating an O-P(S)-O or O-P(S)-S-S-P(S)-O Scaffold: One-Pot Synthesis and Crystal Structure Study. <i>Molecules</i> , 2017 , 22,	4.8	3
115	Synthesis and characterization of novel organic heteroatom compounds from reaction of Woollins' reagent with various organic substrates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 341-346	1	3
114	Spontaneous dehydrocoupling in peri-substituted phosphine-borane adducts. <i>Dalton Transactions</i> , 2016 , 45, 1976-86	4.3	5
113	NMR studies of platinum bisphosphine complexes of phenylphosphonamidodiselenoate. <i>Polyhedron</i> , 2016 , 103, 267-274	2.7	
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