

Taweesak Sudyoadsuk

List of Publications by Year in descending order

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111
papers

2,913
citations

136885

32
h-index

214721

47
g-index

113
all docs

113
docs citations

113
times ranked

2899
citing authors

#	ARTICLE	IF	CITATIONS
1	Dâ€“Dâ€“â€“A-Type Organic Dyes for Dye-Sensitized Solar Cells with a Potential for Direct Electron Injection and a High Extinction Coefficient: Synthesis, Characterization, and Theoretical Investigation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25653-25663.	1.5	153
2	Rubber seed oil as potential non-edible feedstock for biodiesel production using heterogeneous catalyst in Thailand. <i>Renewable Energy</i> , 2017, 101, 937-944.	4.3	114
3	Theoretical study on novel double donor-based dyes used in high efficient dye-sensitized solar cells: The application of TDDFT study to the electron injection process. <i>Organic Electronics</i> , 2013, 14, 711-722.	1.4	97
4	Carbazole dendronised triphenylamines as solution processed high Tg amorphous hole-transporting materials for organic electroluminescent devices. <i>Chemical Communications</i> , 2012, 48, 3382.	2.2	94
5	Biodiesel production based on heterogeneous process catalyzed by solid waste coral fragment. <i>Fuel</i> , 2012, 98, 194-202.	3.4	85
6	Blue light-emitting and hole-transporting materials based on 9,9-bis(4-diphenylaminophenyl)fluorenes for efficient electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 6869.	6.7	74
7	Novel Bis[5-(fluoren-2-yl)thiophen-2-yl]benzothiadiazole End-Capped with Carbazole Dendrons as Highly Efficient Solution-Processed Nondoped Red Emitters for Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8694-8703.	4.0	72
8	Pyrene-functionalized carbazole derivatives as non-doped blue emitters for highly efficient blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4916.	2.7	71
9	Synthesis of electrochemically and thermally stable amorphous hole-transporting carbazole dendronized fluorene. <i>Synthetic Metals</i> , 2007, 157, 17-22.	2.1	66
10	Carbazole-Dendrimer-Based Donorâ€“Acceptor Type Organic Dyes for Dye-Sensitized Solar Cells: Effect of the Size of the Carbazole Dendritic Donor. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8212-8222.	4.0	60
11	Tuning the electron donating ability in the triphenylamine-based D-Ï€-A architecture for highly efficient dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 273, 8-16.	2.0	57
12	Bifunctional anthracene derivatives as non-doped blue emitters and hole-transporters for electroluminescent devices. <i>Chemical Communications</i> , 2011, 47, 7122.	2.2	55
13	Synthesis and Characterization of Dâ€“Dâ€“â€“A-Type Organic Dyes Bearing Carbazoleâ€“Carbazole as a Donor Moiety (Dâ€“D) for Efficient Dyeâ€“Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5051-5063.	1.2	55
14	A Simple and Strong Electronâ€“Deficient 5,6â€“Dicyano[2,1,3]benzothiadiazoleâ€“Cored Donorâ€“Acceptorâ€“Donor Compound for Efficient Near Infrared Thermally Activated Delayed Fluorescence. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3029-3036.	1.7	52
15	Synthesis and characterization of N-carbazole end-capped oligofluorene-thiophenes. <i>Tetrahedron</i> , 2007, 63, 8881-8890.	1.0	46
16	Novel bis(fluorenyl)benzothiadiazole-cored carbazole dendrimers as highly efficient solution-processed non-doped green emitters for organic light-emitting diodes. <i>Chemical Communications</i> , 2013, 49, 6388.	2.2	44
17	Theoretical investigation of novel carbazoleâ€“fluorene based Dâ€“Ï€-A conjugated organic dyes as dyeâ€“sensitizer in dyeâ€“sensitized solar cells (DSCs). <i>Journal of Computational Chemistry</i> , 2011, 32, 1568-1576.	1.5	42
18	Synthesis and characterization of high Tg carbazole-based amorphous hole-transporting materials for organic light-emitting devices. <i>Tetrahedron Letters</i> , 2011, 52, 4749-4752.	0.7	41

