

Andrei S Batsanov

List of Publications by Year in descending order

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178
papers

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185
docs citations

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times ranked

7466
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbazole isomers induce ultralong organic phosphorescence. <i>Nature Materials</i> , 2021, 20, 175-180.	27.5	407
2	The Role of Local Triplet Excited States and Dâ€œ Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. <i>Advanced Science</i> , 2016, 3, 1600080.	11.2	403
3	Single-Molecule Conductance of Functionalized Oligoynes: Length Dependence and Junction Evolution. <i>Journal of the American Chemical Society</i> , 2013, 135, 12228-12240.	13.7	277
4	Rational Design of TADF Polymers Using a Donorâ€œ Acceptor Monomer with Enhanced TADF Efficiency Induced by the Energy Alignment of Charge Transfer and Local Triplet Excited States. <i>Advanced Optical Materials</i> , 2016, 4, 597-607.	7.3	235
5	Regio- and conformational isomerization critical to design of efficient thermally-activated delayed fluorescence emitters. <i>Nature Communications</i> , 2017, 8, 14987.	12.8	235
6	Intramolecular Charge Transfer Controls Switching Between Room Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16407-16411.	13.8	230
7	The interplay of thermally activated delayed fluorescence (TADF) and room temperature organic phosphorescence in sterically-constrained donorâ€œ acceptor charge-transfer molecules. <i>Chemical Communications</i> , 2016, 52, 2612-2615.	4.1	217
8	Oligoyne Single Molecule Wires. <i>Journal of the American Chemical Society</i> , 2009, 131, 15647-15654.	13.7	206
9	Areneâ€œperfluoroarene interactions in crystal engineering 8: structures of 1â€œ1 complexes of hexafluorobenzene with fused-ring polyaromatic hydrocarbons. <i>New Journal of Chemistry</i> , 2002, 26, 1740-1746.	2.8	181
10	Requirement for an Oxidant in Pd/Cu Co-Catalyzed Terminal Alkyne Homocoupling To Give Symmetrical 1,4-Disubstituted 1,3-Diynes. <i>Journal of Organic Chemistry</i> , 2005, 70, 703-706.	3.2	181
11	Engineering the singletâ€œtriplet energy splitting in a TADF molecule. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3815-3824.	5.5	175
12	Arene-perfluoroarene interactions in crystal engineering. Part 3. Single-crystal structures of 1 : 1 complexes of octafluoronaphthalene with fused-ring polyaromatic hydrocarbons For part 1, see ref. 1. For part 2, see ref. 2. Presented at the 16th International Symposium on Fluorine Chemistry, University of Durham, UK, 16-21 July 2000, Abstract no. 308. Electronic supplementary information (ESI) available: experimental data for the re-determination of the crystal structure of triphenylene, tables of the ave. <i>New Journal of Chemistry</i> , 2001, 25, 1410-1417.	2.8	159
13	Iridium-catalyzed Câ€œH borylation of quinolines and unsymmetrical 1,2-disubstituted benzenes: insights into steric and electronic effects on selectivity. <i>Chemical Science</i> , 2012, 3, 3505.	7.4	152
14	Triazatruxene: A Rigid Central Donor Unit for a Dâ€œ A ₃ Thermally Activated Delayed Fluorescence Material Exhibiting Subâ€œ Microsecond Reverse Intersystem Crossing and Unity Quantum Yield via Multiple Singletâ€œ Triplet State Pairs. <i>Advanced Science</i> , 2018, 5, 1700989.	11.2	145
15	Synthesis, evaluation and application of novel bifunctional N,N-di-isopropylbenzylamineboronic acid catalysts for direct amide formation between carboxylic acids and amines. <i>Green Chemistry</i> , 2008, 10, 124-134.	9.0	143
16	Ionic Iridium(III) Complexes with Bulky Side Groups for Use in Light Emitting Cells: Reduction of Concentration Quenching. <i>Advanced Functional Materials</i> , 2009, 19, 2038-2044.	14.9	136
17	Mechanistic insights into the triazolylidene-catalysed Stetter and benzoin reactions: role of the N-aryl substituent. <i>Chemical Science</i> , 2013, 4, 1514.	7.4	134
18	New electron-transporting materials for light emitting diodes: 1,3,4-oxadiazoleâ€œpyridine and 1,3,4-oxadiazoleâ€œpyrimidine hybrids. <i>Journal of Materials Chemistry</i> , 2002, 12, 173-180.	6.7	116

