

Martin R Bryce

List of Publications by Year in descending order

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556
papers

27,883
citations

6613

79
h-index

10734

138
g-index

597
all docs

597
docs citations

597
times ranked

16274
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetrical π -Dendronized TADF Emitters for Efficient Non-doped Solution-Processed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
2	Thermoelectric Enhancement in Single Organic Radical Molecules. <i>Nano Letters</i> , 2022, 22, 948-953.	9.1	28
3	TADF dendronized polymer with vibrationally enhanced direct spin-flip between charge-transfer states for efficient non-doped solution-processed OLEDs. <i>Chemical Engineering Journal</i> , 2022, 435, 134924.	12.7	26
4	Asymmetrical π -Dendronized TADF Emitters for Efficient Non-doped Solution-Processed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	36
5	Thermoelectric properties of organic thin films enhanced by π - π stacking. <i>JPhys Energy</i> , 2022, 4, 024002.	5.3	6
6	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
7	Recent advances in oligomers/polymers with unconventional chromophores. <i>Materials Chemistry Frontiers</i> , 2021, 5, 60-75.	5.9	51
8	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
9	Dual emission in purely organic materials for optoelectronic applications. <i>Materials Horizons</i> , 2021, 8, 33-55.	12.2	129
10	Rational design of iridium π -porphyrin conjugates for novel synergistic photodynamic and photothermal therapy anticancer agents. <i>Chemical Science</i> , 2021, 12, 5918-5925.	7.4	53
11	A review of functional linear carbon chains (oligoynes, polyynes, cumulenes) and their applications as molecular wires in molecular electronics and optoelectronics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10524-10546.	5.5	63
12	Supramolecular oligourethane gels as light-harvesting antennae: achieving multicolour luminescence and white-light emission through FRET. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13331-13337.	5.5	7
13	Conformational Dependence of Triplet Energies in Rotationally Hindered N π - and S π -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
14	Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. <i>Chemistry of Materials</i> , 2021, 33, 3066-3080.	6.7	47
15	Allocation of Ambipolar Charges on an Organic Diradical with a Vinylene π -Phenylenediyne Bridge. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6159-6164.	4.6	2
16	Heteroatom Effects on Quantum Interference in Molecular Junctions: Modulating Antiresonances by Molecular Design. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17385-17391.	3.1	10
17	A review of oligo(arylene ethynylene) derivatives in molecular junctions. <i>Nanoscale</i> , 2021, 13, 10668-10711.	5.6	24
18	Extended curly arrow rules to rationalise and predict structural effects on quantum interference in molecular junctions. <i>Nanoscale</i> , 2021, 13, 1103-1123.	5.6	17

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19	Carbazole-Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. <i>Angewandte Chemie</i> , 2020, 132, 892-899.	2.0	6
20	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
21	Resonance-Enhanced Charge Delocalization in Carbazole-Oligoynes-Oxadiazole Conjugates. <i>Journal of the American Chemical Society</i> , 2020, 142, 18769-18781.	13.7	12
22	Supramolecular oligourethane gel as a highly selective fluorescent "on-off" sensor for ions. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11540-11545.	5.5	25
23	Exploring the thermoelectric properties of oligo(phenylene-ethynylene) derivatives. <i>Nanoscale</i> , 2020, 12, 15150-15156.	5.6	14
24	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
25	Electronic conductance and thermopower of single-molecule junctions of oligo(phenyleneethynylene) derivatives. <i>Nanoscale</i> , 2020, 12, 18908-18917.	5.6	15
26	Blue-emitting thermoreversible oligourethane gelators with aggregation-induced emission properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5137-5142.	5.5	13
27	Supramolecular Oligourethane Gel with Multicolor Luminescence Controlled by Mechanically Sensitive Hydrogen-Bonding. <i>Chemistry of Materials</i> , 2020, 32, 5776-5784.	6.7	20
28	Connectivity dependent thermopower of bridged biphenyl molecules in single-molecule junctions. <i>Nanoscale</i> , 2020, 12, 14682-14688.	5.6	13
29	Dinuclear metal complexes: multifunctional properties and applications. <i>Chemical Society Reviews</i> , 2020, 49, 765-838.	38.1	148
30	Bright red aggregation-induced emission nanoparticles for multifunctional applications in cancer therapy. <i>Chemical Science</i> , 2020, 11, 2369-2374.	7.4	40
31	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. <i>Dalton Transactions</i> , 2020, 49, 2190-2208.	3.3	19
32	Molecular Design Strategies for Color Tuning of Blue TADF Emitters. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27125-27133.	8.0	97
33	Strategic modification of ligands for remarkable piezochromic luminescence (PCL) based on a neutral Ir(III) phosphor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10876-10880.	5.5	16
34	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
35	AIE Multinuclear Ir(III) Complexes for Biocompatible Organic Nanoparticles with Highly Enhanced Photodynamic Performance. <i>Advanced Science</i> , 2019, 6, 1802050.	11.2	87
36	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