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19	Synthesis and Characterization of 2Dâ€¦â€¦â€¦Type Organic Dyes Bearing Bis(3,6â€¦â€¦â€¦tertâ€¦â€¦butylcarbazolâ€¦â€¦ylphenyl)aniline as Donor Moiety for Dyeâ€¦Sensitized Solar Cells. European Journal of Organic Chemistry, 2013, 2013, 2608-2620.	1.2	40
20	Synthesis and properties of stable amorphous hole-transporting molecules for electroluminescent devices. Tetrahedron Letters, 2006, 47, 8949-8952.	0.7	39
21	Bis(carbazol-9-ylphenyl)aniline End-Capped Oligoarylenes as Solution-Processed Nondoped Emitters for Full-Emission Color Tuning Organic Light-Emitting Diodes. Journal of Organic Chemistry, 2013, 78, 6702-6713.	1.7	38
22	A Dimeric Î€Stacking of Anthracene Inducing Efficiency Enhancement in Solidâ€State Fluorescence and Nonâ€Doped Deepâ€Blue Tripletâ€Triplet Annihilation Organic Lightâ€Emitting Diodes. Advanced Optical Materials, 2021, 9, 2100500.	3.6	38
23	Imidazole-based solid-state fluorophores with combined ESIPT and AIE features as self-absorption-free non-doped emitters for electroluminescent devices. Dyes and Pigments, 2021, 193, 109488.	2.0	38
24	Thermally and electrochemically stable amorphous hole-transporting materials based on carbazole dendrimers for electroluminescent devices. Thin Solid Films, 2008, 516, 2881-2888.	0.8	37
25	An efficient solution processed non-doped red emitter based on carbazoleâ€triphenylamine end-capped di(thiophen-2-yl)benzothiadiazole for pure red organic light-emitting diodes. Chemical Communications, 2013, 49, 3401.	2.2	36
26	Synthesis and characterization of N-carbazole end-capped oligofluorenes. Tetrahedron Letters, 2007, 48, 89-93.	0.7	35
27	Multi-triphenylamine-substituted carbazoles: synthesis, characterization, properties, and applications as hole-transporting materials. Tetrahedron Letters, 2013, 54, 3683-3687.	0.7	35
28	Effects of Î€linker, anchoring group and capped carbazole at meso-substituted zinc-porphyrins on conversion efficiency of DSSCs. Dyes and Pigments, 2015, 118, 64-75.	2.0	35
29	Dipyrenylcarbazole Derivatives for Blue Organic Lightâ€Emitting Diodes. Chemistry - an Asian Journal, 2010, 5, 2162-2167.	1.7	34
30	Synthesis, Properties and Applications of Biphenyl Functionalized 9,9â€Bis(4â€diphenylaminophenyl)fluorenes as Bifunctional Materials for Organic Electroluminescent Devices. European Journal of Organic Chemistry, 2012, 2012, 5263-5274.	1.2	34
31	Synthesis and Characterization of Carbazole Dendrimers as Solutionâ€Processed High <i>T</i>_g Amorphous Holeâ€Transporting Materials for Electroluminescent Devices. European Journal of Organic Chemistry, 2013, 2013, 6619-6628.	1.2	34
32	Triple bond-modified anthracene sensitizers for dye-sensitized solar cells: a computational study. RSC Advances, 2015, 5, 38130-38140.	1.7	33
33	Synthesis and properties of hole-transporting fluorene linked bistrphenylamine. Optical Materials, 2007, 30, 364-369.	1.7	32
34	Synthesis and Characterization of 9â€(Fluorenâ€2â€yl)anthracene Derivatives as Efficient Nonâ€Doped Blue Emitters for Organic Lightâ€Emitting Diodes. European Journal of Organic Chemistry, 2013, 2013, 3825-3834.	1.2	32
35	High Solidâ€State Near Infrared Emissive Organic Fluorophores from Thiadiazole[3,4â€Pyridine Derivatives for Efficient Simple Solutionâ€Processed Nondoped Near Infrared OLEDs. Advanced Functional Materials, 2020, 30, 2002481.	7.8	31
36	Synthesis and characterization of carbazole dendronized coumarin derivatives as solution-processed non-doped emitters and hole-transporters for electroluminescent devices. New Journal of Chemistry, 2014, 38, 3282.	1.4	30