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19	Oligo(aryleneethynylene)s with Terminal Pyridyl Groups: Synthesis and Length Dependence of the Tunneling-to-Hopping Transition of Single-Molecule Conductances. <i>Chemistry of Materials</i> , 2013, 25, 4340-4347.	6.7	110
20	Arene-perfluoroarene interactions in crystal engineering: structural preferences in polyfluorinated tolans. <i>Journal of Materials Chemistry</i> , 2004, 14, 413-420.	6.7	101
21	Intramolecular Charge Transfer Controls Switching Between Room Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2018, 130, 16645-16649.	2.0	98
22	Molecular Design Strategies for Color Tuning of Blue TADF Emitters. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27125-27133.	8.0	97
23	Intra- and inter-molecular carboranyl Ca ^{II} -H ⁺ N hydrogen bonds in pyridyl-containing ortho-carboranes Electronic supplementary information (ESI) available: rotatable 3-D molecular structure diagrams of experimental structures of 1a ⁴ and of MP2/6-31G* optimised geometries 1a ^{7b} in CHIME format. Computed GIAO NMR data for 1b ^{4c} . See http://www.rsc.org/suppdata/dt/b2/b209931d/ . <i>Dalton Transactions</i> , 2003, , 475-482.	3.3	90
24	Nuclear magnetic resonance, luminescence and structural studies of lanthanide complexes with octadentate macrocyclic ligands bearing benzylphosphinate groups. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3623-3636.	1.1	82
25	Mechanistic insights into boron-catalysed direct amidation reactions. <i>Chemical Science</i> , 2018, 9, 1058-1072.	7.4	82
26	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar A ⁺ -E ⁻ A systems containing E-dimesitylborylethenyl acceptors. <i>Journal of Materials Chemistry</i> , 2009, 19, 7532.	6.7	81
27	Persistent Dimer Emission in Thermally Activated Delayed Fluorescence Materials. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11109-11117.	3.1	79
28	Bimetallic Cyclometalated Iridium(III) Diastereomers with Non ^{innocent} Bridging Ligands for High ^{efficiency} Phosphorescent OLEDs. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11616-11619.	13.8	65
29	Phosphine promoted substituent redistribution reactions of B-chlorocatechol borane: molecular structures of ClBcat, BrBcat and L ⁺ -ClBcat (cat ⁺ ...=...1,2-O ₂ C ₆ H ₄ ; L ⁺ ...=...PMe ₃ , PEt ₃ , PBut ₃ , PCy ₃ , NEt ₃) ⁺ . <i>Dalton Transactions RSC</i> , 2001, , 1201-1209.		61
30	Bridged diiridium complexes for electrophosphorescent OLEDs: synthesis, X-ray crystal structures, photophysics, and devices. <i>Journal of Materials Chemistry</i> , 2006, 16, 1046.	6.7	61
31	Bond Rotations and Heteroatom Effects in Donor ⁺ -Acceptor ⁻ Donor Molecules: Implications for Thermally Activated Delayed Fluorescence and Room Temperature Phosphorescence. <i>Journal of Organic Chemistry</i> , 2018, 83, 14431-14442.	3.2	61
32	Direct Amidation of Amino Acid Derivatives Catalyzed by Arylboronic Acids: Applications in Dipeptide Synthesis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5692-5700.	2.4	59
33	The influence of molecular conformation on the photophysics of organic room temperature phosphorescent luminophores. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9238-9247.	5.5	59
34	Synthesis and crystal engineering of new halogenated tetrathiafulvalene (TTF) derivatives and their charge transfer complexes and radical ion salts. <i>Journal of Materials Chemistry</i> , 2001, 11, 2181-2191.	6.7	58
35	Synthesis, optical properties, crystal structures and phase behaviour of selectively fluorinated 1,4-bis(4?-pyridylethynyl)benzenes, 4-(phenylethynyl)pyridines and 9,10-bis(4?-pyridylethynyl)anthracene, and a Zn(NO ₃) ₂ coordination polymer. <i>Journal of Materials Chemistry</i> , 2004, 14, 2395.	6.7	57
36	Donor ⁻ -Acceptor Species Derived from Functionalised 1,3-Dithiol-2-ylidene Anthracene Donor Units Exhibiting Photoinduced Electron Transfer Properties: Spectroscopic, Electrochemical, X-Ray Crystallographic and Theoretical Studies. <i>Chemistry - A European Journal</i> , 1998, 4, 2580-2592.	3.3	56

