K R Justin Thomas

List of Publications by Year
in descending order

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186 papers	8,462 citations	34016 52 h-index	53109 85 g-index
192 all docs	192 docs citations	192 times ranked	7242 citing authors

#	Article	IF	Citations
1	Light-Emitting Carbazole Derivatives:Â Potential Electroluminescent Materials. Journal of the American Chemical Society, 2001, 123, 9404-9411.	6.6	503
2	Organic Dyes Incorporating Low-Band-Gap Chromophores for Dye-Sensitized Solar Cells. Organic Letters, 2005, 7, 1899-1902.	2.4	428
3	2,3-Disubstituted Thiophene-Based Organic Dyes for Solar Cells. Chemistry of Materials, 2008, 20, 1830-1840.	3.2	401
4	Color Tuning in Benzo[1,2,5]thiadiazole-Based Small Molecules by Amino Conjugation/Deconjugation: Bright Red-Light-Emitting Diodes. Advanced Functional Materials, 2004, 14, 83-90.	7.8	331
5	Chromophore-Labeled Quinoxaline Derivatives as Efficient Electroluminescent Materials. Chemistry of Materials, 2005, 17, 1860-1866.	3.2	266
6	Organic dyes containing thienylfluorene conjugation for solar cells. Chemical Communications, 2005, , 4098.	2.2	185
7	Organic Dyes Containing Carbazole as Donor and Ï€-Linker: Optical, Electrochemical, and Photovoltaic Properties. ACS Applied Materials & Interfaces, 2014, 6, 2528-2539.	4.0	170
8	Efficient Red-Emitting Cyclometalated Iridium(III) Complexes Containing Lepidine-Based Ligands. Inorganic Chemistry, 2005, 44, 5677-5685.	1.9	152
9	Energy and Electron Transfer in Bifunctional Non-Conjugated Dendrimers. Journal of the American Chemical Society, 2005, 127, 373-383.	6.6	139
10	Dipolar Compounds Containing Fluorene and a Heteroaromatic Ring as the Conjugating Bridge for Highâ€Performance Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2010, 16, 3184-3193.	1.7	124
11	High-Tg Carbazole Derivatives as Blue-Emitting Hole-Transporting Materials for Electroluminescent Devices. Advanced Functional Materials, 2003, 13, 445-452.	7.8	121
12	Star-Shaped Thieno-[3,4-b]-Pyrazines: A New Class of Red-Emitting Electroluminescent Materials. Advanced Materials, 2002, 14, 822.	11.1	119
13	Copper(II) Azide Complexes of Aliphatic and Aromatic Amine Based Tridentate Ligands:Â Novel Structure, Spectroscopy, and Magnetic Properties. Inorganic Chemistry, 2001, 40, 2378-2389.	1.9	110
14	Simple Triarylamine-Based Dyes Containing Fluorene and Biphenyl Linkers for Efficient Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2009, 113, 8541-8547.	1.5	108
15	Quinoxalines Incorporating Triarylamines:Â Potential Electroluminescent Materials with Tunable Emission Characteristics. Chemistry of Materials, 2002, 14, 2796-2802.	3.2	102
16	New Star-Shaped Luminescent Triarylamines:Â Synthesis, Thermal, Photophysical, and Electroluminescent Characteristics. Chemistry of Materials, 2002, 14, 1354-1361.	3.2	101
17	Green and Yellow Electroluminescent Dipolar Carbazole Derivatives:Â Features and Benefits of Electron-Withdrawing Segments. Chemistry of Materials, 2002, 14, 3852-3859.	3.2	100
18	Hexaphenylphenylene dendronised pyrenylamines for efficient organic light-emitting diodes. Journal of Materials Chemistry, 2005, 15, 4453.	6.7	99

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19	Using Meta Conjugation To Enhance Charge Separation versus Charge Recombination in Phenylacetylene Donorâ^'Bridgeâ^'Acceptor Complexes. Journal of the American Chemical Society, 2005, 127, 16348-16349.	6.6	97
20	2,7-Diaminofluorene-Based Organic Dyes for Dye-Sensitized Solar Cells: Effect of Auxiliary Donor on Optical and Electrochemical Properties. Journal of Organic Chemistry, 2011, 76, 4910-4920.	1.7	97
