

# Andrei S Batsanov

## List of Publications by Year in descending order

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178  
papers

8,060  
citations

53794

45  
h-index

58581

82  
g-index

185  
all docs

185  
docs citations

185  
times ranked

7466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dominant dimer emission provides colour stability for red thermally activated delayed fluorescence emitter. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5840-5848.	5.5	4
2	Giant Permittivity of Confined Water on Nanodiamonds. <i>Journal of Physical Chemistry C</i> , 2022, 126, 6385-6393.	3.1	1
3	Quantum interference dependence on molecular configurations for cross-conjugated systems in single-molecule junctions. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 1287-1293.	3.4	5
4	Isoniazid-Gentisic acid cocrystallization: Solubility, Stability, Dissolution rate, Antioxidant and Flowability Properties Studies. <i>Journal of Molecular Structure</i> , 2021, 1226, 129388.	3.6	3
5	Cyclophane Molecules Exhibiting Thermally Activated Delayed Fluorescence: Linking Donor Units to Influence Molecular Conformation. <i>Journal of Organic Chemistry</i> , 2021, 86, 429-445.	3.2	13
6	Carbazole isomers induce ultralong organic phosphorescence. <i>Nature Materials</i> , 2021, 20, 175-180.	27.5	407
7	Development of a Continuous Photochemical Benzyne-Forming Process. <i>SynOpen</i> , 2021, 05, 29-35.	1.7	12
8	Discovery of a photochemical cascade process by flow-based interception of isomerising alkenes. <i>Chemical Science</i> , 2021, 12, 9895-9901.	7.4	12
9	Conformational Dependence of Triplet Energies in Rotationally Hindered N $\pi$ - and S $\pi$ -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
10	Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. <i>Chemistry of Materials</i> , 2021, 33, 3066-3080.	6.7	47
11	Derisking the Polymorph Landscape: The Complex Polymorphism of Mexiletine Hydrochloride. <i>Crystal Growth and Design</i> , 2021, 21, 7150-7167.	3.0	12
12	Versatile Para $\pi$ -Substituted Pyridine Lanthanide Coordination Complexes Allow Late Stage Tailoring of Complex Function. <i>Chemistry - A European Journal</i> , 2021, 27, 17921-17927.	3.3	6
13	Carbazole-Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. <i>Angewandte Chemie</i> , 2020, 132, 892-899.	2.0	6
14	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
15	Structural changes in colloid solutions of nanodiamond. <i>New Journal of Chemistry</i> , 2020, 44, 1640-1647.	2.8	4
16	Resonance-Enhanced Charge Delocalization in Carbazole-Oligoynes-Oxadiazole Conjugates. <i>Journal of the American Chemical Society</i> , 2020, 142, 18769-18781.	13.7	12
17	Nitrogen Fixation and Biological Behavior of Nanodiamond Colloidal Solutions. <i>ChemPlusChem</i> , 2020, 85, 1905-1911.	2.8	1
18	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

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19	Electronic conductance and thermopower of single-molecule junctions of oligo(phenyleneethynylene) derivatives. <i>Nanoscale</i> , 2020, 12, 18908-18917.	5.6	15
20	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. <i>Dalton Transactions</i> , 2020, 49, 2190-2208.	3.3	19
21	Phosphorescent mono- and diiridium(III) complexes cyclometalated by fluorenyl- or phenyl-pyridino ligands with bulky substituents, as prospective OLED dopants. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 392-399.	0.5	3
22	Molecular Design Strategies for Color Tuning of Blue TADF Emitters. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27125-27133.	8.0	97
23	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
24	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
25	Weak Pnictogen Bond with Bismuth: Experimental Evidence Based on Bi <sup>III</sup> -P Through-Space Coupling. <i>Chemistry - A European Journal</i> , 2019, 25, 4017-4024.	3.3	39
26	Activated Niobium and Tantalum Imido Complexes: From Tuneable Polymerization to Selective Ethylene Dimerization Systems. <i>ChemCatChem</i> , 2019, 11, 1756-1764.	3.7	3
27	Delayed Blue Fluorescence via Upper-Triplet State Crossing from C Bonded Donor-Acceptor Charge Transfer Molecules with Azatriangulene Cores. <i>Chemistry of Materials</i> , 2019, 31, 6684-6695.	6.7	33
28	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
29	Temperature-Induced Single-Crystal-to-Single-Crystal Transformations with Consequential Changes in the Magnetic Properties of Fe(III) Complexes. <i>ACS Omega</i> , 2019, 4, 8731-8738.	3.5	3
30	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
31	Unravelling the Complexities of Pseudocontact Shift Analysis in Lanthanide Coordination Complexes of Differing Symmetry. <i>Angewandte Chemie</i> , 2019, 131, 10396-10400.	2.0	7
32	Frontispiece: Weak Pnictogen Bond with Bismuth: Experimental Evidence Based on Bi <sup>III</sup> -P Through-Space Coupling. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
33	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
34	Paramagnetic Lanthanide NMR Probes Signalling Changes in Zinc Concentration by Emission and Chemical Shift: A Proof of Concept Study. <i>Chemistry - A European Journal</i> , 2019, 25, 6212-6225.	3.3	10
35	Persistent Dimer Emission in Thermally Activated Delayed Fluorescence Materials. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11109-11117.	3.1	79
36	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