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37	The effect of conjugated spacer on novel carbazole derivatives for dye-sensitized solar cells: Density functional theory/time-dependent density functional theory study. <i>Journal of Computational Chemistry</i> , 2012, 33, 1517-1523.	1.5	28
38	Novel Hybrid Energy Conversion and Storage Cell with Photovoltaic and Supercapacitor Effects in Ionic Liquid Electrolyte. <i>Scientific Reports</i> , 2018, 8, 12192.	1.6	28
39	A solution-processable hybridized local and charge-transfer (HLCT) phenanthroimidazole as a deep-blue emitter for efficient solution-processed non-doped electroluminescence device. <i>Dyes and Pigments</i> , 2021, 195, 109712.	2.0	28
40	Theoretical studies on electronic structures and photophysical properties of anthracene derivatives as hole-transporting materials for OLEDs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 36-45.	2.0	27
41	Synthesis, Characterisation, and Electroluminescence Properties of <i>N</i> -Coumarin Derivatives Containing Peripheral Triphenylamine. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 496-505.	1.2	26
42	Modulation of π -spacer of carbazole-carbazole based organic dyes toward high efficient dye-sensitized solar cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 174, 7-16.	2.0	26
43	Synthesis, optical, electrochemical, and thermal properties of β , β' -bis(9,9-bis- <i>n</i> -hexylfluorenyl)-substituted oligothiophenes. <i>Tetrahedron Letters</i> , 2007, 48, 3661-3665.	0.7	24
44	Intramolecular hydrogen bond enhanced electroluminescence performance of hybridized local and charge transfer (HLCT) excited-state blue-emissive materials. <i>Journal of Materials Chemistry C</i> , 2021, 9, 497-507.	2.7	24
45	<i>N</i> -coumarin derivatives as hole-transporting emitters for high efficiency solution-processed pure green electroluminescent devices. <i>Dyes and Pigments</i> , 2015, 112, 227-235.	2.0	23
46	Coumarin-based donor-acceptor organic dyes for a dye-sensitized solar cell: photophysical properties and electron injection mechanism. <i>Theoretical Chemistry Accounts</i> , 2016, 135, 1.	0.5	23
47	Theoretical study of β -fluorenyl oligothiophenes as color tunable emissive materials for highly efficient electroluminescent device. <i>Organic Electronics</i> , 2012, 13, 1836-1843.	1.4	22
48	Multi-triphenylamine-functionalized dithienylbenzothiadiazoles as hole-transporting non-doped red emitters for efficient simple solution processed pure red organic light-emitting diodes. <i>Organic Electronics</i> , 2015, 21, 117-125.	1.4	22
49	Elucidating the Coordination of Diethyl Sulfide Molecules in Copper(I) Thiocyanate (CuSCN) Thin Films and Improving Hole Transport by Antisolvent Treatment. <i>Advanced Functional Materials</i> , 2020, 30, 2002355.	7.8	22
50	A highly efficient near infrared organic solid fluorophore based on naphthothiadiazole derivatives with aggregation-induced emission enhancement for a non-doped electroluminescent device. <i>Chemical Communications</i> , 2020, 56, 6305-6308.	2.2	22
51	Multibromo- <i>N</i> -alkylcarbazoles: synthesis, characterization, and their benzo[<i>b</i>]thiophene derivatives. <i>Tetrahedron Letters</i> , 2012, 53, 4568-4572.	0.7	21
52	Cyanophenyl spiro[acridine-9,9'-fluorene]s as simple structured hybridized local and charge-transfer-based ultra-deep blue emitters for highly efficient non-doped electroluminescent devices (CIE γ \geq 0.05). <i>Journal of Materials Chemistry C</i> , 0, .	2.7	21
53	Coumarin-cored carbazole dendrimers as solution-processed non-doped green emitters for electroluminescent devices. <i>Tetrahedron</i> , 2014, 70, 6249-6257.	1.0	20
54	Bifunctional oligofluorene-cored carbazole dendrimers as solution-processed blue emitters and hole transporters for electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5540.	2.7	20