21	Coordination and organometallic chemistry of cyclophosphazenes and polyphosphazenes. Applied Organometallic Chemistry, 1993, 7, 1-31.	1.7	96
22	Pyrene-Fluorene Hybrids Containing Acetylene Linkage as Color-Tunable Emitting Materials for Organic Light-Emitting Diodes. Journal of Organic Chemistry, 2012, 77, 3921-3932.	1.7	91
23	Synthesis and Optical Properties of Acidochromic Amine-Substituted Benzo[a]phenazines. Journal of Organic Chemistry, 2011, 76, 6134-6145.	1.7	90
24	Cyanocarbazole Derivatives for High-Performance Electroluminescent Devices. Advanced Functional Materials, 2004, 14, 387-392.	7.8	89
25	Novel Green Light-Emitting Carbazole Derivatives: Potential Electroluminescent Materials. Advanced Materials, 2000, 12, 1949-1951.	11.1	86
26	Fluorene-Based Sensitizers with a Phenothiazine Donor: Effect of Mode of Donor Tethering on the Performance of Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 2249-2262.	4.0	84
27	New Carbazoleâ^'Oxadiazole Dyads for Electroluminescent Devices:â€‰ Influence of Acceptor Substituents on Luminescent and Thermal Properties. Chemistry of Materials, 2004, 16, 5437-5444.	3.2	75
28	A new molecular design based on hybridized local and charge transfer fluorescence for highly efficient (>6%) deep-blue organic light emitting diodes. Chemical Communications, 2017, 53, 11802-11805.	2.2	75
29	Biferrocenes with Heteroaromatic Spacers:Â Synthesis, Structure, and Electrochemistry. Organometallics, 2000, 19, 1008-1012.	1.1	74
30	Synthesis, spectroscopy and structure of new pushâ€“pull ferrocene complexes containing heteroaromatic rings (thiophene and furan) in the conjugation chain. Journal of Organometallic Chemistry, 1999, 575, 301-309.	0.8	73
31	Effects of co-adsorbate and additive on the performance of dye-sensitized solar cells: A photophysical study. Solar Energy Materials and Solar Cells, 2007, 91, 1426-1431.	3.0	72
32	Electro-optical properties of new anthracene based organic dyes for dye-sensitized solar cells. Dyes and Pigments, 2011, 91, 33-43.	2.0	72
33	Unusual tridentate N3 capping coordination behavior of hexakis(3,5-dimethylpyrazolyl)cyclotriphosphazene, N3P3(3,5-Me2Pz)6: synthesis, spectroscopy, and electrochemistry of mono- and dinuclear copper(II) complexes and the x-ray structure of N3P3(3,5-Me2Pz)6.cntdot.CuCl2. Inorganic Chemistry, 1993, 32, 606-611.	1.9	71
34	Organic Dyes Containing Fluorene Decorated with Imidazole Units for Dye-Sensitized Solar Cells. Journal of Organic Chemistry, 2014, 79, 3159-3172.	1.7	71
35	Novel Pyrenoimidazole-Based Organic Dyes for Dye-Sensitized Solar Cells. Organic Letters, 2011, 13, 2622-2625.	2.4	68
36	New Triphenylamine-Based Organic Dyes with Different Numbers of Anchoring Groups for Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2012, 116, 5941-5950.	1.5	68

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37	Highly efficient ultra-deep blue organic light-emitting diodes with a wet- and dry-process feasible cyanofluorene acetylene based emitter. Journal of Materials Chemistry C, 2015, 3, 2182-2194.	2.7	65
38	Co-sensitization promoted light harvesting for plastic dye-sensitized solar cells. Journal of Power Sources, 2011, 196, 2416-2421.	4.0	64
39	Electroluminescent bipolar compounds containing quinoxaline or pyridopyrazine and triarylamine segments. Journal of Materials Chemistry, 2002, 12, 3516-3522.	6.7	63
40	Light-Emitting Diodes Based on a Carbazole-Derivatized Dopant:Â Origin of Dopant Excitation as a Function of the Device Structure. Chemistry of Materials, 2002, 14, 357-361.	3.2	63
41	Phenothiazine Decorated Carbazoles: Effect of Substitution Pattern on the Optical and Electroluminescent Characteristics. Journal of Organic Chemistry, 2015, 80, 5812-5823.	1.7	63
