

Gediminas Kreiza

List of Publications by Year in descending order

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30
papers

522
citations

623188

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docs citations

30
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure–property relationship of blue solid state emissive phenanthroimidazole derivatives. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16737-16748.	1.3	49
2	Suppression of benzophenone-induced triplet quenching for enhanced TADF performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11522-11531.	2.7	48
3	Triplet–Triplet Annihilation in 9,10-Diphenylanthracene Derivatives: The Role of Intersystem Crossing and Exciton Diffusion. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8515-8524.	1.5	47
4	Sol-gel synthesis, characterization and application of selected sub-microsized lanthanide (Ce, Pr, Nd) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	34
5	Realization of deep-blue TADF in sterically controlled naphthyridines for vacuum- and solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8560-8566.	2.7	32
6	High efficiency and extremely low roll-off solution- and vacuum-processed OLEDs based on isophthalonitrile blue TADF emitter. <i>Chemical Engineering Journal</i> , 2021, 412, 128574.	6.6	30
7	Fluorene- and benzofluorene-cored oligomers as low threshold and high gain amplifying media. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	27
8	Green–Chemistry–Inspired Synthesis of Cyclobutane–Based Hole–Selective Materials for Highly Efficient Perovskite Solar Cells and Modules. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	23
9	Low-Threshold Light Amplification in Bifluorene Single Crystals: Role of the Trap States. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2768-2775.	4.0	22
10	Single-exponential solid-state delayed fluorescence decay in TADF compounds with minimized conformational disorder. <i>Journal of Materials Chemistry C</i> , 2021, 9, 836-841.	2.7	21
11	Morphology and Emission Tuning in Fluorescent Nanoparticles Based on Phenylenediacetonitrile. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25261-25271.	1.5	20
12	TADF Parameters in the Solid State: An Easy Way to Draw Wrong Conclusions. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1637-1641.	1.1	16
13	Differently linked fluorene-carbazole triads for light amplification. <i>Dyes and Pigments</i> , 2015, 123, 370-379.	2.0	15
14	Bifluorene Single Crystals with Extremely Low–Threshold Amplified Spontaneous Emission. <i>Advanced Optical Materials</i> , 2017, 5, 1600823.	3.6	14
15	Enhanced Energy Transfer in Doped Bifluorene Single Crystals: Prospects for Organic Lasers. <i>Advanced Optical Materials</i> , 2020, 8, 1901670.	3.6	14
16	Low efficiency roll-off blue TADF OLEDs employing a novel acridine–pyrimidine based high triplet energy host. <i>Journal of Materials Chemistry C</i> , 2021, 9, 17471-17482.	2.7	14
17	Concentration effects on spontaneous and amplified emission in benzo[c]fluorenes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12935-12948.	1.3	13
18	Efficient p-phenylene based OLEDs with mixed interfacial exciplex emission. <i>Electrochimica Acta</i> , 2015, 182, 524-528.	2.6	13

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19	Different RISC rates in benzoylpyridine-based TADF compounds and their implications for solution-processed OLEDs. <i>Dyes and Pigments</i> , 2020, 182, 108579.	2.0	12
20	Impact of non-symmetric 2,9,10-aryl substitution on charge transport and optical properties of anthracene derivatives. <i>Dyes and Pigments</i> , 2015, 122, 147-159.	2.0	10
21	Exciton diffusion in bifluorene single crystals studied by light induced transient grating technique. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	10
22	Facile synthesis of spiro[benzo[e]indole-2,2'-piperidine] derivatives and their transformation to novel fluorescent scaffolds. <i>Tetrahedron</i> , 2012, 68, 9260-9266.	1.0	8
23	Temperature dependent carrier lifetime, diffusion coefficient, and diffusion length in Ge _{0.95} Sn _{0.05} epilayer. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	7
24	Crystal Structure Ideality Impact on Bimolecular, Auger, and Diffusion Coefficients in Mixed-Cation Cs _x MA _{1-x} PbBr ₃ and Cs _x FA _{1-x} PbBr ₃ Perovskites. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23838-23844.	1.5	5
25	Study of the electrical characteristics of CdZnTe Schottky diodes. <i>Materials Science in Semiconductor Processing</i> , 2020, 105, 104705.	1.9	4
26	Enhanced blue TADF in a D-A-D type naphthyridine derivative with an asymmetric carbazole-donor motif. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4813-4820.	2.7	4
27	Green-Chemistry-Inspired Synthesis of Cyclobutane-Based Hole-Selective Materials for Highly Efficient Perovskite Solar Cells and Modules. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
28	Temperature and spatial dependence of carrier lifetime and luminescence intensity in Ge _{0.95} Sn _{0.05} layer. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 270, 115204.	1.7	3
29	Highly efficient nanocrystalline Cs _x MA _{1-x} PbBr _x perovskite layers for white light generation. <i>Nanotechnology</i> , 2019, 30, 345702.	1.3	2
30	Fluorescence sensing based on phenylenediacetonitrile doped into polymer host. <i>Journal of Luminescence</i> , 2016, 170, 293-298.	1.5	1