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37	The influence of molecular geometry on the efficiency of thermally activated delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6672-6684.	5.5	53
38	Giant dielectric permittivity of detonation-produced nanodiamond is caused by water. <i>Journal of Materials Chemistry</i> , 2012, 22, 11166.	6.7	52
39	Balancing charge-transfer strength and triplet states for deep-blue thermally activated delayed fluorescence with an unconventional electron rich dibenzothiophene acceptor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13224-13234.	5.5	52
40	Mechanistic Studies on the Heck-Mizoroki Cross-Coupling Reaction of a Hindered Vinylboronate Ester as a Key Approach to Developing a Highly Stereoselective Synthesis of a C1-C7,Z,E-Triene Synthon for Viridenomycin. <i>Journal of Organic Chemistry</i> , 2007, 72, 2525-2532.	3.2	50
41	Synthesis and optical characterisation of platinum(II) poly-yne polymers incorporating substituted 1,4-diethynylbenzene derivatives and an investigation of the intermolecular interactions in the diethynylbenzene molecular precursors. Electronic supplementary information (ESI) available: atomic coordinates for 6 and 7. See http://www.rsc.org/suppdata/nj/b2/b206946f/ . <i>New Journal of Chemistry</i> , 2003, 27, 140-149.	2.8	49
42	Efficient Intramolecular Charge Transfer in Oligoynes-Linked Donor-Acceptor Molecules. <i>Chemistry - A European Journal</i> , 2010, 16, 1470-1479.	3.3	49
43	The effect of a heavy atom on the radiative pathways of an emitter with dual conformation, thermally-activated delayed fluorescence and room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10481-10490.	5.5	49
44	The interplay of conformation and photophysical properties in deep-blue fluorescent oligomers. <i>Chemical Communications</i> , 2010, 46, 4812.	4.1	48
45	Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. <i>Chemistry of Materials</i> , 2021, 33, 3066-3080.	6.7	47
46	Trialkyltetraethiafulvalene-Tetracyanoanthraquinodimethane (R3TTF-TCNAQ) Diads: Synthesis, Intramolecular Charge-Transfer Properties, and X-ray Crystal Structure. <i>Journal of Organic Chemistry</i> , 2001, 66, 4517-4524.	3.2	44
47	Structural, spectroscopic, electrochemical and computational studies of C ₂ -diaryl-ortho-carboranes, 1-(4-XC ₆ H ₄)-2-Ph-1,2-C ₂ B ₁₀ H ₁₀ (X = H, F, OMe, NMe ₂ , NH ₂ , OH and O ⁻). <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1483-1495.	2.5	44
48	Phosphanyl Methanimine (PCN) Ligands for the Selective Trimerization/Tetramerization of Ethylene with Chromium. <i>ACS Catalysis</i> , 2015, 5, 7095-7098.	11.2	44
49	Impact of Methoxy Substituents on Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence in All-Organic Donor-Acceptor Systems. <i>Journal of Organic Chemistry</i> , 2019, 84, 3801-3816.	3.2	43
50	Structural versus Electrical Functionalization of Oligo(phenylene ethynylene) Diamine Molecular Junctions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 21655-21662.	3.1	42
51	Structure and relaxivity of macrocyclic gadolinium complexes incorporating pyridyl and 4-morpholinopyridyl substituents. <i>New Journal of Chemistry</i> , 1999, 23, 669.	2.8	41
52	Arene-perfluoroarene interactions in crystal engineering. Part 10. Crystal structures of 1:1 complexes of octafluoronaphthalene with biphenyl and biphenylene. <i>CrystEngComm</i> , 2004, 6, 25-28.	2.6	41
53	Synthesis, photophysics and molecular structures of luminescent 2,5-bis(phenylethynyl)thiophenes (BPETs). <i>New Journal of Chemistry</i> , 2007, 31, 841-851.	2.8	41
54	Synthesis and Crystal Structures of Isolable Terminal Aryl Hexatriyne and Octatetrayne Derivatives: Ar-C≡C-C≡C-C≡C-H (n = 3, 4). <i>Organic Letters</i> , 2008, 10, 3069-3072.	4.6	41

