

# Saulius Grigalevicius

## List of Publications by Year in descending order

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113  
papers

2,445  
citations

159585

30  
h-index

223800

46  
g-index

114  
all docs

114  
docs citations

114  
times ranked

2081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution-processable phenothiazine and phenoxazine substituted fluorene cored nanotextured hole transporting materials for achieving high-efficiency OLEDs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3593-3608.	5.5	20
2	Triphenylethene-carbazole-based molecules for the realization of blue and white aggregation-induced emission OLEDs with high luminance. <i>Organic Electronics</i> , 2022, 108, 106571.	2.6	8
3	3-(N,N-Diphenylamino)carbazole Donor Containing Bipolar Derivatives with Very High Glass Transition Temperatures as Potential TADF Emitters for OLEDs. <i>Coatings</i> , 2022, 12, 932.	2.6	3
4	New Electroactive Polymers with Electronically Isolated 4,7-Diarylfluorene Chromophores as Positive Charge Transporting Layer Materials for OLEDs. <i>Molecules</i> , 2021, 26, 1936.	3.8	0
5	Pyridinyl-Carbazole Fragments Containing Host Materials for Efficient Green and Blue Phosphorescent OLEDs. <i>Molecules</i> , 2021, 26, 4615.	3.8	2
6	Easily synthesized and cheap carbazole- or phenoxazine-based hosts for efficient yellow phosphorescent OLEDs. <i>Optical Materials</i> , 2021, 118, 111251.	3.6	4
7	Hole-transporting materials based on diarylfluorene compounds containing different substituents: DFT simulation, spectroscopic characterization and applications in organic light emitting diodes. <i>Optical Materials</i> , 2021, 119, 111345.	3.6	0
8	Synthesis and Thermal, Photophysical, Electrochemical Properties of 3,3-di[3-Arylcarbazol-9-ylmethyl]oxetane Derivatives. <i>Materials</i> , 2021, 14, 5569.	2.9	4
9	Wet process feasible novel fluorene-based molecular hole transporting layer for phosphorescent organic light emitting diodes. <i>Optical Materials</i> , 2021, 120, 111410.	3.6	4
10	2,7(3,6)-Diaryl(arylamino)-substituted Carbazoles as Components of OLEDs: A Review of the Last Decade. <i>Materials</i> , 2021, 14, 6754.	2.9	10
11	Highly Efficient Candlelight Organic Light-Emitting Diode with a Very Low Color Temperature. <i>Molecules</i> , 2021, 26, 7558.	3.8	7
12	Phenoxazines having various electron acceptor or donor fragments as new host materials for green phosphorescent OLEDs. <i>Dyes and Pigments</i> , 2020, 172, 107839.	3.7	8
13	Fluorene based amorphous hole transporting materials for solution processed organic light-emitting diodes. <i>Organic Electronics</i> , 2020, 79, 105633.	2.6	20
14	Enabling High Performance Organic Light Emitting Diode with Novel Carbazole Host. <i>Digest of Technical Papers SID International Symposium</i> , 2020, 51, 2005-2008.	0.3	0
15	Tetramer of triphenylamine and similar derivatives with bromine atoms as hole injecting/transporting materials for efficient red phosphorescent OLEDs. <i>Optical Materials</i> , 2020, 108, 110225.	3.6	6
16	Aggregation-induced emission tetraphenylethene type derivatives for blue tandem organic light-emitting diodes. <i>Organic Electronics</i> , 2019, 67, 279-286.	2.6	16
17	A thermally cross-linkable hole-transporting small-molecule for efficient solution-processed organic light emitting diodes. <i>Organic Electronics</i> , 2019, 73, 94-101.	2.6	18
18	Naphthyl substituted triphenylamine derivatives as hole transporting materials for efficient red PhOLEDs. <i>Dyes and Pigments</i> , 2019, 162, 196-202.	3.7	19