42	Synthesis, Spectra, and Theoretical Investigations of the Triarylamines Based on 6H-Indolo[2,3-b]quinoxaline. Journal of Organic Chemistry, 2010, 75, 8100-8111.	1.7	60
43	Co-sensitization promoted light harvesting for organic dye-sensitized solar cells using unsymmetrical squaraine dye and novel pyrenoimidazole-based dye. Journal of Power Sources, 2013, 240, 779-785.	4.0	60
44	Organic dyes containing fluoren-9-ylidene chromophores for efficient dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 5766.	5.2	60
45	Solution Processable Indoloquinoxaline Derivatives Containing Bulky Polyaromatic Hydrocarbons: Synthesis, Optical Spectra, and Electroluminescence. Journal of Organic Chemistry, 2011, 76, 4571-4581.	1.7	59
46	Pyrene-based organic dyes with thiophene containing Ï€-linkers for dye-sensitized solar cells: optical, electrochemical and theoretical investigations. Physical Chemistry Chemical Physics, 2011, 13, 17210.	1.3	59
47	Benzimidazole-Branched Isomeric Dyes: Effect of Molecular Constitution on Photophysical, Electrochemical, and Photovoltaic Properties. Journal of Organic Chemistry, 2016, 81, 640-653.	1.7	58
48	A novel photoelectrochromic device with dual application based on poly(3,4-alkylenedioxythiophene) thin film and an organic dye. Journal of Power Sources, 2008, 185, 1505-1508.	4.0	56
49	Optical properties of pyrene and anthracene containing imidazoles: Experimental and theoretical investigations. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 218, 162-173.	2.0	56
50	Selective naked-eye cyanide detection in aqueous media using a carbazole-derived fluorescent dye. RSC Advances, 2014, 4, 22902.	1.7	56
51	Insights into the co-sensitizer adsorption kinetics for complementary organic dye-sensitized solar cells. Journal of Power Sources, 2014, 247, 906-914.	4.0	54
52	New Methods of Resolution and Enrichment of Enantiomeric Excesses of 1,1â€˜-Bi-2-naphthol. Journal of Organic Chemistry, 1997, 62, 4302-4306.	1.7	53
53	PyrenoimidazoleâEBased DeepâEBlueâEEmitting Materials: Optical, Electrochemical, and Electroluminescent Characteristics. Chemistry - an Asian Journal, 2013, 8, 2111-2124.	1.7	53
54	Recent aspects of the structure and reactivity of cyclophosphazenes. , 1993, , 41-113.		51

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55	A new porphyrin bearing a pyridinylethynyl group as sensitizer for dye sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 253, 88-96.	2.0	49
56	Self-Assembly Molecular Architectures Incorporating Fluorene- and Carbazole-Based Bichromic Oligopyridines. Novel Photoactive Materials. Organometallics, 2001, 20, 2262-2269.	1.1	48
57	Multi-substituted deep-blue emitting carbazoles: a comparative study on photophysical and electroluminescence characteristics. Journal of Materials Chemistry C, 2017, 5, 709-726.	2.7	47
58	Synthesis, Spectroscopy, and Electrochemistry of Ternary Copper(II) Complexes with 2,2-Diphenyl-4,4,6,6-tetrakis(3,5-dimethylpyrazolyl)cyclotriphosphazene and Nitrogenous Bases. X-ray Structures of N3P3Ph2(3,5-Me2Pz)4.cntdot.Cu(ClO4)2.cntdot.2H2O and N3P3Ph2(3,5-Me2Pz)4.cntdot.Cu(ClO4)2.cntdot.2ImH. Inorganic Chemistry, 1994, 33, 5382-5390.	1.9	45
59	Ferrocene End-Capped Palladium(II) and Platinum(II) Complexes with Thiophene Spacers. Organometallics, 1999, 18, 5285-5291.	1.1	45
60	A new family of A2B2 type porphyrin derivatives: synthesis, physicochemical characterization and their application in dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 8092.	6.7	45
61	Tuning the Photophysical and Electroluminescence Properties in Asymmetrically Tetrasubstituted Bipolar Carbazoles by Functional Group Disposition. ACS Applied Materials & Interfaces, 2018, 10, 24013-24027.	4.0	45