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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	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
39	Persistent Dimer Emission in Thermally Activated Delayed Fluorescence Materials. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11109-11117.	3.1	79
40	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
41	Reversible tricolour luminescence switching based on a piezochromic iridium(III) complex. <i>Chemical Communications</i> , 2019, 55, 14582-14585.	4.1	20
42	Exploring antiaromaticity in single-molecule junctions formed from biphenylene derivatives. <i>Nanoscale</i> , 2019, 11, 20659-20666.	5.6	26
43	Transition from Tunneling Leakage Current to Molecular Tunneling in Single-Molecule Junctions. <i>CheM</i> , 2019, 5, 390-401.	11.7	56
44	Conformationally-restricted bicarbazoles with phenylene bridges displaying deep-blue emission and high triplet energies: systematic structure-property relationships. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11867-11875.	2.8	10
45	Triazatruxene: A Rigid Central Donor Unit for a A_{33} Thermally Activated Delayed Fluorescence Material Exhibiting Sub-Microsecond Reverse Intersystem Crossing and Unity Quantum Yield via Multiple Singlet-Triplet State Pairs. <i>Advanced Science</i> , 2018, 5, 1700989.	11.2	145
46	All-organic thermally activated delayed fluorescence materials for organic light-emitting diodes. <i>Nature Reviews Materials</i> , 2018, 3, .	48.7	1,097
47	Selective sensing of 2,4,6-trinitrophenol (TNP) in aqueous media with aggregation-induced emission enhancement (AIEE)-active iridium(III) complexes. <i>Chemical Communications</i> , 2018, 54, 1730-1733.	4.1	85
48	Sky-blue emitting bridged diiridium complexes: beneficial effects of intramolecular π - π stacking. <i>Dalton Transactions</i> , 2018, 47, 2086-2098.	3.3	27
49	Fast Data Sorting with Modified Principal Component Analysis to Distinguish Unique Single Molecular Break Junction Trajectories. <i>Physical Review Letters</i> , 2018, 120, 016601.	7.8	32
50	Recent advances in luminescent dinuclear iridium(III) complexes and their application in organic electroluminescent devices. <i>Polyhedron</i> , 2018, 140, 146-157.	2.2	42
51	Polyurethane derivatives for highly sensitive and selective fluorescence detection of 2,4,6-trinitrophenol (TNP). <i>Journal of Materials Chemistry C</i> , 2018, 6, 11287-11291.	5.5	41
52	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
53	Thermoelectric Properties of 2,7-Dipyridylfluorene Derivatives in Single-Molecule Junctions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27198-27204.	3.1	33
54	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

