Dalius Gudeika

List of Publications by Year
in descending order

56 papers	903 citations	471509 17 h-index	501196 28 g-index
56 all docs	56 docs citations	56 times ranked	1041 citing authors

#	Article	IF	Citations
1	Not the sum of their parts: understanding multi-donor interactions in symmetric and asymmetric TADF emitters. Journal of Materials Chemistry C, 2022, 10, 4737-4747.	5.5	11
2	Bipolar 1,8-naphthalimides showing high electron mobility and red AIE-active TADF for OLED applications. Physical Chemistry Chemical Physics, 2022, 24, 5070-5082.	2.8	16
3	Triphenylethylene-based emitters exhibiting aggregation induced emission enhancement and balanced bipolar charge transport for blue non-doped organic light-emitting diodes. Synthetic Metals, 2021, 271, 116641.	3.9	3
4	Does Throughâ€Space Charge Transfer in Bipolar Hosts Affect the Efficiency of Blue OLEDs?. Advanced Optical Materials, 2021, 9, 2002227.	7.3	7
5	Design, synthesis and structure-property relationship of fluorenone-based derivatives for fluorescent OLEDs. Molecular Crystals and Liquid Crystals, 2021, 718, 1-15.	0.9	1
6	Preparation and investigation of phenanthroimidazole-based derivative. Molecular Crystals and Liquid Crystals, 2021, 719, 116-123.	0.9	1
7	Aggregate Formation of Boron-Containing Molecules in Thermal Vacuum Deposited Films. Materials, 2021, 14, 5615.	2.9	0
8	Tuning of spin-flip efficiency of blue emitting multicarbazolyl-substituted benzonitriles by exploitation of the different additional electron accepting moieties. Chemical Engineering Journal, 2021, 423, 130236.	12.7	11
9	Derivatives of triphenyltriazine and di-tert-butylcarbazole as TADF emitters for sky-blue OLEDs. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 273, 115441.	3.5	9
10	Conformational disorder enabled emission phenomena in heavily doped TADF films. Physical Chemistry Chemical Physics, 2021, 24, 313-320.	2.8	8
11	Methoxycarbazolyl-disubstituted dibenzofuranes as holes- and electrons-transporting hosts for phosphorescent and TADF-based OLEDs. Dyes and Pigments, 2020, 172, 107781.	3.7	13
12	Differently substituted benzonitriles for non-doped OLEDs. Dyes and Pigments, 2020, 172, 107789.	3.7	15
13	Facile structure-modification of xanthenone based OLED emitters exhibiting both aggregation induced emission enhancement and thermally activated delayed fluorescence. Journal of Luminescence, 2020, 220, 116955.	3.1	9
14	Diphenylsulfone-based hosts for electroluminescent devices: Effect of donor substituents. Dyes and Pigments, 2020, 175, 108104.	3.7	11
15	Aryl-substituted acridanes as hosts for TADF-based OLEDs. Beilstein Journal of Organic Chemistry, 2020, 16, 989-1000.	2.2	1
16	Oxygen sensing and OLED applications of di-<i>tert</i>-butyl-dimethylacridinyl disubstituted oxygafluorene exhibiting long-lived deep-blue delayed fluorescence. Journal of Materials Chemistry C, 2020, 8, 9632-9638.	5.5	7
17	A review of investigation on 4-substituted 1,8-naphthalimide derivatives. Synthetic Metals, 2020, 262, 116328.	3.9	45
18	Flexible diphenylsulfone versus rigid dibenzothiophene-dioxide as acceptor moieties in donor-acceptor-donor TADF emitters for highly efficient OLEDs. Organic Electronics, 2020, 83, 105733.	2.6	11