62	Enhancing the performance of dye-sensitized solar cells based on an organic dye by incorporating TiO2 nanotube in a TiO2 nanoparticle film. Electrochimica Acta, 2009, 54, 4123-4130.	2.6	44
63	Organic Dyes Containing Pyrenylamineâ€Based Cascade Donor Systems with Different Aromatic Ï€â€…Linkers for Dyeâ€Sensitized Solar Cells: Optical, Electrochemical, and Device Characteristics. Chemistry - an Asian Journal, 2012, 7, 738-750.	1.7	43
64	Fluorene based organic dyes for dye sensitised solar cells: structureâ€“property relationships. Materials Technology, 2013, 28, 71-87.	1.5	41
65	Organic dyes containing indolo[2,3-b]quinoxaline as a donor: synthesis, optical and photovoltaic properties. Tetrahedron, 2014, 70, 6318-6327.	1.0	40
66	Designâ€toâ€Device Approach Affords Panchromatic Coâ€Sensitized Solar Cells. Advanced Energy Materials, 2019, 9, 1802820.	10.2	40
67	Energy harvesting star-shaped molecules for electroluminescence applications. Chemical Communications, 2004, , 2328.	2.2	39
68	Cis-facial coordination of bis(pyrid-2-ylmethyl)amine (bpma). Synthesis, structure and spectral behaviour of [Ni(bpma)2]2+. Polyhedron, 1998, 17, 2179-2186.	1.0	38
69	Fluoranthene-based triarylamines as hole-transporting and emitting materials for efficient electroluminescent devices. New Journal of Chemistry, 2010, 34, 2739.	1.4	38
70	Benzothiadiazole-based organic dyes with pyridine anchors for dye-sensitized solar cells: effect of donor on optical properties. Tetrahedron, 2015, 71, 4203-4212.	1.0	38
71	Benzo[1,2,5]selenadiazole bridged amines: electro-optical properties. Tetrahedron Letters, 2005, 46, 7647-7651.	0.7	35
72	Functional tuning of phenothiazine-based dyes by a benzimidazole auxiliary chromophore: an account of optical and photovoltaic studies. RSC Advances, 2014, 4, 53588-53601.	1.7	35

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73	Dependence of the Two-Photon Absorption Cross Section on the Conjugation of the Phenylacetylene Linker in Dipolar Donorâ"Bridgeâ"Acceptor Chromophores. Journal of Physical Chemistry A, 2005, 109, 9767-9774.	1.1	34
74	Fine-Tuning of Photophysical and Electroluminescence Properties of Benzothiadiazole-Based Emitters by Methyl Substitution. Journal of Organic Chemistry, 2017, 82, 11512-11523.	1.7	34
75	Synthesis and characterization of organic dyes containing 2,7-disubstituted carbazole Ï€-linker. Tetrahedron Letters, 2013, 54, 3985-3989.	0.7	33
76	Plant Growth Absorption Spectrum Mimicking Light Sources. Materials, 2015, 8, 5265-5275.	1.3	33
77	Thienylphenothiazine integrated pyrenes: an account on the influence of substitution patterns on their optical and electroluminescence properties. Journal of Materials Chemistry C, 2016, 4, 4246-4258.	2.7	33
78	Synthesis, structure and electroluminescent properties of cyclometalated iridium complexes possessing sterically hindered ligands. Dalton Transactions, 2007, , 3025.	1.6	32
79	Donorâ€"Acceptor Interactions in Redâ€Emitting Thienylbenzeneâ€Branched Dendrimers with Benzothiadiazole Core. Chemistry - A European Journal, 2008, 14, 11231-11241.	1.7	32
80	Synthesis, optical properties, and blue electroluminescence of fluorene derivatives containing multiple imidazoles bearing polyaromatic hydrocarbons. Tetrahedron, 2013, 69, 2594-2602.	1.0	32
81	Biâ€anchoring Organic Dyes that Contain Benzimidazole Branches for Dyeâ€Sensitized Solar Cells: Effects of Ï€â€…Spacer and Peripheral Donor Groups. Chemistry - an Asian Journal, 2016, 11, 2564-2577.	1.7	32
82	Organic dyes containing fluoreneamine donor and carbazole Ï€-linker for dye-sensitized solar cells. Dyes and Pigments, 2015, 123, 154-165.	2.0	31
