

Irena Deperasińska

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3200145/publications.pdf>

Version: 2024-02-01

28
papers

345
citations

840119

11
h-index

839053

18
g-index

29
all docs

29
docs citations

29
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering the unusual fluorescence in weakly coupled bis-nitro-pyrrolo[3,2-b]pyrroles. <i>Communications Chemistry</i> , 2020, 3, .	2.0	37
2	Vertically π -expanded coumarin " synthesis via the Scholl reaction and photophysical properties. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18268-18275.	1.3	33
3	π -Expanded 1,3-diketones " synthesis, optical properties and application in two-photon polymerization. <i>Journal of Materials Chemistry C</i> , 2016, 4, 167-177.	2.7	28
4	Dipyrrolonaphthyridinediones " structurally unique cross-conjugated dyes. <i>Chemical Communications</i> , 2016, 52, 5108-5111.	2.2	26
5	Matrix-induced Linear Stark Effect of Single Dibenzoterrylene Molecules in 2,3-Dibromonaphthalene Crystal. <i>ChemPhysChem</i> , 2019, 20, 55-61.	1.0	25
6	How a Small Structural Difference Can Turn Optical Properties of π -Extended Coumarins Upside Down: The Role of Non-Innocent Saturated Rings. <i>Chemistry - A European Journal</i> , 2016, 22, 15380-15388.	1.7	21
7	The forbidden emission of protonated proton sponge. <i>Chemical Physics Letters</i> , 2001, 343, 404-412.	1.2	19
8	Laser-Induced Frequency Tuning of Fourier-Limited Single-Molecule Emitters. <i>ACS Nano</i> , 2020, 14, 13584-13592.	7.3	19
9	Building Molecular Complexity from Quinizarin: Conjoined Coumarins and Coronene Analogs. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1763-1770.	1.7	18
10	Double head-to-tail direct arylation as a viable strategy towards the synthesis of the aza-analog of dihydrocyclopenta[hi]aceanthrylene " an intriguing antiaromatic heterocycle. <i>Chemical Communications</i> , 2016, 52, 1262-1265.	2.2	16
11	Single dibenzoterrylene molecules in naphthalene and 2,3-dimethylnaphthalene crystals: vibronic spectra. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1872.	1.3	12
12	Solvatofluorochromic, non-centrosymmetric π -expanded diketopyrrolopyrrole. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2025-2033.	1.5	12
13	Single molecules of terrylene in di-substituted naphthalenes crystallizing in the herringbone pattern. <i>RSC Advances</i> , 2017, 7, 2780-2788.	1.7	10
14	Quadrupolar Dyes Based on Highly Polarized Coumarins. <i>Organic Letters</i> , 2021, 23, 6770-6774.	2.4	10
15	High-resolution vibronic spectroscopy of a single molecule embedded in a crystal. <i>Journal of Chemical Physics</i> , 2022, 156, 104301.	1.2	10
16	Photophysics of Derivatives of 3-Hydroxybenzo[<i>c</i>]coumarin. <i>Journal of Physical Chemistry A</i> , 2015, 119, 9051-9058.	1.1	9
17	Dipolar Dyes with a Pyrrolo[2,3- <i>b</i>]quinoxaline Skeleton Containing a Cyano Group and a Bridged Tertiary Amino Group: Synthesis, Solvatofluorochromism, and Bioimaging. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1718-1724.	1.7	9
18	The influence of tetraphenylethylene moieties on the emissive properties of dipyrrolonaphthyridinediones. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12306-12313.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Polarized, V-Shaped, and Conjoined Biscoumarins: From Lack of Dipole Moment Alignment to High Brightness. <i>Journal of Organic Chemistry</i> , 2022, 87, 5961-5975.	1.7	7
20	Unprecedented rearrangement of diketopyrrolopyrroles leads to structurally unique chromophores. <i>Chemical Communications</i> , 2017, 53, 11877-11880.	2.2	5
21	Non-planar distortion of terrylene molecules in a naphthalene crystal. <i>Chemical Physics Letters</i> , 2017, 684, 208-211.	1.2	4
22	Spectra and nature of the electronic excited states of 2,3-dibromonaphthalene single crystals. <i>Journal of Luminescence</i> , 2019, 213, 108-116.	1.5	3
23	Spectra and nature of the electronic states of [1]Benzothieno[3,2-b][1]benzothiophene (BTBT): Single crystal and the aggregates. <i>Journal of Chemical Physics</i> , 2021, 155, 034504.	1.2	2
24	Photophysical behavior of a potential drug candidate, trans -[2-(4-methoxystyryl)]quinoline-1-oxide tuned by environment effects. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 187, 198-206.	2.0	1
25	Luminescent properties of chameleon-like metal-organic framework between zinc(II) dichloride and two quinoline-N-oxide molecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118464.	2.0	1
26	A study of jet-cooled exciplex formation. <i>AIP Conference Proceedings</i> , 1996, , .	0.3	0
27	Ultrafast Excited-State Dynamics of a Cyano-Substituted "Proton Sponge". <i>Journal of Physical Chemistry A</i> , 2015, 119, 11233-11240.	1.1	0
28	Anomalous doping of a molecular crystal monitored with confocal fluorescence microscopy: Terrylene in a p-terphenyl crystal. <i>Journal of Chemical Physics</i> , 2017, 147, 114302.	1.2	0