

Nadzeya A Kukhta

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,102
citations

393982

19
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

1128
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual emission in purely organic materials for optoelectronic applications. <i>Materials Horizons</i> , 2021, 8, 33-55.	6.4	129
2	Deep-Blue High-Efficiency TTA OLED Using <i>Para</i> - and <i>Meta</i> -Conjugated Cyanotriphenylbenzene and Carbazole Derivatives as Emitter and Host. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 6199-6205.	2.1	125
3	Molecular Design Strategies toward Improvement of Charge Injection and Ionic Conduction in Organic Mixed Ionic-Electronic Conductors for Organic Electrochemical Transistors. <i>Chemical Reviews</i> , 2022, 122, 4325-4355.	23.0	100
4	Persistent Dimer Emission in Thermally Activated Delayed Fluorescence Materials. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11109-11117.	1.5	79
5	The influence of molecular conformation on the photophysics of organic room temperature phosphorescent luminophores. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9238-9247.	2.7	59
6	Structure-property relationships of star-shaped blue-emitting charge-transporting 1,3,5-triphenylbenzene derivatives. <i>Dyes and Pigments</i> , 2015, 117, 122-132.	2.0	53
7	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
8	Balancing charge-transfer strength and triplet states for deep-blue thermally activated delayed fluorescence with an unconventional electron rich dibenzothiophene acceptor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13224-13234.	2.7	52
9	The effect of a heavy atom on the radiative pathways of an emitter with dual conformation, thermally-activated delayed fluorescence and room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10481-10490.	2.7	49
10	Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. <i>Chemistry of Materials</i> , 2021, 33, 3066-3080.	3.2	47
11	Revealing resonance effects and intramolecular dipole interactions in the positional isomers of benzonitrile-core thermally activated delayed fluorescence materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9184-9194.	2.7	42
12	The effect of side chain engineering on conjugated polymers in organic electrochemical transistors for bioelectronic applications. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2314-2332.	2.7	39
13	Importance of Chromophore Rigidity on the Efficiency of Blue Thermally Activated Delayed Fluorescence Emitters. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28564-28575.	1.5	35
14	Delayed Blue Fluorescence via Upper-Triplet State Crossing from C-C Bonded Donor-Acceptor Charge Transfer Molecules with Azatriangulene Cores. <i>Chemistry of Materials</i> , 2019, 31, 6684-6695.	3.2	33
15	Can Fluorenone-Based Compounds Emit in the Blue Region? Impact of the Conjugation Length and the Ground-State Aggregation. <i>Chemistry of Materials</i> , 2017, 29, 1695-1707.	3.2	31
16	Blue organic light-emitting diodes based on pyrazoline phenyl derivative. <i>Synthetic Metals</i> , 2012, 162, 352-355.	2.1	30
17	Emission and Absorption Tuning in TADF B,N-Doped Heptacenes: Toward Ideal Blue Hyperfluorescent OLEDs. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	28
18	Electrochromic behaviour of triazine based ambipolar compounds. <i>Electrochimica Acta</i> , 2016, 192, 283-295.	2.6	23

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19	Effect of linking topology on the properties of star-shaped derivatives of triazine and fluorene. <i>Synthetic Metals</i> , 2014, 195, 266-275.	2.1	21
20	Achieving Conformational Control in Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence Emitters by Functionalization of the Central Core. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26536-26546.	1.5	21
21	Effect of the Nature of the Core on the Properties of the Star-Shaped Compounds Containing Bicarbazolyl Moieties. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1208-1217.	1.5	17
22	Not the sum of their parts: understanding multi-donor interactions in symmetric and asymmetric TADF emitters. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4737-4747.	2.7	11
23	Blue versus yellow emission in bipolar fluorenone derivatives: the impact of aggregation and hydrogen bonding. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1679-1692.	2.7	10
24	Gaining control over conjugated polymer morphology to improve the performance of organic electronics. <i>Chemical Communications</i> , 2022, 58, 6982-6997.	2.2	7
25	New Electron Transport Materials for High Performance Organic Solar Cells: Synthesis and Properties of Symmetrical and Asymmetrical 1,4,5,8-Naphthalenetetracarboxylic Dianhydride Derivatives. <i>Advanced Electronic Materials</i> , 2016, 2, 1600047.	2.6	5
26	Influence of the Dielectric Constant around an Emitter on Its Delayed Fluorescence. <i>Physical Review Applied</i> , 2019, 12, .	1.5	4