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55	Zincâ€Porphyrin Dyes with Different <i>meso</i> -Aryl Substituents for Dyeâ€Sensitized Solar Cells: Experimental and Theoretical Studies. <i>Chemistry - an Asian Journal</i> , 2015, 10, 882-893.	1.7	20
56	Synthesis and characterization of β^2 -pyrrolic functionalized porphyrins as sensitizers for dye-sensitized solar cells. <i>Tetrahedron Letters</i> , 2013, 54, 2435-2439.	0.7	19
57	Anchoring number-performance relationship of zinc-porphyrin sensitizers for dye-sensitized solar cells: A combined experimental and theoretical study. <i>Dyes and Pigments</i> , 2017, 136, 697-706.	2.0	19
58	High efficiency and low efficiency roll-off hole-transporting layer-free solution-processed fluorescent NIR-OLEDs based on oligothiopheneâ€benzothiadiazole derivatives. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5045-5050.	2.7	19
59	Synthesis, optical, electrochemical, and thermal properties of conjugated β^2 -fluorenyl oligothiophenes. <i>Tetrahedron Letters</i> , 2007, 48, 919-923.	0.7	18
60	Rational design of anthracene-based deep-blue emissive materials for highly efficient deep-blue organic light-emitting diodes with CIEy \geq 0.05. <i>Dyes and Pigments</i> , 2021, 184, 108874.	2.0	18
61	Significant enhancement in the performance of porphyrin for dye-sensitized solar cells: aggregation control using chenodeoxycholic acid. <i>New Journal of Chemistry</i> , 2017, 41, 7081-7091.	1.4	17
62	Synthesis and characterization of 9,10-substituted anthracene derivatives as blue light-emitting and hole-transporting materials for electroluminescent devices. <i>Tetrahedron</i> , 2012, 68, 1853-1861.	1.0	16
63	Modification of Dâ€Aâ€Iâ€A Configuration toward a Highâ€Performance Triphenylamineâ€Based Sensitizer for Dyeâ€Sensitized Solar Cells: A Theoretical Investigation. <i>ChemPhysChem</i> , 2014, 15, 3809-3818.	1.0	16
64	Synthesis and characterization of new triphenylamino-1,8-naphthalimides for organic light-emitting diode applications. <i>New Journal of Chemistry</i> , 2015, 39, 2807-2814.	1.4	16
65	Efficient deep-blue fluorescent emitters from imidazole functionalized anthracenes for simple structure deep-blue electroluminescent devices. <i>Organic Electronics</i> , 2020, 85, 105897.	1.4	16
66	Twisted Phenanthro[9,10â€d]imidazole Derivatives as Nonâ€doped Emitters for Efficient Electroluminescent Devices with Ultraâ€Deep Blue Emission and High Exciton Utilization Efficiency. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2328-2337.	1.7	16
67	Non-isothermal crystallization kinetics and thermal stability of the in situ reinforcing composite films based on thermotropic liquid crystalline polymer and polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 1017-1026.	2.0	15
68	Synthesis and properties of oligofluorene-thiophenes as emissive materials for organic electroluminescent devices: color-tuning from deep blue to orange. <i>Tetrahedron</i> , 2012, 68, 8416-8423.	1.0	15
69	Highly fluorescent solid-state benzothiadiazole derivatives as saturated red emitters for efficient solution-processed non-doped electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10464-10473.	2.7	15
70	An organic dye using N-dodecyl-3-(3,6-di-tert-butylcarbazol-N-yl)carbazol-6-yl as a donor moiety for efficient dye-sensitized solar cells. <i>Tetrahedron Letters</i> , 2013, 54, 4903-4907.	0.7	14
71	The design, synthesis, and characterization of Dâ€Aâ€A type organic dyes as sensitizers for dye-sensitized solar cells (DSSCs). <i>Tetrahedron Letters</i> , 2014, 55, 3244-3248.	0.7	14
72	Efficient white light-emitting polymers from dual thermally activated delayed fluorescence chromophores for non-doped solution processed white electroluminescent devices. <i>Polymer Chemistry</i> , 2021, 12, 1030-1039.	1.9	14