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55	Dinuclear iridium(III) complexes of cyclometalated fluorenylpyridine ligands as phosphorescent dopants for efficient solution-processed OLEDs. <i>Journal of Materials Chemistry</i> , 2012, 22, 13529.	6.7	41
56	2,5-Di(aryleneethynyl)pyrazine derivatives: synthesis, structural and optoelectronic properties, and light-emitting device. <i>New Journal of Chemistry</i> , 2004, 28, 912-918.	2.8	40
57	Synthesis, optical properties, crystal structures and phase behaviour of symmetric, conjugated ethynylarene-based rigid rods with terminal carboxylate groups. <i>Journal of Materials Chemistry</i> , 2005, 15, 690-697.	6.7	40
58	Effects of ortho- and para-Ring Activation on the Kinetics of S _N Ar Reactions of 1-Chloro-2-nitro- and 1-Phenoxy-2-nitrobenzenes with Aliphatic Amines in Acetonitrile. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1222-1230.	2.4	40
59	Optical and Polarity Control of Donor-Acceptor Conformation and Their Charge-Transfer States in Thermally Activated Delayed-Fluorescence Molecules. <i>Journal of Physical Chemistry C</i> , 2017, 121, 16462-16469.	3.1	40
60	Analysis of a Solid-State Conformational Rearrangement Using ¹⁵ N NMR and X-ray Crystallography. <i>Journal of Physical Chemistry A</i> , 1998, 102, 3505-3513.	2.5	39
61	Weak Pnictogen Bond with Bismuth: Experimental Evidence Based on Bi ^{III} -P Through σ -Space Coupling. <i>Chemistry - A European Journal</i> , 2019, 25, 4017-4024.	3.3	39
62	Crown-annulated 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene derivatives: a new efficient transducer in the electrochemical and spectroscopic monitoring of metal complexation. <i>Chemical Communications</i> , 2000, , 295-296.	4.1	37
63	Sulfur, tin and gold derivatives of 1-(2-pyridyl)-ortho-carborane, 1-R-2-X-1,2-C ₂ B ₁₀ H ₁₀ (R = 2-pyridyl, X =) TjFTQq110784314	3.3	37
64	Regiospecific high yield reductive coupling of diyne to give a luminescent rhodium complex. <i>Chemical Communications</i> , 2001, , 2626-2627.	4.1	36
65	From Aggregates to Clusters. Facile Formation of Hetero-Metal ^{II} -Metal Bonds through Reductive Desulfurization by CO in a Decapacitative Transformation of a {Pt ₂ MS ₂ } Tbp Frame to a {Pt ₂ MS} Tetrahedral Core (M = Ag, Cu, and Ru). <i>Journal of the American Chemical Society</i> , 1997, 119, 11006-11011.	13.7	35
66	Molecular Saddles. 4.1 Redox-Active Cyclophanes by Bridging the 9,10-Bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene System: Δ Synthesis, Electrochemistry, and X-ray Crystal Structures of Neutral Species and a Dication Salt. <i>Journal of Organic Chemistry</i> , 2001, 66, 713-719.	3.2	35
67	Sequential Metal-Catalyzed <i>ortho</i> -Heteroarylation and C-C Cross-Coupling Reactions: An Expedient Route to Tris(hetero)aryl Systems. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2746-2750.	2.4	35
68	Importance of Chromophore Rigidity on the Efficiency of Blue Thermally Activated Delayed Fluorescence Emitters. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28564-28575.	3.1	35
69	Exploiting trifluoromethyl substituents for tuning orbital character of singlet and triplet states to increase the rate of thermally activated delayed fluorescence. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3602-3615.	5.9	35
70	PARASHIFT Probes: Solution NMR and X-ray Structural Studies of Macrocyclic Ytterbium and Yttrium Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 4028-4038.	4.0	34
71	Delayed Blue Fluorescence via Upper-Triplet State Crossing from C-C Bonded Donor-Acceptor Charge Transfer Molecules with Azatriangulene Cores. <i>Chemistry of Materials</i> , 2019, 31, 6684-6695.	6.7	33
72	Are Terminal Aryl Butadiynes Stable? Synthesis and X-ray Crystal Structures of a Series of Aryl- and Heteroaryl-butadiynes (Ar-C ₂ H-C ₂ H). <i>Journal of Organic Chemistry</i> , 2006, 71, 8541-8544.	3.2	32