83	Deep-blue emitting pyreneâ€"benzimidazole conjugates for solution processed organic light-emitting diodes. RSC Advances, 2015, 5, 8727-8738.	1.7	31
84	Experimental and DFT studies on the ultrasonic energy-assisted extraction of the phytochemicals of Catharanthus roseus as green corrosion inhibitors for mild steel in NaCl medium. RSC Advances, 2020, 10, 5399-5411.	1.7	31
85	Structural and spectral diversities in copper(II) complexes of 2,6-bis(3,5-dimethylpyrazol-1-ylmethyl)pyridineâ€Šâ€¡. Dalton Transactions RSC, 2000, , 2779-2785.	2.3	30
86	Fluorene-based organic dyes containing acetylene linkage for dye-sensitized solar cells. Dyes and Pigments, 2012, 95, 523-533.	2.0	30
87	Phenothiazine-based bipolar green-emitters containing benzimidazole units: synthesis, photophysical and electroluminescence properties. RSC Advances, 2015, 5, 87416-87428.	1.7	29
88	Synthesis and characterization of a new perylene bisimide (PBI) derivative and its application as electron acceptor for bulk heterojunction polymer solar cells. Organic Electronics, 2012, 13, 3118-3129.	1.4	28
89	The use of a polarity matching and high-energy exciton generating host in fabricating efficient purplish-blue OLEDs from a sky-blue emitter. Journal of Materials Chemistry, 2012, 22, 15500.	6.7	27
90	Star-shaped polyferrocenes based on thiophene and triphenylamine: synthesis, spectroscopy and electrochemistry. Journal of Organometallic Chemistry, 2001, 637-639, 139-144.	0.8	26

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91	Synthesis and spectroscopy of mono- and di-nuclear copper complexes of a pyrazolylcyclotriphosphazene. Crystal structure of an unusual cyclotriphosphazene-bridged dicopper complex. Journal of the Chemical Society Dalton Transactions, 1993, , 2589.	1.1	25
92	A novel 2,7-diaminofluorene-based organic dye for a dye-sensitized solar cell. Journal of Power Sources, 2012, 215, 122-129.	4.0	24
93	Triarylamineâ€Free Pyrenoimidazoleâ€Containing Organic Dyes with Different Ï€â€Linkers for Dyeâ€Sensitized Solar Cells. Asian Journal of Organic Chemistry, 2015, 4, 164-172.	1.3	24
94	Synthesis, characterization and electroluminescence of carbazole-benzimidazole hybrids with thiophene/phenyl linker. Dyes and Pigments, 2016, 133, 132-142.	2.0	24
95	Tuning photophysical and electroluminescent properties of phenanthroimidazole decorated carbazoles with donor and acceptor units: Beneficial role of cyano substitution. Dyes and Pigments, 2021, 184, 108830.	2.0	24
96	Enabling a 6.5% External Quantum Efficiency Deep-Blue Organic Light-Emitting Diode with a Solution-Processable Carbazole-Based Emitter. Journal of Physical Chemistry C, 2018, 122, 24295-24303.	1.5	23
97	Isolation and x-ray crystal structure of (phenylselenito)triphenyltin: the first example of an organotin ester of phenylseleninic acid. Inorganic Chemistry, 1992, 31, 4707-4708.	1.9	22
98	Lattice-Dictated Conformers in Bis(pyrazolyl)pyridine-Based Iron(II) Complexes:Â MÃ¶ssbauer, NMR, and Magnetic Studies. Inorganic Chemistry, 2001, 40, 6930-6939.	1.9	22
99	Ruthenium and Rhenium Complexes of Fluorene-Based Bipyridine Ligands:Â Synthesis, Spectra, and Electrochemistry. Organometallics, 2001, 20, 557-563.	1.1	22
100	Star-like fluorene based polyamines: non-conjugated building blocks for light-harvesting materials. Tetrahedron, 2006, 62, 3517-3522.	1.0	22
101	Efficient bulk heterojunction photovoltaic devices based on diketopyrrolopyrrole containing small molecule as donor and modified PCBM derivatives as electron acceptors. Organic Electronics, 2012, 13, 652-666.	1.4	22