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55	New Mixed C ⁺ N ⁻ Ligand Tris-Cyclometalated Ir ^{III} Complexes for Highly Efficient Green Organic Light-Emitting Diodes with Low Efficiency Roll-Off. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4614-4621.	2.0	22
56	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
57	Intramolecular π - π 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
58	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
59	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
60	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
61	Aggregation-Induced Long-Lived Phosphorescence in Nonconjugated Polyurethane Derivatives at 77 K. <i>Macromolecules</i> , 2018, 51, 4178-4184.	4.8	33
62	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
63	Heteroatom-Induced Molecular Asymmetry Tunes Quantum Interference in Charge Transport through Single-Molecule Junctions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 14965-14970.	3.1	46
64	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
65	Formation of Two-Dimensional Micelles on Graphene: Multi-Scale Theoretical and Experimental Study. <i>ACS Nano</i> , 2017, 11, 3404-3412.	14.6	14
66	A neutral dinuclear Ir(III) complex for anti-counterfeiting and data encryption. <i>Chemical Communications</i> , 2017, 53, 3022-3025.	4.1	68
67	Regio- and conformational isomerization critical to design of efficient thermally-activated delayed fluorescence emitters. <i>Nature Communications</i> , 2017, 8, 14987.	12.8	235
68	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
69	Charge-Gating Dibenzo[<i>b</i>][1,2,5]oxadiazole Bridges in Electron Donor-Acceptor Conjugates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13557-13569.	3.1	19
70	The contributions of molecular vibrations and higher triplet levels to the intersystem crossing mechanism in metal-free organic emitters. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6269-6280.	5.5	83
71	Solution-Processable Thermally Activated Delayed Fluorescence White OLEDs Based on Dual-Emission Polymers with Tunable Emission Colors and Aggregation-Enhanced Emission Properties. <i>Advanced Optical Materials</i> , 2017, 5, 1700435.	7.3	99
72	Thermally Activated Delayed Fluorescence in Cu ^I Complexes Originating from Restricted Molecular Vibrations. <i>Chemistry - A European Journal</i> , 2017, 23, 11761-11766.	3.3	45

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73	Photophysics of an Asymmetric Donor–Acceptor–Donor ² TADF Molecule and Reinterpretation of Aggregation-Induced TADF Emission in These Materials. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17764-17772.	3.1	52
74	An optical and electrical study of full thermally activated delayed fluorescent white organic light-emitting diodes. <i>Scientific Reports</i> , 2017, 7, 6234.	3.3	38
75	Radical-Enhanced Charge Transport in Single-Molecule Phenothiazine Electrical Junctions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13061-13065.	13.8	66
76	Radical-Enhanced Charge Transport in Single-Molecule Phenothiazine Electrical Junctions. <i>Angewandte Chemie</i> , 2017, 129, 13241-13245.	2.0	18
77	Pyridylpyrazole N ^N 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
78	Determination of standard redox rate constants of OLED active compounds by electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 2017, 258, 1160-1172.	5.2	9
79	An AIE-active phosphorescent Ir(III) complex with piezochromic luminescence (PCL) and its application for monitoring volatile organic compounds (VOCs). <i>Journal of Materials Chemistry C</i> , 2017, 5, 12189-12193.	5.5	44
80	Aggregation-induced delayed fluorescence (AIDF) materials: a new break-through for nondoped OLEDs. <i>Science China Chemistry</i> , 2017, 60, 1561-1562.	8.2	11
81	Insulated molecular wires: inhibiting orthogonal contacts in metal complex based molecular junctions. <i>Nanoscale</i> , 2017, 9, 9902-9912.	5.6	30
82	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
83	Quantum interference and heteroaromaticity of para- and meta-linked bridged biphenyl units in single molecular conductance measurements. <i>Scientific Reports</i> , 2017, 7, 1794.	3.3	59
84	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
85	The HOF structures of nitrotetraphenylethene derivatives provide new insights into the nature of AIE and a way to design mechanoluminescent materials. <i>Chemical Science</i> , 2017, 8, 1163-1168.	7.4	110
86	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
87	A simple oxazoline as fluorescent sensor for Zn ²⁺ in aqueous media. <i>Inorganic Chemistry Communication</i> , 2016, 69, 89-93.	3.9	19
88	Achieving very bright mechanoluminescence from purely organic luminophores with aggregation-induced emission by crystal design. <i>Chemical Science</i> , 2016, 7, 5307-5312.	7.4	125
89	Combined aggregation induced emission (AIE), photochromism and photoresponsive wettability in simple dichloro-substituted triphenylethylene derivatives. <i>Chemical Science</i> , 2016, 7, 5302-5306.	7.4	95
90	Triplet harvesting at room temperature in metal free organic materials: photophysics and applications (Conference Presentation)., 2016, .		0