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73	Sulfonyl-Substituted Heteroleptic Cyclometalated Iridium(III) Complexes as Blue Emitters for Solution-Processable Phosphorescent Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2016, 55, 8612-8627.	4.0	32
74	Exquisite sensitivity of the ligand field to solvation and donor polarisability in coordinatively saturated lanthanide complexes. <i>Chemical Communications</i> , 2018, 54, 8486-8489.	4.1	32
75	A (Δ)-Sparteine-Directed Highly Enantioselective Synthesis of Boroproline. Solid- and Solution-State Structure and Properties. <i>Journal of Organic Chemistry</i> , 2007, 72, 6276-6279.	3.2	31
76	Molecular Saddles. 7.1 New 9,10-Bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene Cyclophanes: Synthesis, Redox Properties, and X-ray Crystal Structures of Neutral Species and a Dication Salt. <i>Journal of Organic Chemistry</i> , 2001, 66, 3313-3320.	3.2	30
77	Bright green PhOLEDs using cyclometalated diiridium(III) complexes with bridging oxamidato ligands as phosphorescent dopants. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6777-6789.	5.5	30
78	New bi(tetrathiafulvalenyl) derivatives and their radical cations: synthetic and X-ray structural studies. <i>Journal of Materials Chemistry</i> , 2000, 10, 1273-1279.	6.7	29
79	Conformational Dependence of Triplet Energies in Rotationally Hindered N- and S-Heterocyclic Dimers: New Design and Measurement Rules for High Triplet Energy OLED Host Materials. <i>Chemistry - A European Journal</i> , 2021, 27, 6545-6556.	3.3	29
80	A carbazole-oxadiazole diad molecule for single-emitting-component white organic light-emitting devices (WOLEDs). <i>Tetrahedron</i> , 2014, 70, 2015-2019.	1.9	28
81	Sky-blue emitting bridged diiridium complexes: beneficial effects of intramolecular π-π stacking. <i>Dalton Transactions</i> , 2018, 47, 2086-2098.	3.3	27
82	A novel hexakis(tetrathiafulvalene) derivative: synthesis, structure and electrochemical properties. <i>Chemical Communications</i> , 2000, , 331-332.	4.1	26
83	Phenylene-2,5-dimethylpyrazine co-oligomers: synthesis by Suzuki couplings, X-ray structures of neutral and diprotonated teraryl species and efficient blue emission. <i>Journal of Materials Chemistry</i> , 2003, 13, 1554-1557.	6.7	26
84	A Tris-Cyclometalated Iridium(III) Complex of 2-(5,5-Dioxido-dibenzothiophen-3-yl)pyridine: Synthesis, Structural, Redox and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4808-4814.	2.0	25
85	(Dimethoxy- and Dihalopyridyl)boronic Acids and Highly Functionalized Heteroarylpyridines by Suzuki Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1458-1463.	2.4	25
86	Luminescent Platinum(II) Complexes Containing Cyclometallated Diaryl Ketimine Ligands: Synthesis, Photophysical and Computational Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1963-1972.	2.0	25
87	Fully Borylated Methane and Ethane by Ruthenium-Mediated Cleavage and Coupling of CO. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4707-4710.	13.8	25
88	Synthesis, Diastereomer Separation, and Optoelectronic and Structural Properties of Dinuclear Cyclometalated Iridium(III) Complexes with Bridging Diarylhydrazide Ligands. <i>Organometallics</i> , 2017, 36, 981-993.	2.3	25
89	Stereoselective Chloro-Deboronation Reactions Induced by Substituted Pyridine-Iodine Chloride Complexes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1876-1883.	2.4	24
90	New Pyrimidylboronic Acids and Functionalized Heteroarylpyrimidines by Suzuki Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5712-5716.	2.4	24