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37	Copper-Mediated Nitrosation: 2-Nitrosophenolato Complexes and Their Use in the Synthesis of Heterocycles. <i>Molecules</i> , 2019, 24, 4154.	3.8	2
38	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
39	Conformationally-restricted bicarbazoles with phenylene bridges displaying deep-blue emission and high triplet energies: systematic structureâ€“property relationships. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11867-11875.	2.8	10
40	Triazatruxene: A Rigid Central Donor Unit for a Dâ€“A<sub>3</sub> Thermally Activated Delayed Fluorescence Material Exhibiting Subâ€“Microsecond Reverse Intersystem Crossing and Unity Quantum Yield via Multiple Singletâ€“Triplet State Pairs. <i>Advanced Science</i> , 2018, 5, 1700989.	11.2	145
41	Sky-blue emitting bridged diiridium complexes: beneficial effects of intramolecular Î€â€“Î€ stacking. <i>Dalton Transactions</i> , 2018, 47, 2086-2098.	3.3	27
42	Mechanistic insights into boron-catalysed direct amidation reactions. <i>Chemical Science</i> , 2018, 9, 1058-1072.	7.4	82
43	A Dienyl Boronateâ€“Aryl Nitroso Ene Reaction Entry to <i>C</i>â€“Pyrrolyl Nitrones and Subsequent Conversion to Isoxazolidines. <i>ChemistrySelect</i> , 2018, 3, 4557-4561.	1.5	5
44	Highly luminescent 2-phenylpyridine-free diiridium complexes with bulky 1,2-diarylimidazole cyclometalating ligands. <i>Dalton Transactions</i> , 2018, 47, 16524-16533.	3.3	10
45	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
46	Synthesis of Tetracyclic 2,3-Dihydro-1,3-diazepines from a Dinitrodibenzothiophene Derivative. <i>Journal of Organic Chemistry</i> , 2018, 83, 12320-12326.	3.2	6
47	Intramolecular Î€â€“Î€ Interactions with a Chiral Auxiliary Ligand Control Diastereoselectivity in a Cyclometalated Ir(III) Complex. <i>Inorganic Chemistry</i> , 2018, 57, 12836-12849.	4.0	8
48	Bis(Imido) Tungsten Complexes: Efficient Precatalysts for the Homogeneous Dimerization of Ethylene. <i>ACS Catalysis</i> , 2018, 8, 11249-11263.	11.2	10
49	Approaches to Styrenyl Building Blocks for the Synthesis of Polyene Xanthomonadin and its Analogues. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5312-5322.	2.4	5
50	Exploration of Homogeneous Ethylene Dimerization Mediated by Tungsten Mono(imido) Complexes. <i>ACS Catalysis</i> , 2018, 8, 11235-11248.	11.2	9
51	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
52	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
53	Bond Rotations and Heteroatom Effects in Donorâ€“Acceptorâ€“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
54	Weak interactions in crystals: old concepts, new developments. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 570-574.	0.5	12