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19	Multifunctional derivatives of dimethoxy-substituted triphenylamine containing different acceptor moieties. SN Applied Sciences, 2020, 2, 1.	2.9	1
20	The Peculiarities of Singlet Electronic Excitation Energy Transfer Processes in Alq3 Films. Ukrainian Journal of Physics, 2020, 65, 196.	0.2	1
21	Synthesis and evaluation of antibacterial and antioxidative activities of carbazole derivatives. Chemija, 2020, 31, .	0.2	8
22	Phenanthroimidazole-based monomers: synthesis, properties and self-polymerization. Polymer Bulletin, 2019, 76, 153-174.	3.3	0
23	Suppression of benzophenone-induced triplet quenching for enhanced TADF performance. Journal of Materials Chemistry C, 2019, 7, 11522-11531.	5.5	48
24	Differently substituted benzothiadiazoles as charge-transporting emitters for fluorescent organic light-emitting diodes. Dyes and Pigments, 2019, 166, 217-225.	3.7	14
25	Effect of donor substituents on thermally activated delayed fluorescence of diphenylsulfone derivatives. Journal of Luminescence, 2019, 206, 250-259.	3.1	29
26	Synthesis and properties of vinyl-functionalized phenanthroimidazole-based self-polymerizable monomers. Molecular Crystals and Liquid Crystals, 2018, 670, 134-146.	0.9	0
27	Exciplex-Enhanced Singlet Emission Efficiency of Nondoped Organic Light Emitting Diodes Based on Derivatives of Tetrafluorophenylcarbazole and Tri/Tetraphenylethylene Exhibiting Aggregation-Induced Emission Enhancement. Journal of Physical Chemistry C, 2018, 122, 14827-14837.	3.1	27
28	Pyrenyl substituted 1,8-naphthalimide as a new material for weak efficiency-roll-off red OLEDs: a theoretical and experimental study. New Journal of Chemistry, 2018, 42, 12492-12502.	2.8	29
29	W-shaped bipolar derivatives of carbazole and oxadiazole with high triplet energies for electroluminescent devices. Dyes and Pigments, 2018, 149, 812-821.	3.7	25
30	OLEDs based on the emission of interface and bulk exciplexes formed by cyano-substituted carbazole derivative. Dyes and Pigments, 2017, 139, 795-807.	3.7	44
31	Donor and acceptor substituted triphenylamines exhibiting bipolar charge-transporting and NLO properties. Dyes and Pigments, 2017, 140, 431-440.	3.7	14
32	Structureâ€"property relationship of blue solid state emissive phenanthroimidazole derivatives. Physical Chemistry Chemical Physics, 2017, 19, 16737-16748.	2.8	49
33	Carbazolyl-substituted quinazolinones as high-triplet-energy materials for phosphorescent organic light emitting diodes. Dyes and Pigments, 2017, 142, 394-405.	3.7	18
34	High-triplet-energy derivatives of indole and carbazole as hosts for blue phosphorescent organic light-emitting diodes. Dyes and Pigments, 2017, 139, 487-497.	3.7	9
35	Bipolar highly solid-state luminescent phenanthroimidazole derivatives as materials for blue and white organic light emitting diodes exploiting either monomer, exciplex or electroplex emission. Dyes and Pigments, 2017, 146, 425-437.	3.7	46
36	4-(Diethylamino)salicylaldehyde-based twin compounds as NLO-active materials. Dyes and Pigments, 2016, 134, 244-250.	3.7	3

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37	Synthesis and properties of glass-forming 2-substituted perimidines. Molecular Crystals and Liquid Crystals, 2016, 640, 1-12.	0.9	4
38	Synthesis, properties and self-polymerization of 1,8-naphthalimide-based vinyl monomer. Molecular Crystals and Liquid Crystals, 2016, 640, 30-38.	0.9	0
39	Derivative of oxygafluorene and di-tert-butyl carbazole as the host with very high hole mobility for high-efficiency blue phosphorescent organic light-emitting diodes. Dyes and Pigments, 2016, 130, 298-305.	3.7	16
40	Synthesis and properties of the derivatives of triphenylamine and 1,8-naphthalimide with the olefinic linkages between chromophores. RSC Advances, 2016, 6, 2191-2201.	3.6	20
41	Charge-transporting blue emitters having donor and acceptor moieties. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 315, 121-128.	3.9	7
42	Synthesis and cationic polymerization of oxyranyl-functionalized indandiones. Polymer Bulletin, 2016, 73, 229-239.	3.3	2
43	Structureâ€"property relationship of isomeric diphenylethenyl-disubstituted dimethoxycarbazoles. RSC Advances, 2015, 5, 49577-49589.	3.6	17
44	Effect of Ethynyl Linkages on the Properties of the Derivatives of Triphenylamine and 1,8-Naphthalimide. Journal of Physical Chemistry C, 2015, 119, 28335-28346.	3.1	48
45	Structure-properties relationship of the derivatives of carbazole and 1,8-naphthalimide: Effects of the substitution and the linking topology. Dyes and Pigments, 2015, 114, 239-252.	3.7	39
46	Derivatives of indandione and differently substituted triphenylamine with charge-transporting and NLO properties. Dyes and Pigments, 2015, 113, 38-46.	3.7	17
47	Synthesis and Properties of the Derivatives of 2,4,6-Tris(Phenoxy)-1,3,5-Triazine. Molecular Crystals and Liquid Crystals, 2014, 590, 73-79.	0.9	5
48	New derivatives of triphenylamine and naphthalimide as ambipolar organic semiconductors: Experimental and theoretical approach. Dyes and Pigments, 2014, 106, 58-70.	3.7	33
49	Synthesis and Properties of 1,3-Indandione-Disubstituted Derivatives of Carbazole, Phenothiazine, and Phenoxazine. Molecular Crystals and Liquid Crystals, 2014, 590, 80-89.	0.9	4
50	Electron-transporting naphthalenetetracarboxy diimide based monomers and polymers. Synthetic Metals, 2013, 181, 56-63.	3.9	2
51	Electron-transporting naphthalimide-substituted derivatives of fluorene. Dyes and Pigments, 2013, 99, 895-902.	3.7	22
52	Structure Properties Relationship of Donorâ€"Acceptor Derivatives of Triphenylamine and 1,8-Naphthalimide. Journal of Physical Chemistry C, 2012, 116, 14811-14819.	3.1	66
53	Structureâ€"properties relationship of hydrazones containing methoxy-substituted triphenylamino groups. Synthetic Metals, 2011, 161, 1575-1581.	3.9	21
54	Hydrazones containing electron-accepting and electron-donating moieties. Dyes and Pigments, 2011, 91, 13-19.	3.7	21

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55	Glass-forming hole-transporting carbazole-based hydrazone monomers, polymers, and twin compounds. Reactive and Functional Polymers, 2010, 70, 81-87.	4.1	3
56	Copolymers containing electronically isolated indolyl fragments as materials for optoelectronics. Reactive and Functional Polymers, 2010, 70, 572-577.	4.1	12