

David B Cordes

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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	Recent developments in the chemistry of cubic polyhedral oligosilsesquioxanes. <i>Chemical Reviews</i> , 2010 , 110, 2081-173	68.1	1252
244	Nanoporous carbohydrate metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2012 , 134, 406-17	16.4	208
243	What can NMR spectroscopy of selenoureas and phosphinidenes teach us about the accepting abilities of π -heterocyclic carbenes?. <i>Chemical Science</i> , 2015 , 6, 1895-1904	9.4	201
242	A Highly Active Manganese Catalyst for Enantioselective Ketone and Ester Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5825-5828	16.4	165
241	Advanced Model Compounds for Understanding Acid-Catalyzed Lignin Depolymerization: Identification of Renewable Aromatics and a Lignin-Derived Solvent. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8900-11	16.4	160
240	[Pd(IPr*OMe)(acac)Cl]: Tuning the N-Heterocyclic Carbene in Catalytic C-N Bond Formation. <i>Organometallics</i> , 2013 , 32, 330-339	3.8	130
239	High-Efficiency Deep-Blue-Emitting Organic Light-Emitting Diodes Based on Iridium(III) Carbene Complexes. <i>Advanced Materials</i> , 2018 , 30, e1804231	24	101
238	Metal-organic frameworks incorporating copper-complexed rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2160-3	16.4	92
237	Improving Processability and Efficiency of Resonant TADF Emitters: A Design Strategy. <i>Advanced Optical Materials</i> , 2020 , 8, 1901627	8.1	85
236	Methoxy-Functionalized N-Heterocyclic Carbenes. <i>Organometallics</i> , 2014 , 33, 2048-2058	3.8	83
235	Isothiurea-mediated one-pot synthesis of trifluoromethyl substituted 2-pyrones. <i>Organic Letters</i> , 2014 , 16, 964-7	6.2	78
234	Tunable photoluminescence and energy transfer of YBO 3:Tb 3+, Eu 3+ for white light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 7202	7.1	78
233	A C=O...Isothiuronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3200-3206	16.4	77
232	Magnetic and optical properties of NaGdF4:Nd3+, Yb3+, Tm3+ nanocrystals with upconversion/downconversion luminescence from visible to the near-infrared second window. <i>Nano Research</i> , 2015 , 8, 636-648	10	68
231	Hydrofluorination of Alkynes Catalysed by Gold Bifluorides. <i>ChemCatChem</i> , 2015 , 7, 240-244	5.2	66
230	Flexible coordination environments of lanthanide complexes grown from chloride-based ionic liquids. <i>New Journal of Chemistry</i> , 2008 , 32, 872	3.6	63
229	Exploring the Coordination of Cyclic Selenoureas to Gold(I). <i>Organometallics</i> , 2014 , 33, 3640-3645	3.8	62

228	Solubilised bright blue-emitting iridium complexes for solution processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3726-3737	7.1	61
227	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
226	A zwitterionic carbanion frustrated by boranes--dihydrogen cleavage with weak Lewis acids via an "inverse" frustrated Lewis pair approach. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16066-9	16.4	57
225	Green Phosphorescence and Electroluminescence of Sulfur Pentafluoride-Functionalized Cationic Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 5907-14	5.1	57
224	Copper(I) Complexes Bearing Carbenes Beyond Classical N-Heterocyclic Carbenes: Synthesis and Catalytic Activity in Click Chemistry. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3155-3161	5.6	55
223	Helices versus zigzag chains: one-dimensional coordination polymers of Ag(I) and Bis(4-pyridyl)amine. <i>Inorganic Chemistry</i> , 2006 , 45, 7651-64	5.1	54
222	A Highly Active Manganese Catalyst for Enantioselective Ketone and Ester Hydrogenation. <i>Angewandte Chemie</i> , 2017 , 129, 5919-5922	3.6	50
221	Structural invariance in silver(I) coordination networks formed using flexible four-armed thiopyridine ligands. <i>Inorganic Chemistry</i> , 2007 , 46, 1634-44	5.1	49
220	Solution-Processable Silicon Phthalocyanines in Electroluminescent and Photovoltaic Devices. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9247-53	9.5	48
219	Telescoped synthesis of stereodefined pyrrolidines. <i>Organic Letters</i> , 2013 , 15, 3472-5	6.2	48
218	On the Functional Group Tolerance of Ester Hydrogenation and Polyester Depolymerisation Catalysed by Ruthenium Complexes of Tridentate Aminophosphine Ligands. <i>Chemistry - A European Journal</i> , 2015 , 21, 10851-60	4.8	47
217	Flexible ligands and structural diversity: isomerism in Cd(NO ₃) ₂ coordination polymers. <i>Inorganic Chemistry</i> , 2005 , 44, 2544-52	5.1	44
216	A simple synthetic entryway into palladium cross-coupling catalysis. <i>Chemical Communications</i> , 2017 , 53, 7990-7993	5.8	43
215	Enhancing the photoluminescence quantum yields of blue-emitting cationic iridium(III) complexes bearing bisphosphine ligands. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 218-235	6.8	42
214	Gold-acetyl complexes: from side-products to valuable synthons. <i>Chemistry - A European Journal</i> , 2015 , 21, 5403-12	4.8	41
213	On the Mechanism of the Digold(I)-Hydroxide-Catalysed Hydrophenoxylation of Alkynes. <i>Chemistry - A European Journal</i> , 2016 , 22, 1125-32	4.8	41
212	The synthesis and analysis of lignin-bound Hibbert ketone structures in technical lignins. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10023-10030	3.9	41
211	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