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55	Fixation of atmospheric nitrogen by nanodiamonds. <i>New Journal of Chemistry</i> , 2018, 42, 11160-11164.	2.8	4
56	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
57	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
58	Novel synthesis and properties of hydrogen-free detonation nanodiamond. <i>Materials Chemistry and Physics</i> , 2018, 216, 120-129.	4.0	14
59	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
60	Regio- and conformational isomerization critical to design of efficient thermally-activated delayed fluorescence emitters. <i>Nature Communications</i> , 2017, 8, 14987.	12.8	235
61	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
62	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
63	Pyridylpyrazole N <sup>N</sup> ligands combined with sulfonyl-functionalised cyclometalating ligands for blue-emitting iridium(III) complexes and solution-processable PhOLEDs. <i>Dalton Transactions</i> , 2017, 46, 10996-11007.	3.3	17
64	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
65	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
66	Editorial on "Genesis on diamonds II: contact with diamond enhances human sperm performance by 300%". <i>Annals of Translational Medicine</i> , 2017, 5, 407-407.	1.7	1
67	Rational Design of TADF Polymers Using a Donor-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
68	Fully Borylated Methane and Ethane by Ruthenium-Mediated Cleavage and Coupling of CO. <i>Angewandte Chemie</i> , 2016, 128, 4785-4788.	2.0	7
69	On the nature of fibres grown from nanodiamond colloids. <i>Materials Chemistry and Physics</i> , 2016, 173, 325-332.	4.0	12
70	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
71	Influence of Bio-Isosteric Replacement on the Formation of Templating Methanol and Acetonitrile Solvates in Lophines. <i>Crystal Growth and Design</i> , 2016, 16, 4531-4538.	3.0	7
72	The Role of Local Triplet Excited States and Donor-Acceptor Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. <i>Advanced Science</i> , 2016, 3, 1600080.	11.2	403

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73	Reductive Coupling of Dienes at Rhodium Gives Fluorescent Rhodacyclopentadienes or Phosphorescent Rhodium 2,2'-Biphenyl Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 10523-10532.	3.3	24
74	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
75	Effect of diamond on structure and properties of confined water. <i>Chemical Physics Letters</i> , 2016, 651, 8-12.	2.6	13
76	The interplay of thermally activated delayed fluorescence (TADF) and room temperature organic phosphorescence in sterically-constrained donor-acceptor charge-transfer molecules. <i>Chemical Communications</i> , 2016, 52, 2612-2615.	4.1	217
77	Engineering the singlet-triplet energy splitting in a TADF molecule. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3815-3824.	5.5	175
78	Phosphanyl Methanimine (PCN) Ligands for the Selective Trimerization/Tetramerization of Ethylene with Chromium. <i>ACS Catalysis</i> , 2015, 5, 7095-7098.	11.2	44
79	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
80	Synthesis and Properties of Hydrogen-Free Detonation Diamond. <i>Propellants, Explosives, Pyrotechnics</i> , 2015, 40, 39-45.	1.6	18
81	Asymmetric Synthesis and Application of Homologous Pyrroline-alkylboronic Acids: Identification of the B-N Distance for Eliciting Bifunctional Catalysis of an Asymmetric Aldol Reaction.. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 470-479.	2.7	11
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	<sup>19</sup> F and <sup>13</sup> C GIAO-NMR chemical shifts for the identification of perfluoro-quinoline and -isoquinoline derivatives. <i>Journal of Fluorine Chemistry</i> , 2013, 155, 62-71.	1.7	12
90	Shock Synthesis of Single Crystals. <i>Propellants, Explosives, Pyrotechnics</i> , 2013, 38, 169-171.	1.6	3