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19	Crosslinkable hole-transporting small molecule as a mixed host for efficient solution-processed red organic light emitting diodes. <i>Thin Solid Films</i> , 2018, 660, 956-960.	1.8	12
20	9,9- $\epsilon^2$ -bis(2,2-diphenylvinyl)[3,3- $\epsilon^2$ ]bicarbazole as low cost efficient hole transporting material for application in red PhOLEDs. <i>Dyes and Pigments</i> , 2018, 152, 100-104.	3.7	13
21	Efficient blue and green phosphorescent OLEDs with host material containing electronically isolated carbazolyl fragments. <i>Optical Materials</i> , 2018, 79, 446-449.	3.6	5
22	Phenylethenyl substituted 10-alkylphenoxazines as new electroactive materials for organic light emitting diodes. <i>Dyes and Pigments</i> , 2018, 148, 313-318.	3.7	3
23	High light-quality OLEDs with a wet-processed single emissive layer. <i>Scientific Reports</i> , 2018, 8, 7133.	3.3	19
24	(Bi)phenyl substituted 9-(2,2-diphenylvinyl)carbazoles as low cost hole transporting materials for efficient red PhOLEDs. <i>Dyes and Pigments</i> , 2018, 159, 173-178.	3.7	7
25	Sky-blue aggregation-induced emission molecules for non-doped organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6054-6060.	5.5	49
26	Solution-processable naphthalene and phenyl substituted carbazole core based hole transporting materials for efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9854-9864.	5.5	43
27	3,7-Diaryl substituted 10-butylphenoxazines as new hole transporting materials for organic light emitting devices. <i>Dyes and Pigments</i> , 2017, 137, 208-213.	3.7	8
28	Phenanthro[9,10-d]imidazole based new host materials for efficient red phosphorescent OLEDs. <i>Dyes and Pigments</i> , 2017, 137, 615-621.	3.7	34
29	Naphthyl or pyrenyl substituted 2-phenylcarbazoles as hole transporting materials for organic light-emitting diodes. <i>Dyes and Pigments</i> , 2017, 136, 302-311.	3.7	13
30	Polymers containing isolated phenylvinyl substituted carbazole rings as electroactive materials for OLEDs. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
31	High efficiency solution processable organic light emitting diode through materials and interfacial engineering. , 2016, , .		0
32	Fluorescence quenching of indolo[3,2-b]carbazole compounds by conformational motions of attached substituents. <i>Dyes and Pigments</i> , 2016, 133, 120-126.	3.7	15
33	Efficient red phosphorescent OLEDs employing 2-phenylcarbazoles-based hole transport materials. , 2016, , .		0
34	Twin compounds of phenylethenyl substituted indole as efficient materials for electroluminescent devices. <i>Dyes and Pigments</i> , 2016, 134, 64-68.	3.7	6
35	Polymers Containing Diphenylvinyl-Substituted Indole Rings as Charge-Transporting Materials for OLEDs. <i>Journal of Electronic Materials</i> , 2016, 45, 1210-1215.	2.2	6
36	Polyethers with pendent phenylvinyl substituted carbazole rings as polymers for hole transporting layers of OLEDs. <i>Optical Materials</i> , 2016, 51, 148-153.	3.6	6