210	A C=O...Isothiouonium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. <i>Angewandte Chemie</i> , 2018 , 130, 3254-3260	3.6	38
209	Chiral Iridium(III) Complexes in Light-Emitting Electrochemical Cells: Exploring the Impact of Stereochemistry on the Photophysical Properties and Device Performances. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33907-33915	9.5	38
208	Polyporous metal-coordination frameworks. <i>Organic Letters</i> , 2012 , 14, 1460-3	6.2	38
207	Generalization of the Copper to Late-Transition-Metal Transmetalation to Carbenes beyond N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 9404-9	4.8	38
206	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
205	Onset of three-centre, four-electron bonding in peri-substituted acenaphthenes: a structural and computational investigation. <i>Dalton Transactions</i> , 2012 , 41, 3141-53	4.3	37
204	Formylated chloro-bridged iridium(III) dimers as OLED materials: opening up new possibilities. <i>Dalton Transactions</i> , 2015 , 44, 8419-32	4.3	35
203	Homochiral Emissive \square and \square [Ir Pd] Supramolecular Cages. <i>Chemistry - A European Journal</i> , 2017 , 23, 14358-14366	4.8	35
202	Synthesis, Properties, and Light-Emitting Electrochemical Cell (LEEC) Device Fabrication of Cationic Ir(III) Complexes Bearing Electron-Withdrawing Groups on the Cyclometallating Ligands. <i>Inorganic Chemistry</i> , 2016 , 55, 10361-10376	5.1	35
201	A simple access to transition metal cyclopropenylidene complexes. <i>Chemical Communications</i> , 2015 , 51, 4778-81	5.8	34
200	A design strategy for four-connected coordination frameworks. <i>Chemical Communications</i> , 2004 , 642-3	5.8	34
199	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
198	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
197	Group-assisted purification (GAP) chemistry for the synthesis of Velcade via asymmetric borylation of N-phosphinylimines. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 746-51	2.5	32
196	Self-assembly of a [2]pseudorota[3]catenane in water. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17007-10	16.4	32
195	Neutral iodotriazoles as scaffolds for stable halogen-bonded assemblies in solution. <i>Chemical Science</i> , 2016 , 7, 6422-6428	9.4	32
194	General and mild Ni(0)-catalyzed \square arylation of ketones using aryl chlorides. <i>Chemistry - A European Journal</i> , 2015 , 21, 3906-9	4.8	31
193	Synthesis of Homoleptic and Heteroleptic Bis-N-heterocyclic Carbene Group 11 Complexes. <i>Organometallics</i> , 2015 , 34, 419-425	3.8	31