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91	Experimental and Computational Studies of the Single-Molecule Conductance of Ru(II) and Pt(II) <i>trans</i> -Bis(acetylide) Complexes. <i>Organometallics</i> , 2016, 35, 2944-2954.	2.3	49
92	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
93	Using Guest-Host Interactions To Optimize the Efficiency of TADF OLEDs. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3341-3346.	4.6	227
94	Pendant Homopolymer and Copolymers as Solution-Processable Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. <i>Macromolecules</i> , 2016, 49, 5452-5460.	4.8	145
95	The Role of Local Triplet Excited States and Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. <i>Advanced Science</i> , 2016, 3, 1600080.	11.2	403
96	Rational design and characterization of heteroleptic phosphorescent iridium(III) complexes for highly efficient deep-blue OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10246-10252.	5.5	48
97	Intermolecular Electronic Coupling of Organic Units for Efficient Persistent Room-Temperature Phosphorescence. <i>Angewandte Chemie</i> , 2016, 128, 2221-2225.	2.0	156
98	Intermolecular Electronic Coupling of Organic Units for Efficient Persistent Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2181-2185.	13.8	548
99	Novel Emitting System Based on a Multifunctional Bipolar Phosphor: An Effective Approach for Highly Efficient Warm-White Light-Emitting Devices with High Color-Rendering Index at High Luminance. <i>Advanced Materials</i> , 2016, 28, 5963-5968.	21.0	92
100	Solvent Dependence of the Single Molecule Conductance of Oligoynes-Based Molecular Wires. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15666-15674.	3.1	67
101	Themed issue on small molecules and monodisperse oligomers for organic electronics. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3675-3676.	5.5	7
102	Achieving remarkable mechanochromism and white-light emission with thermally activated delayed fluorescence through the molecular heredity principle. <i>Chemical Science</i> , 2016, 7, 2201-2206.	7.4	210
103	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
104	Engineering the singlet-triplet energy splitting in a TADF molecule. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3815-3824.	5.5	175
105	Key role of the linker in pyrene-linker-carboxylate surfactants for the efficient aqueous dispersion of multiwalled carbon nanotubes. <i>RSC Advances</i> , 2015, 5, 95360-95368.	3.6	6
106	Oligo(phenyleneethynylene) (OPE) Molecular Wires: Synthesis and Length Dependence of Photoinduced Charge Transfer in OPEs with Triarylamine and Diaryloxadiazole End Groups. <i>Chemistry - A European Journal</i> , 2015, 21, 3997-4007.	3.3	33
107	Solution-Processed Blue/Deep Blue and White Phosphorescent Organic Light-Emitting Diodes (PhOLEDs) Hosted by a Polysiloxane Derivative with Pendant mCP (1,3-bis(9-carbazolyl)benzene). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27989-27998.	8.0	44
108	Syntheses and Structures of Buta-1,3-Diynyl Complexes from π -Conjugated Complex-Cross-Coupling Reactions. <i>Organometallics</i> , 2015, 34, 2395-2405.	2.3	16