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91	Structural Versatility of Pyrene-2-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolane) and Pyrene-2,7-bis(4,4,5,5-tetramethyl-[1,3,2]dioxaborolane). <i>Crystal Growth and Design</i> , 2012, 12, 2794-2802.	3.0	24
92	Reductive Coupling of Diynes at Rhodium Gives Fluorescent Rhodacyclopentadienes or Phosphorescent Rhodium 2,2- λ^6 -Biphenyl Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 10523-10532.	3.3	24
93	Excitation modulation of Eu:BPEPC based complexes as low-energy reference standards for circularly polarised luminescence (CPL). <i>Chemical Communications</i> , 2019, 55, 14115-14118.	4.1	24
94	Reactions of Icosahedral Carboranes with Iminotris(dimethylamino)Phosphorane HNP(NMe ₂) ₃ : a Deboronation Intermediate nido-C ₂ B ₁₀ H ₁₂ N(H)P(NMe ₂) ₃ , Deboronation Reactions and Hydrogen-bonded Cluso-carborane Systems. <i>Journal of Cluster Science</i> , 2006, 17, 119-137.	3.3	22
95	Carbazole-Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 882-889.	13.8	22
96	Achieving Conformational Control in Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence Emitters by Functionalization of the Central Core. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26536-26546.	3.1	21
97	Tetrathiafulvalene revisited. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o501-o504.	0.4	20
98	First structural characterisation of a 2,1,12-MC ₂ B ₉ metallacarborane, [2,2,2-(NMe ₂) ₃ -closo-2,1,12-TaC ₂ B ₉ H ₁₁]. Trends in boron NMR shifts on replacing a {BH} vertex with a metal {MLn} vertex in icosahedral carboranes. <i>Dalton Transactions RSC</i> , 2000, , 3519-3525.	2.3	19
99	New group 15 compounds containing the 2,4,6-(CF ₃) ₃ C ₆ H ₂ (fluoromes = Ar), 2,6-(CF ₃) ₂ C ₆ H ₃ (fluoroxyl = Tj) ET ₀ g ₁ 1 0.784314 r ₁₉	2.3	19
100	Crystal engineering with p-substituted 4-ethynylbenzenes using the C ⁺ H ⁻ O supramolecular synthon. <i>CrystEngComm</i> , 2004, 6, 184-188.	2.6	19
101	Synthesis and characterization of fluorene-based oligomers and polymers incorporating $\langle i \rangle N \langle /i \rangle$ -arylphenothiazine $\langle i \rangle S, S \langle /i \rangle$ -dioxide units. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1129-1137.	2.3	19
102	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. <i>Dalton Transactions</i> , 2020, 49, 2190-2208.	3.3	19
103	Exploring the reactivity of tungsten bis(imido) dimethyl complexes with methyl aluminium reagents: implications for ethylene dimerization. <i>Dalton Transactions</i> , 2010, 39, 7038.	3.3	18
104	An Experimental and Computational Approach to Understanding the Reactions of Acyl Nitroso Compounds in [4 + 2] Cycloadditions. <i>Journal of Organic Chemistry</i> , 2015, 80, 9518-9534.	3.2	18
105	Synthesis and Properties of Hydrogen-Free Detonation Diamond. <i>Propellants, Explosives, Pyrotechnics</i> , 2015, 40, 39-45.	1.6	18
106	9,12-Diiodo-1,2-dicarba-closo-dodecaborane(12). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o74-o76.	0.4	17
107	Pyridylpyrazole N ^N ligands combined with sulfonyl-functionalised cyclometalating ligands for blue-emitting iridium($\langle scp \rangle iii \langle /scp \rangle$) complexes and solution-processable PhOLEDs. <i>Dalton Transactions</i> , 2017, 46, 10996-11007.	3.3	17
108	Crystal engineering with ethynylbenzenes : Part 2. Structures of 4-trimethylsilylethynyl-N,N-dimethylaniline, and 4-ethynyl-N,N-dimethylaniline with $Z \hat{=} 12$ and a single-crystal to single-crystal phase transition at $122.5 \hat{\pm} 2$ K. <i>CrystEngComm</i> , 2006, 8, 622-628.	2.6	16

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109	Color Tuning of Efficient Electroluminescence in the Blue and Green Regions Using Heteroleptic Iridium Complexes with 2-Phenoxyoxazole Ancillary Ligands. <i>Organometallics</i> , 2017, 36, 1810-1821.	2.3	16
110	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10290-10294.	13.8	16
111	Synthesis, characterisation and application of lanthanide cyclen complexes in organic synthesis. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 932-937.	1.3	15
112	Electronic conductance and thermopower of single-molecule junctions of oligo(phenyleneethynylene) derivatives. <i>Nanoscale</i> , 2020, 12, 18908-18917.	5.6	15
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