192	Orthogonal Recognition Processes Drive the Assembly and Replication of a [2]Rotaxane. <i>Journal of the American Chemical Society</i> , 2015 , 137, 16074-83	16.4	31
191	Biofilm blocking sesquiterpenes from <i>Teucrium polium</i> . <i>Phytochemistry</i> , 2014 , 103, 107-113	4	31
190	Reactivity of dipyrimidyl diselenides with [M(PPh ₃) ₄] and 2-pyrimidylchalcogenolates with [MCl ₂ (diphosphine)] (M = Pd or Pt). <i>Journal of Organometallic Chemistry</i> , 2012 , 717, 180-186	2.3	31
189	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
188	Enantioselective Stereodivergent Nucleophile-Dependent Isothiourea-Catalysed Domino Reactions. <i>Chemistry - A European Journal</i> , 2016 , 22, 17748-17757	4.8	29
187	Enantioselective Synthesis of 3,5,6-Substituted Dihydropyranones and Dihydropyridinones using Isothiourea-Mediated Catalysis. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 395-400	4.5	29
186	Gold(I)-Catalysed Cyclisation of Alkynoic Acids: Towards an Efficient and Eco-Friendly Synthesis of β -Lactones. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3857-3862	5.6	28
185	A well-defined monomeric aluminum complex as an efficient and general catalyst in the Meerwein-Ponndorf-Verley reduction. <i>Chemistry - A European Journal</i> , 2014 , 20, 14959-64	4.8	28
184	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
183	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
182	Fluorine containing amino acids: synthesis and peptide coupling of amino acids containing the all-cis tetrafluorocyclohexyl motif. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 5621-4	3.9	25
181	Synthesis of AuI- and AuIII-Bis(NHC) Complexes: Ligand Influence on Oxidative Addition to AuI Species. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4111-4122	2.3	25
180	Enantiomorphic Helical Coordination Polymers of {[M(pyrimidine)(OH ₂) ₄][SiF ₆][H ₂ O]} (M = Co ²⁺ , Cu ²⁺ , Zn ²⁺). <i>Crystal Growth and Design</i> , 2007 , 7, 1943-1945	3.5	24
179	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
178	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
177	Peri-substituted phosphorus-tellurium systems-an experimental and theoretical investigation of the P...Te through-space interaction. <i>Inorganic Chemistry</i> , 2015 , 54, 2435-46	5.1	23
176	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
175	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

174	Synthesis and Reactivity of Chiral, Wide-Bite-Angle, Hybrid Diphosphorus Ligands. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 1797-1810	2.3	21
173	Experimental and computational studies on the [3,3]- and [3,5]-sigmatropic rearrangements of acetoxycyclohexadienones: a non-ionic mechanism for acyl migration. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14438-47	16.4	21
172	Metal-Organic Frameworks Incorporating Copper-Complexed Rotaxanes. <i>Angewandte Chemie</i> , 2012 , 124, 2202-2205	3.6	21
171	Synthesis, characterization and luminescence studies of gold(I)-NHC amide complexes. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 2216-23	2.5	21
170	Symmetrical spiro-phosphoroheterocycles from the selenation of carbohydrazides. <i>Tetrahedron Letters</i> , 2011 , 52, 3311-3314	2	21
169	Six-Coordinated Cd(II) Centers as Four- or Six-Connected Nodes in Coordination Polymer Networks Containing Bis(4-pyridyl)amine. <i>Crystal Growth and Design</i> , 2007 , 7, 328-336	3.5	21
168	Exploring the self-assembly and energy transfer of dynamic supramolecular iridium-porphyrin systems. <i>Dalton Transactions</i> , 2016 , 45, 17195-17205	4.3	21
167	An efficient route for the synthesis of phosphorus-selenium macro-heterocycles. <i>Chemical Communications</i> , 2013 , 49, 2619-2621	5.8	20
166	Fluorinated Musk Fragrances: The CF ₂ Group as a Conformational Bias Influencing the Odour of Civetone and (R)-Muscone. <i>Chemistry - A European Journal</i> , 2016 , 22, 8137-51	4.8	20
165	6-exo-trig Michael addition-lactonizations for catalytic enantioselective chromenone synthesis. <i>Chemical Communications</i> , 2017 , 53, 2555-2558	5.8	19
164	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
163	Cationic Platinum(II) Complexes Bearing Aryl-BIAN Ligands: Synthesis and Structural and Optoelectronic Characterization. <i>Organometallics</i> , 2015 , 34, 13-22	3.8	19
162	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
161	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
160	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
159	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
158	The gas-phase structure of octaphenyloctasilsesquioxane Si ₈ O ₁₂ Ph ₈ and the crystal structures of Si ₈ O ₁₂ (p-tolyl) ₈ and Si ₈ O ₁₂ (p-ClCH ₂ C ₆ H ₄) ₈ . <i>Dalton Transactions</i> , 2010 , 39, 6960-6	4.3	18
157	Homoleptic and heteroleptic bis-NHC Cu(I) complexes as carbene transfer reagents. <i>Dalton Transactions</i> , 2016 , 45, 4970-3	4.3	18