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109	Reversible Thermal Switching of Aqueous Dispersibility of Multiwalled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2015, 21, 3891-3894.	3.3	13
110	The role of exciplex states in phosphorescent OLEDs with poly(vinylcarbazole) (PVK) host. <i>Organic Electronics</i> , 2015, 20, 97-102.	2.6	21
111	Fluorene co-polymers with high efficiency deep-blue electroluminescence. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2479-2483.	5.5	23
112	Correlation of breaking forces, conductances and geometries of molecular junctions. <i>Scientific Reports</i> , 2015, 5, 9002.	3.3	48
113	New AIE-active dinuclear Ir(III) complexes with reversible piezochromic phosphorescence behaviour. <i>Chemical Communications</i> , 2015, 51, 13036-13039.	4.1	63
114	A quantum circuit rule for interference effects in single-molecule electrical junctions. <i>Nature Communications</i> , 2015, 6, 6389.	12.8	164
115	Arylsilanes and siloxanes as optoelectronic materials for organic light-emitting diodes (OLEDs). <i>Journal of Materials Chemistry C</i> , 2015, 3, 9496-9508.	5.5	80
116	Anion-specific aggregation induced phosphorescence emission (AIPE) in an ionic iridium complex in aqueous media. <i>Chemical Communications</i> , 2015, 51, 16924-16927.	4.1	43
117	High brightness deep blue/violet fluorescent polymer light-emitting diodes (PLEDs). <i>Journal of Materials Chemistry C</i> , 2015, 3, 9664-9669.	5.5	29
118	Electrochemical Control of Single-Molecule Conductance by Fermi-Level Tuning and Conjugation Switching. <i>Journal of the American Chemical Society</i> , 2014, 136, 17922-17925.	13.7	119
119	Very High Efficiency Orange-Red Light-Emitting Devices with Low Roll-Off at High Luminance Based on an Ideal Host-Guest System Consisting of Two Novel Phosphorescent Iridium Complexes with Bipolar Transport. <i>Advanced Functional Materials</i> , 2014, 24, 7420-7426.	14.9	100
120	Electrophosphorescence: Very High Efficiency Orange-Red Light-Emitting Devices with Low Roll-Off at High Luminance Based on an Ideal Host-Guest System Consisting of Two Novel Phosphorescent Iridium		

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127	New ionic dinuclear Ir(III) Schiff base complexes with aggregation-induced phosphorescent emission (AIPE). <i>Chemical Communications</i> , 2014, 50, 6977-6980.	4.1	61
128	A versatile hybrid polyphenylsilane host for highly efficient solution-processed blue and deep blue electrophosphorescence. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8277-8284.	5.5	32
129	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
130	Highly Efficient TADF OLEDs: How the Emitter-Host Interaction Controls Both the Excited State Species and Electrical Properties of the Devices to Achieve Near 100% Triplet Harvesting and High Efficiency. <i>Advanced Functional Materials</i> , 2014, 24, 6178-6186.	14.9	273
131	Oligosiloxane Functionalized with Pendant (1,3-Bis(9-carbazolyl)benzene) (mCP) for Solution-Processed Organic Electronics. <i>Chemistry - A European Journal</i> , 2014, 20, 16233-16241.	3.3	17
132	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
133	Efficient deep blue fluorescent polymer light-emitting diodes (PLEDs). <i>Journal of Materials Chemistry C</i> , 2014, 2, 5587-5592.	5.5	38
134	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
135	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
136	Focused ion beam and field-emission microscopy of metallic filaments in memory devices based on thin films of an ambipolar organic compound consisting of oxadiazole, carbazole, and fluorene units. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	21
137	New oxazoline- and thiazoline-containing heteroleptic iridium(III) complexes for highly-efficient phosphorescent organic light-emitting devices (PhOLEDs): colour tuning by varying the electroluminescence bandwidth. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6800.	5.5	27
138	Efficient Light-Emitting Electrochemical Cells (LECs) Based on Ionic Iridium(III) Complexes with 1,3,4-Oxadiazole Ligands. <i>Advanced Functional Materials</i> , 2013, 23, 4667-4677.	14.9	53
139	Modification of Electrode Surfaces by Self-Assembled Monolayers of Thiol-Terminated Oligo(Phenyleneethynylene)s. <i>ChemPhysChem</i> , 2013, 14, 431-440.	2.1	21
140	Precise Control of Intramolecular Charge Transport: The Interplay of Distance and Conformational Effects. <i>Chemistry - A European Journal</i> , 2013, 19, 7575-7586.	3.3	21
141	Cyclometalated Ir(III) Complexes for High-Efficiency Solution-Processable Blue PhOLEDs. <i>Chemistry of Materials</i> , 2013, 25, 2352-2358.	6.7	108
142	Triplet Harvesting with 100% Efficiency by Way of Thermally Activated Delayed Fluorescence in Charge Transfer OLED Emitters. <i>Advanced Materials</i> , 2013, 25, 3707-3714.	21.0	861
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