

Paulius Baronas

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Donor Substitution Pattern on the TADF Properties in the Carbazolyl-Substituted Triazine Derivatives. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23618-23625.	1.5	52
2	The Role of Triplet Exciton Diffusion in Light-Upconverting Polymer Glasses. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15732-15740.	4.0	50
3	Diffusion Enhancement in Highly Excited MAPbI ₃ Perovskite Layers with Additives. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3167-3172.	2.1	46
4	1,2,3-Triazoles as leaving groups in purine chemistry: a three-step synthesis of N6-substituted-2-triazolyl-adenine nucleosides and photophysical properties thereof. <i>Tetrahedron Letters</i> , 2013, 54, 850-853.	0.7	38
5	Understanding the limitations of NIR-to-visible photon upconversion in phthalocyanine-sensitized rubrene systems. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5525-5534.	2.7	35
6	Origin of dual emission in ĩf-bridged donor-acceptor TADF compounds. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12601-12609.	2.7	32
7	Impact of <i>t</i> -butyl substitution in a rubrene emitter for solid state NIR-to-visible photon upconversion. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7392-7403.	1.3	32
8	Enhancement of triplet-sensitized upconversion in rigid polymers <i>via</i> singlet exciton sink approach. <i>Chemical Science</i> , 2018, 9, 6796-6802.	3.7	30
9	Phenylethenyl-Substituted Triphenylamines: Efficient, Easily Obtainable, and Inexpensive Hole-Transporting Materials. <i>Chemistry - A European Journal</i> , 2013, 19, 15044-15056.	1.7	27
10	Fluorene- and benzofluorene-cored oligomers as low threshold and high gain amplifying media. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	27
11	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
12	Differently linked fluorene-carbazole triads for light amplification. <i>Dyes and Pigments</i> , 2015, 123, 370-379.	2.0	15
13	2,4-Bis(4-aryl-1,2,3-triazol-1-yl)pyrrolo[2,3-d]pyrimidines: synthesis and tuning of optical properties by polar substituents. <i>RSC Advances</i> , 2015, 5, 38610-38622.	1.7	14
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	Efficient NIR-to-vis photon upconversion in binary rubrene films deposited by simplified thermal evaporation. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6314-6322.	2.7	13
17	NIR-to-vis photon upconversion in rubrenes with increasing structural complexity. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4359-4366.	2.7	12
18	Helical Molecular Orbitals to Induce Spin-Orbit Coupling in Oligoene-Bridged Bifluorenes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6827-6833.	2.1	11

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19	High-triplet-energy carbazole and fluorene tetrads. <i>Journal of Luminescence</i> , 2016, 169, 256-265.	1.5	10
20	Heterocyclic heptacene analogs 8H-16,17-epoxydinaphto[2,3-c:3',4'-g]carbazoles as charge transport materials. <i>Dyes and Pigments</i> , 2016, 124, 133-144.	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	Mechanistic Insights into the Photoisomerization of <i>N,N</i> -Disubstituted Indigos. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	9
23	Carrier Recombination and Diffusion in Wet-Cast Tin Iodide Perovskite Layers Under High Intensity Photoexcitation. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19275-19281.	1.5	8
24	Effect of Substituents at Imide Positions on the Laser Performance of 1,7-Bay-Substituted Peryleneimide Dyes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12277-12288.	1.5	7
25	Suppression of Charge Transfer States in Aryl-Substituted 9,9-Bianthryl Derivatives. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27344-27354.	1.5	6
26	Proof of principle of a purine ligand based ratiometric chemical sensor harnessing complexation induced intermolecular PET. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26502-26508.	1.3	6
27	Energy transfer in (PEA) ₂ FA _{n-1} Pb _n Br _{3n+1} quasi-2D perovskites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4782-4791.	2.7	6