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37	Polyethers containing 3,6-diarylcarbazolyl groups as polymeric materials for hole transporting layers of OLEDs. <i>Designed Monomers and Polymers</i> , 2015, 18, 592-598.	1.6	3
38	Enabling high-efficiency organic light-emitting diodes with a cross-linkable electron confining hole transporting material. <i>Organic Electronics</i> , 2015, 24, 254-262.	2.6	39
39	Phenylvinyl-Substituted Carbazole Twin Compounds as Efficient Materials for the Charge-Transporting Layers of OLED Devices. <i>Journal of Electronic Materials</i> , 2015, 44, 4006-4011.	2.2	10
40	Electroactive polymers containing 3-arylcarbazolyl units as hole transporting materials for OLEDs. <i>Optical Materials</i> , 2015, 42, 94-98.	3.6	3
41	Incorporating a hole-transport material into the emissive layer of solid-state light-emitting electrochemical cells to improve device performance. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 17253-17259.	2.8	25
42	Efficient red phosphorescent OLEDs employing carbazole-based materials as the emitting host. <i>Dyes and Pigments</i> , 2015, 122, 257-263.	3.7	37
43	Triplet states and energy back transfer of carbazole derivatives. <i>RSC Advances</i> , 2015, 5, 59960-59969.	3.6	20
44	Twin derivatives of fluorophenyl, difluorophenyl or trifluorophenyl substituted carbazoles as electroactive amorphous materials. <i>Synthetic Metals</i> , 2015, 203, 122-126.	3.9	5
45	A wet- and dry-process feasible carbazole type host for highly efficient phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12297-12307.	5.5	43
46	Differently linked fluorene-carbazole triads for light amplification. <i>Dyes and Pigments</i> , 2015, 123, 370-379.	3.7	15
47	Energy structure and electro-optical properties of organic layers with carbazole derivative. <i>Thin Solid Films</i> , 2014, 556, 405-409.	1.8	1
48	3,6-Diaryl substituted 9-alkylcarbazoles as hole transporting materials for various organic light emitting devices. <i>Dyes and Pigments</i> , 2014, 106, 1-6.	3.7	35
49	Electro-active oligomers containing pendent 3-phenylcarbazol-6-yl or 2-phenylfluoren-7-yl fragments as materials for OLEDs. <i>Optical Materials</i> , 2014, 37, 788-792.	3.6	2
50	Electronic and thermal properties of compounds bearing diimide, azomethine and triphenylamine units. <i>Optical Materials</i> , 2014, 37, 543-551.	3.6	16
51	Wet-process feasible novel carbazole-type molecular host for high efficiency phosphorescent organic light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8707-8714.	5.5	20
52	Electro-active polymers containing electronically isolated N-phenyl-N-naphthylamine fragments. <i>Synthetic Metals</i> , 2014, 187, 52-56.	3.9	0
53	Electroactive polymers containing pendant harmene, phenoxazine or carbazole rings as host materials for OLEDs. <i>Dyes and Pigments</i> , 2014, 108, 121-125.	3.7	10
54	Twin derivatives of 3-arylcarbazoles as efficient hole transporting amorphous materials. <i>Optical Materials</i> , 2013, 35, 553-557.	3.6	3

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55	Twin derivatives containing two 9-alkylcarbazol-3-yl fragments as new electro-active materials for organic light-emitting diodes. <i>Optical Materials</i> , 2013, 36, 444-448.	3.6	2
56	Syntheses and characterization of 6,6-diaryl-9-dialkyl[3,3]bicarbazoles as materials for electroluminescent devices. <i>Optical Materials</i> , 2013, 35, 2072-2076.	3.6	7
57	Carbazole- and phenylindole-based new host materials for phosphorescent organic light emitting diodes. <i>Optical Materials</i> , 2013, 35, 604-608.	3.6	12
58	Materials, Devices, Fabrication, Characterization, and Applications for OLED Illumination and Display. <i>Advances in Materials Science and Engineering</i> , 2012, 2012, 1-2.	1.8	1
59	3-Aryl substituted 9-alkylcarbazoles as tailored building blocks for hole transporting materials of OLEDs. <i>Synthetic Metals</i> , 2012, 162, 1079-1083.	3.9	15
60	Polyether containing N-[6-(N-carbazolyl)hexyl]carbazol-3-yl side chains and its model compound as components of organic light emitting diodes. <i>Synthetic Metals</i> , 2012, 162, 1898-1902.	3.9	1
61	Structure Properties Relationship of Donor-Acceptor Derivatives of Triphenylamine and 1,8-Naphthalimide. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14811-14819.	3.1	66
62	Highly efficient blue organic light-emitting diode with an oligomeric host having high triplet-energy and high electron mobility. <i>Journal of Materials Chemistry</i> , 2011, 21, 9546.	6.7	46
63	Impact of intramolecular twisting and exciton migration on emission efficiency of multifunctional fluorene-benzothiadiazole-carbazole compounds. <i>Journal of Chemical Physics</i> , 2011, 134, 204508.	3.0	53
64	Diphenylsilanes containing electronically isolated carbazolyl fragments as host materials for light emitting diodes. <i>Synthetic Metals</i> , 2011, 161, 92-95.	3.9	6
65	Aryl substituted 9-(2,2-diphenylvinyl)carbazoles as efficient materials for hole transporting layers of OLEDs. <i>Synthetic Metals</i> , 2011, 161, 2466-2470.	3.9	18
66	Polycarbazole-based networks made by photo-crosslinking for hole transporting layers of OLED devices. <i>Organic Electronics</i> , 2011, 12, 2253-2257.	2.6	39
67	Oxetanyl-functionalized 9-aryl[3,3]bicarbazolyl derivatives as building blocks for electro-active polymers. <i>Journal of Polymer Research</i> , 2011, 18, 731-737.	2.4	4
68	Electro-active oligomers containing pendent carbazolyl or indolyl groups as host materials for OLEDs. <i>Journal of Applied Polymer Science</i> , 2011, 122, 908-913.	2.6	9
69	Branched diphenylsilane derivatives containing electronically isolated indolyl moieties as host materials for blue organic light emitting diodes. <i>Dyes and Pigments</i> , 2011, 91, 177-181.	3.7	4
70	Hole-Transporting Carbazole-Based Imines. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 536, 192/[424]-199/[431].	0.9	2
71	Indolo[3,2-b]carbazole-based functional derivatives as materials for light emitting diodes. <i>Dyes and Pigments</i> , 2010, 85, 183-188.	3.7	66
72	Indole and phenylenediamine based enamines as amorphous hole-transporting materials. <i>Synthetic Metals</i> , 2010, 160, 162-168.	3.9	12