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73	Effect of thiophene/furan substitution on organic field effect transistor properties of arylthiadiazole based organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17297-17306.	2.7	13
74	Antisolvent treatment of copper(i) thiocyanate (CuSCN) hole transport layer for efficiency improvements in organic solar cells and light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10435-10442.	2.7	13
75	Bis(4-diphenylaminophenyl)carbazole end-capped fluorene as solution-processed deep-blue light-emitting and hole-transporting materials for electroluminescent devices. <i>Tetrahedron Letters</i> , 2012, 53, 3615-3618.	0.7	12
76	The number density effect of N-substituted dyes on the TiO ₂ surface in dye sensitized solar cells: a theoretical study. <i>RSC Advances</i> , 2015, 5, 11549-11557.	1.7	12
77	(D ⁺) ₂ D ⁺ Type Organic Dyes for Efficient Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2528-2538.	1.2	12
78	A Ladder-like Dopant-free Hole-Transporting Polymer for Hysteresis-less High-Efficiency Perovskite Solar Cells with High Ambient Stability. <i>ChemSusChem</i> , 2020, 13, 5058-5066.	3.6	12
79	Theoretical design of coumarin derivatives incorporating auxiliary acceptor with D- π -A- π -A configuration for dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 322-323, 16-26.	2.0	11
80	Solution processed blue-emitting and hole-transporting materials from truxene-carbazole-pyrene triads. <i>Organic Electronics</i> , 2018, 57, 352-358.	1.4	11
81	Theoretical Study on Factors Influencing the Efficiency of D ⁺ - π -A ² - π -A Isoindigo-Based Sensitizer for Dye-Sensitized Solar Cells. <i>Journal of Electronic Materials</i> , 2020, 49, 318-332.	1.0	11
82	Highly efficient all solution-processed non-doped deep-blue electroluminescent devices from oligocarbazole-end-capped spirobifluorenes. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2943-2953.	3.2	11
83	Unique dual fluorescence emission in the solid state from a small molecule based on phenanthrocarbazole with an AIE luminogen as a single-molecule white-light emissive material. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2361-2372.	3.2	11
84	Synthesis and characterization of hole-transporting star-shaped carbazolyl truxene derivatives. <i>RSC Advances</i> , 2015, 5, 72841-72848.	1.7	10
85	Bis(carbazol-9-yl)phenyl end-capped polyaromatics as solution-processed deep blue fluorescent emitters for simple structure solution-processed electroluminescent devices. <i>Dyes and Pigments</i> , 2021, 186, 109065.	2.0	9
86	Efficient Solution-Processable Non-Doped Emissive Materials Based on Oligocarbazole End-Capped Molecules for Simple Structured Red, Green, Blue, and White Electroluminescent Devices. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1311-1322.	2.0	9
87	The improvement in hole-transporting and electroluminescent properties of diketopyrrolopyrrole pigment by grafting with carbazole dendrons. <i>RSC Advances</i> , 2021, 11, 12710-12719.	1.7	9
88	Synthesis, Characterization, and Physical Properties of Pyrene-Naphthalimide Derivatives as Emissive Materials for Electroluminescent Devices. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2402-2410.	1.2	8
89	Enhancement of performance of OLEDs using double indolo[3,2-b]indole electron-donors based emitter. <i>Journal of Luminescence</i> , 2021, 238, 118287.	1.5	8
90	N-Phenylcarbazole substituted bis(hexylthiophen-2-yl)-benzothiadiazoles as deep red emitters for hole-transporting layer free solution-processed OLEDs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 420, 113509.	2.0	8