156	Synthesis and reactivity of [Au(NHC)(Bpin)] complexes. <i>Chemical Communications</i> , 2019 , 55, 6799-6802	5.8	17
155	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
154	Gold- N-Heterocyclic Carbene Complexes of Mineral Acids. <i>ChemCatChem</i> , 2017 , 9, 117-120	5.2	17
153	pH controlled assembly of a self-complementary halogen-bonded dimer. <i>Chemical Science</i> , 2017 , 8, 938-945	9.4	17
152	Fluorinated cyclopropanes: synthesis and chemistry of the aryl trifluorocyclopropane motif. <i>Chemical Communications</i> , 2018 , 54, 8415-8418	5.8	17
151	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
150	Fluorine in fragrances: exploring the difluoromethylene (CF ₂) group as a conformational constraint in macrocyclic musk lactones. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 211-9	3.9	16
149	Assessing dimerisation degree and cooperativity in a biomimetic small-molecule model by pulsed EPR. <i>Chemical Communications</i> , 2015 , 51, 5257-60	5.8	16
148	Synthesis and Characterization of Gold(I) Complexes of Dibenzotropyliene-Functionalized NHC Ligands (Trop-NHCs). <i>Organometallics</i> , 2015 , 34, 263-274	3.8	15
147	Fluoride, bifluoride and trifluoromethyl complexes of iridium(I) and rhodium(I). <i>Chemical Communications</i> , 2015 , 51, 62-5	5.8	15
146	Preparation and Characterization of Polyhedral Oligosilsesquioxanes. <i>Advances in Silicon Science</i> , 2011 , 47-133		15
145	Quinidine-Catalysed Enantioselective Synthesis of 6- and 4-Trifluoromethyl-Substituted Dihydropyrans. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3619-3624	3.2	15
144	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
143	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
142	A luminescent [PdRu] supramolecular cage. <i>Chemical Communications</i> , 2018 , 54, 6016-6019	5.8	15
141	Modulator-Controlled Synthesis of Microporous STA-26, an Interpenetrated 8,3-Connected Zirconium MOF with the t _h -i Topology, and its Reversible Lattice Shift. <i>Chemistry - A European Journal</i> , 2018 , 24, 6115-6126	4.8	14
140	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
139	The activation of Woollins' reagent. Isolation of pyridine stabilised PhPSe ₂ . <i>Chemical Communications</i> , 2014 , 50, 6214-6	5.8	14