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73	Polyethers containing 2-phenylindol-1-yl moieties as host materials for light emitting diodes. <i>Synthetic Metals</i> , 2010, 160, 1793-1796.	3.9	15
74	Electro-active monomers and polymers containing 3-arylcarbazol-9-yl fragments. <i>Synthetic Metals</i> , 2010, 160, 1962-1967.	3.9	3
75	N,N'-Diphenyl-1,4-phenylenediamine-Based Enamines Containing Reactive Functional Groups as Building Blocks for Electro-Active Polymers. <i>Designed Monomers and Polymers</i> , 2009, 12, 579-587.	1.6	5
76	Hole-transporting glass-forming indolo[3,2-b]carbazole-based diepoxy monomer and polymers. <i>European Polymer Journal</i> , 2009, 45, 410-417.	5.4	34
77	New electro-active oxetanyl-functionalized oligomers containing carbazol-3,6-diyl and different aromatic amino groups in the main chain. <i>Synthetic Metals</i> , 2009, 159, 91-95.	3.9	2
78	N-(2,2-Diphenylvinyl)-N'-diphenylbenzidine-based derivatives as hole-transporting glass-forming materials. <i>Synthetic Metals</i> , 2009, 159, 487-491.	3.9	2
79	Phenoxazine and N-phenyl-1-naphthylamine-based enamines as hole-transporting glass-forming materials. <i>Synthetic Metals</i> , 2009, 159, 1014-1018.	3.9	16
80	Synthesis and properties of oxetane monomers and oligomers with electro-active pendent groups. <i>Polymer International</i> , 2008, 57, 1036-1041.	3.1	30
81	Cross-linkable aromatic amines as materials for insoluble hole-transporting layers in light-emitting devices. <i>Synthetic Metals</i> , 2008, 158, 213-218.	3.9	34
82	Well-defined [3,3'-b]biphenyl-based electroactive compounds for optoelectronics. <i>Synthetic Metals</i> , 2008, 158, 383-390.	3.9	29
83	Hole-transporting polymers containing carbazol-3,9-diyl and 1,4-phenylene fragments in the main chain. <i>Synthetic Metals</i> , 2008, 158, 739-743.	3.9	4
84	Efficient Blue Phosphorescent OLEDs Employing Novel Oligocarbazoles as High-Triplet-Energy Host Materials. <i>Digest of Technical Papers SID International Symposium</i> , 2007, 38, 772-775.	0.3	1
85	Carbazole-based aromatic amines having oxetanyl groups as materials for hole transporting layers. <i>Synthetic Metals</i> , 2007, 157, 529-533.	3.9	13
86	Well Defined Carbazol-3,9-Diyl Based Oligomers as Host Materials for Organic Electro-Phosphorescent Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 468, 77/[429]-86/[438].	0.9	1
87	3-(9-Carbazolyl)carbazoles and 3,6-Di(9-carbazolyl)carbazoles as Effective Host Materials for Efficient Blue Organic Electrophosphorescence. <i>Advanced Materials</i> , 2007, 19, 862-866.	21.0	439
88	New Carbazole-Based Copolymers as Amorphous Hole-Transporting Materials for Multilayer Light-Emitting Diodes. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 349-355.	2.2	32
89	Synthesis and cationic photocuring of new carbazole monomers. <i>European Polymer Journal</i> , 2007, 43, 380-387.	5.4	11
90	Well defined carbazole-based hole-transporting amorphous molecular materials. <i>Synthetic Metals</i> , 2006, 156, 46-50.	3.9	7