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91	Sodium-mediated self-assembly of two nickel(II) Schiff base complexes: crystal structure and characterizations. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2587-2596.	2.2	9
92	An irreversible phase transition in 1-n-butylindeno[2,1-c]pyran-3,9-dione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o413-o416.	0.4	1
93	Application of molybdenum bis(imido) complexes in ethylene dimerisation catalysis. <i>Dalton Transactions</i> , 2012, 41, 5502.	3.3	14
94	Iridium-catalyzed C-H 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
95	2,5-bis(Arylethynyl)thienyl systems: Preparation and photophysical properties. Part II. <i>RSC Advances</i> , 2012, 2, 1870.	3.6	14
96	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
97	Giant dielectric permittivity of detonation-produced nanodiamond is caused by water. <i>Journal of Materials Chemistry</i> , 2012, 22, 11166.	6.7	52
98	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
99	A variable-temperature study of 1,2-bis(dimethylamino)-1,2-bis(2,6-dimethylanilino)diborane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o394-o396.	0.4	1
100	Synthesis and characterization of fluorene-based oligomers and polymers incorporating arylphenothiazine-based oligomers and polymers incorporating S,S-dioxide units. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1129-1137.	2.3	19
101	A novel self-promoted Morita-Baylis-Hillman-like dimerization. <i>Science Bulletin</i> , 2010, 55, 2794-2798.	1.7	3
102	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
103	Efficient Intramolecular Charge Transfer in Oligoynes-Linked Donor-Acceptor Molecules. <i>Chemistry - A European Journal</i> , 2010, 16, 1470-1479.	3.3	49
104	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
105	The interplay of conformation and photophysical properties in deep-blue fluorescent oligomers. <i>Chemical Communications</i> , 2010, 46, 4812.	4.1	48
106	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
107	Crystal and molecular structures of some six-coordinate tin(IV) halogeno complexes with phosphorus-containing ligands. <i>Heteroatom Chemistry</i> , 2009, 20, 136-143.	0.7	4
108	Structural, spectroscopic, electrochemical and computational studies of C,C'-diaryl-ortho-carboranes, 1-(4- <i>XC</i> <sub>6</sub> H <sub>4</sub> )-2-Ph-1,2-C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> (X = H, F, OMe, NMe <sub>2</sub> , NH <sub>2</sub> , OH and O <sup>-</sup> ). <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1483-1495.	2.5	44



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109	Oligoyne Single Molecule Wires. <i>Journal of the American Chemical Society</i> , 2009, 131, 15647-15654.	13.7	206
110	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar $\pi$ -conjugated systems containing E-dimesitylborylethenyl acceptors. <i>Journal of Materials Chemistry</i> , 2009, 19, 7532.	6.7	81
111	Crystal Structure of [(AuCl) <sub>2</sub> (μ-2,2-bis(diisopropoxy)phosphano-1,2-dimethylhydrazine-P,P')]. <i>X-ray Structure Analysis Online</i> , 2009, 25, 113-114.	0.2	0
112	(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
113	Sequential Metal-Catalyzed <i>N</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
114	Synthesis, Structures and Reactions of Isolable Terminal Aryl/Biarylbutadiynes (Ar-C≡C-CH). <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5093-5098.	2.4	14
115	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
116	Synthesis and Crystal Structures of Isolable Terminal Aryl Hexatriyne and Octatetrayne Derivatives: Ar-C≡C-C≡C-H ( <i>n</i> = 3, 4). <i>Organic Letters</i> , 2008, 10, 3069-3072.	4.6	41
117	A Novel, Efficient, Diastereo- and Enantioselective Mukaiyama Aldol-Based Synthesis of a Vinyl Cyclopentanone Core Derivative of Viridenomycin. <i>Organic Letters</i> , 2007, 9, 5565-5568.	4.6	14
118	A $\beta$ -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
119	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
120	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,Z,E-Triene Synthon for Viridenomycin. <i>Journal of Organic Chemistry</i> , 2007, 72, 2525-2532.	3.2	50
121	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
122	Functionalized 8 nm Long Aryleneethynylene Molecular Wire with Alkyne Termini. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5244-5249.	2.4	12
123	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
124	Molecular van der Waals symmetry affecting bulk properties of condensed phases: melting and boiling points. <i>Structural Chemistry</i> , 2007, 18, 477-491.	2.0	14
125	Crystal engineering with ethynylbenzenes : Part 2. Structures of 4-trimethylsilylethynyl-N,N-dimethylaniline, and 4-ethynyl-N,N-dimethylaniline with $Z = 12$ and a single-crystal to single-crystal phase transition at $122.5 \pm 2$ K. <i>CrystEngComm</i> , 2006, 8, 622-628.	2.6	16
126	Are Terminal Aryl Butadiynes Stable? Synthesis and X-ray Crystal Structures of a Series of Aryl- and Heteroaryl-butadiynes (Ar-C≡C-C≡C-H). <i>Journal of Organic Chemistry</i> , 2006, 71, 8541-8544.	3.2	32



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127	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
128	2-(4-Chloroanilino)- and 2-(4-methoxyanilino)-1,2-diphenylethanone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o304-o306.	0.4	2
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