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91	Solid-State Fluorophores with Combined Excited-State Intramolecular Proton Transfer-Induced Emission as Efficient Emitters for Electroluminescent Devices. <i>Advanced Photonics Research</i> , 2022, 3, .	1.7	8
92	Deep-blue high-efficiency triplet-triplet annihilation organic light-emitting diodes using hydroxyl-substituted tetraphenylimidazole-functionalized anthracene fluorescent emitters. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9968-9979.	2.7	8
93	Synthesis, characterization, physical properties, and applications of highly fluorescent pyrene-functionalized 9,9-bis(4-diarylamino-phenyl)fluorene in organic light-emitting diodes. <i>Tetrahedron Letters</i> , 2012, 53, 5492-5496.	0.7	7
94	Toward rational design of metal-free organic dyes based on indolo[3,2-b]indole structure for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2018, 151, 149-156.	2.0	7
95	Self-absorption-free excited-state intramolecular proton transfer (ESIPT) emitters for high brightness and luminous efficiency organic fluorescent electroluminescent devices. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6212-6225.	3.2	7
96	Synthesis, characterization, and properties of novel bis(aryl)carbazole-containing N-coumarin derivatives. <i>Tetrahedron Letters</i> , 2014, 55, 6689-6693.	0.7	6
97	Chrysene and triphenylene based-fluorophores as non-doped deep blue emitters for triplet-triplet annihilation organic light-emitting diodes. <i>Journal of Luminescence</i> , 2022, 248, 118926.	1.5	6
98	COMPUTER-AIDED DESIGN OF OLED MATERIALS: A MOLECULAR MODELING APPROACH FOR OPTICAL PROPERTIES OF \pm -FLUORENYL OLIGOTHIOPHENES. <i>Journal of Theoretical and Computational Chemistry</i> , 2010, 09, 993-1007.	1.8	5
99	meso-Multi(iodophenyl) porphyrins: synthesis, isolation, and identification. <i>Tetrahedron Letters</i> , 2011, 52, 4795-4798.	0.7	5
100	Synthesis and properties of fluorene-oligothiophenes perylenediimide triads and their electropolymerizations. <i>Journal of Materials Chemistry</i> , 2012, 22, 14579.	6.7	5
101	Synthesis and photophysical properties of donor-acceptor system based bipyridylporphyrins for dye-sensitized solar cells. <i>Journal of Energy Chemistry</i> , 2015, 24, 779-785.	7.1	5
102	Double anchor indolo[3,2-b]indole-derived metal-free dyes with extra electron donors as efficient sensitizers for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 7542-7554.	1.4	5
103	Tin(II) thiocyanate Sn(SCN) ₂ as an ultrathin anode interlayer in organic photovoltaics. <i>Applied Physics Letters</i> , 2021, 119, 063301.	1.5	4
104	Synthesis, physical and electroluminescence properties of 3,6-dipyrenylcarbazole end capped oligofluorenes. <i>RSC Advances</i> , 2015, 5, 26569-26579.	1.7	3
105	Hydroxy-Tetraphenylimidazole Derivatives as Efficient Blue Emissive Materials for Electroluminescent Devices. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	3
106	Synthesis, characterization, and properties of 7,7-bis(3,6-di-tert-butylcarbazol-N-yl)-substituted fluorenyl-oligothiophenes. <i>Tetrahedron Letters</i> , 2012, 53, 5939-5943.	0.7	2
107	Theoretical rationalization for reduced charge recombination in bulky carbazole-based sensitizers in solar cells. <i>Journal of Computational Chemistry</i> , 2017, 38, 901-909.	1.5	2
108	A Single Energy Conversion and Storage Device of Cobalt Oxide Nanosheets and N-Doped Reduced Graphene Oxide Aerogel. <i>ECS Transactions</i> , 2018, 85, 435-447.	0.3	2

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109	Corrigendum to "Bis(4-diphenylaminophenyl)carbazole end-capped fluorene as solution-processed deep-blue light-emitting and hole-transporting materials for electroluminescent devices"™ [Tetrahedron Lett. 53 (2012) 3615–3618]. Tetrahedron Letters, 2012, 53, 5967.	0.7	0
110	New Family of Ruthenium-Dye-Sensitized Solar Cells (DSSCs) with a High Solar-Energy-Conversion Efficiency. Advanced Materials Research, 0, 770, 145-148.	0.3	0
111	Chrysene-Cored Fluorescent Dendrimers as Non-Doped Deep-Blue Emitters for Solution-Processable Electroluminescent Devices. Synlett, 0, 0, .	1.0	0