- 138 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. *Dalton Transactions*, **2018**, 47, 8292-8300 4.3 14
- 137 Phosphorescent platinum(II) complexes bearing pentafluorosulfanyl substituted cyclometalating ligands. *RSC Advances*, **2017**, 7, 25566-25574 3.7 13
- 136 Use of Bisulfite Processing To Generate High-ED-4 Content Water-Soluble Lignosulfonates. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 1831-1839 8.3 13
- 135 Structural diversity of bimetallic rhodium and iridium half sandwich dithiolato complexes. *Dalton Transactions*, **2015**, 44, 16758-66 4.3 13
- 134 Exciton efficiency beyond the spin statistical limit in organic light emitting diodes based on anthracene derivatives. *Journal of Materials Chemistry C*, **2020**, 8, 3773-3783 7.1 13
- 133 Reactivity of hemilabile pyridyl- and methyl-substituted pyrimidylselenolates with [MCl₂(dppf)] (M = Pd, Pt; dppf = bis(diphenylphosphino)ferrocene). *Inorganica Chimica Acta*, **2018**, 478, 125-129 2.7 13
- 132 Investigating Unusual Homonuclear Intermolecular "Through-Space" J Couplings in Organochalcogen Systems. *Inorganic Chemistry*, **2016**, 55, 10881-10887 5.1 13
- 131 Expedient Syntheses of Neutral and Cationic Au(I)NHC Complexes. *Organometallics*, **2017**, 36, 3645-3653, 3.8 13
- 130 Isomerization of anacardic acid: A possible route to the synthesis of an unsaturated benzolactone and a kairomone. *European Journal of Lipid Science and Technology*, **2015**, 117, 190-199 3 13
- 129 A general design platform for ionic liquid ions based on bridged multi-heterocycles with flexible symmetry and charge. *Chemical Communications*, **2010**, 46, 3544-6 5.8 13
- 128 Investigating the Structure and Reactivity of Azolyl-Based Copper(I)NHC Complexes: The Role of the Anionic Ligand. *ACS Catalysis*, **2017**, 7, 8176-8183 13.1 12
- 127 Near-Infrared Fluorescence of Silicon Phthalocyanine Carboxylate Esters. *Scientific Reports*, **2017**, 7, 12282, 2.9 12
- 126 Synthesis, structure, and reactivity of zwitterionic divalent rare-earth metal silanides. *Inorganic Chemistry*, **2015**, 54, 4189-91 5.1 12
- 125 Chiral Wide-Bite-Angle Diphosphine Ligands: Synthesis, Coordination Chemistry, and Application in Pd-Catalyzed Allylic Alkylation. *Organometallics*, **2015**, 34, 1608-1618 3.8 12
- 124 Synthesis, Characterization, and Catalytic Properties of Iridium Pincer Complexes Containing NH Linkers. *Organometallics*, **2018**, 37, 30-39 3.8 12
- 123 Synthesis and crystallographic characterisation of Mg(H₂dhtp)(H₂O)₅·H₂O. *Inorganic Chemistry Communication*, **2016**, 65, 21-23 3.1 12
- 122 Bipyridine-Containing Host Materials for High Performance Yellow Thermally Activated Delayed Fluorescence-Based Organic Light Emitting Diodes with Very Low Efficiency Roll-Off. *Advanced Optical Materials*, **2020**, 8, 1901283 8.1 12
- 121 Investigation of Intramolecular Through-Space Charge-Transfer States in Donor-Acceptor Charge-Transfer Systems. *Journal of Physical Chemistry Letters*, **2021**, 12, 2820-2830 6.4 12

120	Trapping atmospheric CO ₂ with gold. <i>Chemical Communications</i> , 2014 , 50, 11321-4	5.8	11
119	Total synthesis of a reported fluorometabolite from <i>Streptomyces</i> sp. TC1 indicates an incorrect assignment. The isolated compound did not contain fluorine. <i>Journal of Natural Products</i> , 2014 , 77, 1249-51	4.9	11
118	Dealkanative Main Group Couplings across the peri-Gap. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18545-18551	16.4	11
117	Unanticipated Silyl Transfer in Enantioselective β -Unsaturated Acyl Ammonium Catalysis Using Silyl Nitronates. <i>Organic Letters</i> , 2020 , 22, 335-339	6.2	11
116	Synthesis, characterization, X-ray crystallography and DNA binding activities of Co(III) and Cu(II) complexes with a pyrimidine-based Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2016 , 442, 70-80	2.7	10
115	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
114	The preparation and characterisation of rhodium(III) and Iridium(III) half sandwich complexes with naphthalene-1,8-dithiolate, acenaphthene-5,6-dithiolate and biphenyl-2,2'-dithiolate. <i>Journal of Organometallic Chemistry</i> , 2015 , 776, 7-16	2.3	9
113	Normal and abnormal NHC coordination in cationic hydride iodide complexes of aluminium. <i>Dalton Transactions</i> , 2018 , 47, 10281-10287	4.3	9
112	Selectively fluorinated cyclohexane building blocks: Derivatives of carbonylated all-cis-3-phenyl-1,2,4,5-tetrafluorocyclohexane. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2671-6	2.5	9
111	Luminescent Dinuclear Copper(I) Complexes Bearing an Imidazolylpyrimidine Bridging Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 14772-14784	5.1	9
110	Thermally Activated Delayed Fluorescence Emitters with Intramolecular Proton Transfer for High Luminescence Solution-Processed Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15459-15474	9.5	9
109	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
108	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
107	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
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99	Chiral Au - and Au -Isothiourea Complexes: Synthesis, Characterization and Application. <i>Chemistry - A European Journal</i> , 2019 , 25, 1064-1075	4.8	8
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2	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	
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