102	Synthesis and characterization of dianchoring organic dyes containing 2,7-diaminofluorene donors as efficient sensitizers for dye-sensitized solar cells. Organic Electronics, 2013, 14, 3267-3276.	1.4	22
103	Synthesis and photovoltaic properties of organic dyes containing N-fluoren-2-yl dithieno[3,2-b:2â€²,3â€²-d]pyrrole and different donors. Organic Electronics, 2015, 26, 109-116.	1.4	22
104	Experimental and computational studies of a graphene oxide barrier layer covalently functionalized with amino acids on Mg AZ13 alloy in salt medium. RSC Advances, 2019, 9, 32441-32447.	1.7	22
105	Organic bulk heterojunction solar cells based on solution processable small molecules (Aâ€“Ï€â€“A) featuring 2-(4-nitrophenyl) acrylonitrile acceptors and phthalimide-based Ï€-linkers. Journal of Materials Chemistry, 2012, 22, 13986.	6.7	21
106	Rose bengal photocatalyzed Knoevenagel condensation of aldehydes and ketones in aqueous medium. Green Chemistry, 2022, 24, 4952-4957.	4.6	21
107	Five-coordinate copper(II) complexes of GEM-N3P3Ph2(dmpz)4. Polyhedron, 1995, 14, 977-982.	1.0	20
108	Bulk heterojunction organic photovoltaic devices based on small molecules featuring pyrrole and carbazole and 2-(4-nitrophenyl)acrylonitrile acceptor segments as donor and fullerene derivatives as acceptor. Dyes and Pigments, 2012, 94, 320-329.	2.0	20

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109	Functional tuning of organic dyes containing 2,7-carbazole and other electron-rich segments in the conjugation pathway. RSC Advances, 2015, 5, 17953-17966.	1.7	20
110	Synthesis, optical, electrochemical and photovoltaic properties of organic dyes containing trifluorenylamine donors. Dyes and Pigments, 2015, 113, 78-86.	2.0	20
111	Synthesis and characterization of mononuclear nickel(II) and cobalt(II) complexes of 2,2,4,4-tetrakis(3,5-dimethylpyrazolyl)-6,6-diphenyl-2Î»5,4Î»5,6Î»5-cyclotriphosphaza-1,3,5-triene L: crystal structure of [NiLCl2]. Journal of the Chemical Society Dalton Transactions, 1994, , 1301-1304.	1.1	19
112	Fine Tuning the Performance of DSSCs by Variation of the Ï€â€Spacers in Organic Dyes that Contain a 2,7â€Diaminofluorene Donor. Chemistry - an Asian Journal, 2012, 7, 2942-2954.	1.7	19
113	Dithienylthienothiadiazole-based organic dye containing two cyanoacrylic acid anchoring units for dye-sensitized solar cells. RSC Advances, 2012, 2, 11457.	1.7	19
114	Recent Advances in the Design of Multiâ€Substituted Carbazoles for Optoelectronics: Synthesis and Structureâ€Property Outlook. ChemPhotoChem, 2022, 6, .	1.5	19
115	Copper(II) and cobalt(II) complexes of 2,2-diphenyl-4,4,6,6-tetrakis(1-pyrazolyl) cyclotriphosphazene, N3P3Ph2Pz4. X-ray crystal structure of N3P3Ph2Pz4Â·CoCl2Â·0.5CH2Cl2. Polyhedron, 1995, 14, 1607-1613.	1.0	18
116	Bis-naphthalimides bridged by electron acceptors: optical and self-assembly characteristics. RSC Advances, 2016, 6, 71638-71651.	1.7	18
117	Manipulation of Donorâ€“Acceptor Interactions in Carbazoleâ€Based Emitters by Chromophore Choice To Achieve Nearâ€UV Emission. European Journal of Organic Chemistry, 2017, 2017, 6660-6670.	1.2	18
118	Synthesis and characterization of multi-substituted carbazole derivatives exhibiting aggregation-induced emission for OLED applications. Organic Electronics, 2020, 86, 105864.	1.4	18
119	Effect of Cyano on the Functional Properties of Phenanthroimidazole-Substituted Carbazole Derivatives. ACS Applied Electronic Materials, 2021, 3, 3876-3888.	2.0	18
120	Title is missing!. Journal of Chemical Crystallography, 1999, 29, 413-420.	0.5	17
121	The synthesis and spectral characterization of red dyes containing biphenyl or fluorene conjugation and dicyanovinyl acceptors. Dyes and Pigments, 2011, 88, 195-203.	2.0	17