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91	3,6(2,7),9-Substituted carbazoles as electroactive amorphous materials for optoelectronics. <i>Synthetic Metals</i> , 2006, 156, 1-12.	3.9	77
92	Phenothiazinyl-based hydrazones as new hole-transporting materials for electrophotographic photoreceptors. <i>Synthetic Metals</i> , 2006, 156, 926-931.	3.9	31
93	Synthesis and characterization of new carbazole/fluorene-based derivatives for blue-light-emitting devices. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5987-5994.	2.3	40
94	Synthesis and cationic polymerization of oxyranyl-functionalized triphenylamine. <i>European Polymer Journal</i> , 2006, 42, 1069-1074.	5.4	3
95	Hole-transporting [3,3- $\pi$ ]bicarbazolyl-based polymers and well-defined model compounds. <i>European Polymer Journal</i> , 2006, 42, 2254-2260.	5.4	31
96	Indolyl-substituted carbazole derivatives as amorphous electro-active materials for optoelectronics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 38-42.	3.9	14
97	Di(9-alkylcarbazol-3-yl)arylamines as Electroactive Amorphous Materials for Optoelectronics. <i>Monatshefte für Chemie</i> , 2006, 137, 1053-1062.	1.8	2
98	Excitation Energy Transfer from Semi-Conducting Polymer Nanoparticles to Surface-Bound Fluorescent Dyes. <i>Macromolecular Rapid Communications</i> , 2006, 27, 200-202.	3.9	32
99	Well defined carbazol-3,9-diyl based oligomers with diphenylamino end-cap as novel amorphous molecular materials for optoelectronics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 174, 125-129.	3.9	16
100	Phenothiazinyl-containing aromatic amines as novel amorphous molecular materials for optoelectronics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 174, 1-6.	3.9	30
101	Polymers containing 9-alkylcarbazol-3,6-diyl and different aromatic amino groups in the main chain. <i>European Polymer Journal</i> , 2005, 41, 1821-1827.	5.4	0
102	Chemoselective Assembly and Immunological Evaluation of Multiepitopic Glycoconjugates Bearing Clustered Tn Antigen as Synthetic Anticancer Vaccines. <i>Bioconjugate Chemistry</i> , 2005, 16, 1149-1159.	3.6	105
103	Photoconductive, photoluminescent and glass-forming 6,6'-di(N-diphenylamino)-9,9'-dialkyl-3,3'-bicarbazoles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 162, 187-191.	3.9	31
104	Carbazolyl-substituted triphenyldiamine derivatives as novel photoconductive amorphous molecular materials. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 162, 249-252.	3.9	34
105	Synthesis and properties of polymers containing aromatic amino groups in the main chain and their glass-forming model compounds. <i>European Polymer Journal</i> , 2004, 40, 1645-1650.	5.4	7
106	Cross-linkable photoluminescent hole-transporting molecular glasses. <i>Materials Chemistry and Physics</i> , 2003, 77, 281-284.	4.0	6
107	Synthesis and properties of poly(N-phenylphenyleneamine)s. <i>Materials Chemistry and Physics</i> , 2003, 81, 191-194.	4.0	3
108	Photoconductive molecular glasses consisting of twin molecules. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 154, 161-167.	3.9	34

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109	3,6-Di(N-diphenylamino)-9-phenylcarbazole and its methyl-substituted derivative as novel hole-transporting amorphous molecular materials. <i>Synthetic Metals</i> , 2002, 128, 127-131.	3.9	70
110	Synthesis and properties of poly(3,9-carbazole) and low-molar-mass glass-forming carbazole compounds. <i>Polymer</i> , 2002, 43, 2603-2608.	3.8	70
111	Synthesis and properties of the polymers containing 3,3'-dicarbazyl units in the main chain and their model compounds. <i>Polymer</i> , 2002, 43, 5693-5697.	3.8	31
112	3,6-Di(diphenylamino)-9-alkylcarbazoles: novel hole-transporting molecular glasses. <i>Synthetic Metals</i> , 2001, 122, 311-314.	3.9	26
113	Hole-transporting molecular glasses based on carbazole and diphenylamine moieties. <i>Materials Chemistry and Physics</i> , 2001, 72, 395-400.	4.0	35