122	2-Hydroxyarylimidazole-based colorimetric and ratiometric fluoride ion sensors. RSC Advances, 2014, 4, 56466-56474.	1.7	17
123	Fine tuning the absorption and photovoltaic properties of benzothiadiazole dyes by donor-acceptor interaction alternation via methyl position. Electrochimica Acta, 2019, 304, 1-10.	2.6	17
124	Polarity tuning of fluorene derivatives by chromophores to achieve efficient blue electroluminescent materials. Organic Electronics, 2019, 64, 266-273.	1.4	17
125	Platinum(II) and palladium(II) complexes of tetrakis(pyrazolyl)cyclotriphosphazenes. Polyhedron, 1997, 16, 1003-1011.	1.0	16
126	Photophysics, Electrochemistry, Morphology, and Bioimaging Applications of New 1,8â€Naphthalimide Derivatives Containing Different Chromophores. Chemistry - an Asian Journal, 2017, 12, 2612-2622.	1.7	16

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127	Phenanthroimidazole substituted imidazo[1,2-a]pyridine derivatives for deep-blue electroluminescence with CIEyÂâˆ¼Â0.08. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 423, 113600.	2.0	16
128	Highly efficient deep-blue organic light emitting diode with a carbazole based fluorescent emitter. Japanese Journal of Applied Physics, 2018, 57, 04FL08.	0.8	15
129	Light Promoted Synthesis of Quinoxalines and Imidazo[1,2â€a]pyridines via Oxybromination from Alkynes and Alkenes. Asian Journal of Organic Chemistry, 2020, 9, 1820-1825.	1.3	15
130	EPR of Cu(II)-doped seven-coordinate inclusion compounds, M(stpy)3(NO3)2Â·1/2stpy (M=Cd(II) and Zn(II),) Tj ETQq0 0 0 rgBT /Overloc - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 441-449.	2.0	14
131	Cyano-functionalized carbazole substituted pyrene derivatives for promising organic light-emitting diodes. Dyes and Pigments, 2018, 158, 295-305.	2.0	14
132	A Polymorph of Bis(2-pyridylmethyl)amine Iron(III) Chloride. Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 741-743.	0.4	13
133	Zinc(II) and Ruthenium(II) Complexes of Novel Fluorene Substituted Terpyridine Ligands: Synthesis, Spectroscopy and Electrochemistry. Journal of the Chinese Chemical Society, 2002, 49, 833-840.	0.8	13
134	Novel red and white PLED devices consisting of PVK blended with blue-emitting fluorene derivatives and carbazole dopants. Synthetic Metals, 2006, 156, 1155-1160.	2.1	13
135	Vinyl-Linked Cyanocarbazole-Based Emitters: Effect of Conjugation and Terminal Chromophores on the Photophysical and Electroluminescent Properties. ACS Omega, 2018, 3, 16477-16488.	1.6	12
136	Star-Shaped Asymmetrically Substituted Blue Emitting Carbazoles: Synthesis, Photophyscial, Electrochemical and Theoretical Investigations. ChemistrySelect, 2017, 2, 7514-7524.	0.7	11
137	Simple carbazole based deep-blue emitters: The effect of spacer, linkage and end-capping cyano group on the photophysical and electroluminescent properties. Dyes and Pigments, 2018, 151, 310-320.	2.0	11
138	HETEROBIMETALLIC (PD,PT,CU) COMPLEXES OF HEXAPYRAZOLYLCYCLOTRIPHOSPHAZENEVIASIMULTANEOUS GEMINAL (N₂) AND NONGEMINAL (N₃) COORDINATION MODES. Journal of Coordination Chemistry, 1995, 35, 337-348.	0.8	10
139	Effect of Auxiliary Chromophores on the Optical, Electrochemical, and Photovoltaic Properties of Carbazoleâ€Based Dyes. Asian Journal of Organic Chemistry, 2015, 4, 69-80.	1.3	10
140	Synthesis and characterization of thieno[3,4- d]imidazole-based organic sensitizers for photoelectrochemical cells. Dyes and Pigments, 2016, 129, 60-70.	2.0	10
141	Phenanthroimidazole-based bipolar carbazoles featuring cyano substituents to realize efficient deep-blue electroluminescence with an external quantum efficiency of nearly 6%. Materials Advances, 2021, 2, 6326-6338.	2.6	10
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