

Wenjun Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7578088/publications.pdf>

Version: 2024-02-01

59
papers

1,852
citations

257450

24
h-index

276875

41
g-index

59
all docs

59
docs citations

59
times ranked

1780
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic phosphor doped thermoplastics with ultralong and memorable room temperature phosphorescence different from crystals. <i>Chemical Engineering Journal</i> , 2022, 433, 134307.	12.7	13
2	Efficient Non-Doped Blue Electrofluorescence with Boosted and Balanced Carrier Mobilities. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
3	Room Temperature Phosphorescent (RTP) Thermoplastic Elastomers with Dual and Variable RTP Emission, Photo-Patterning Memory Effect, and Dynamic Deformation RTP Response. <i>Advanced Science</i> , 2022, 9, e2103402.	11.2	40
4	Effectively Unlocking the Potential Molecular Room Temperature Phosphorescence of Pure Carbazole Derivatives. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	13
5	Evoking ultra-long molecular room temperature phosphorescence of pure carbazole derivatives. <i>Chemical Engineering Journal</i> , 2022, 447, 137458.	12.7	13
6	High external quantum efficiency and low efficiency roll-off achieved simultaneously in nondoped pure-blue organic light-emitting diodes based on a hot-exciton fluorescent material. <i>Chemical Engineering Journal</i> , 2021, 408, 127333.	12.7	44
7	High-Efficiency, Non-doped, Pure-Blue Fluorescent Organic Light-Emitting Diodes via Molecular Tuning Regulation of Hot Exciton Excited States. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 970-980.	8.0	38
8	Manipulating matrix stacking modes for ultralong-duration organic room-temperature phosphorescence in trace isomer doping systems. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8302-8307.	5.5	10
9	Benzo/Naphthodifuranone-Based Polymers: Effect of Perpendicular-Extended Main Chain π -Conjugation on Organic Field-Effect Transistor Performances. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000703.	3.9	16
10	Efficient blue fluorescent electroluminescence based on a simple multifunctional tetraphenylethylene-triazole hybrid material with aggregation-induced emission characteristics. <i>Optical Materials</i> , 2021, 115, 111045.	3.6	7
11	Persistent Organic White-Emitting Afterglow from Ultralong Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence. <i>Advanced Optical Materials</i> , 2021, 9, 2101075.	7.3	20
12	Aerodynamic Performance Analysis of a Modified Joukowski Airfoil: Parametric Control of Trailing Edge Thickness. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8395.	2.5	3
13	Nondoped, deep-blue, organic light-emitting diodes with low-efficiency roll-off based on a simple anthracene-triazole hybrid fluorescent molecule. <i>Dyes and Pigments</i> , 2021, 195, 109672.	3.7	3
14	Touch-sensitive yellow organic mechanophosphorescence and a versatile strategy for white organic mechanoluminescence. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5497-5502.	5.9	9
15	Gaining New Insights into Trace Guest Doping Role in Manipulating Organic Crystal Phosphorescence. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11616-11621.	4.6	11
16	Highly efficient nondoped blue organic light-emitting diodes based on a star-group tetraphenylethylene-substituted aggregation-induced-emission-active organic fluorescent small molecules. <i>Dyes and Pigments</i> , 2020, 175, 108082.	3.7	10
17	Aggregation-induced emission characteristics and distinct fluorescent responses to external pressure stimuli based on dumbbell D- π -A- π -D cyanostyrene derivatives. <i>Tetrahedron</i> , 2020, 76, 131675.	1.9	9
18	π -Conjugated oligomers based on aminobenzodifuranone and diketopyrrolopyrrole. <i>Dyes and Pigments</i> , 2020, 181, 108552.	3.7	35

#	ARTICLE	IF	CITATIONS
37	Phenothiazin-N-yl-capped 1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrrole exhibiting strong two-photon absorption and aggregation-enhanced one- and two-photon excitation red fluorescence. RSC Advances, 2017, 7, 30610-30617.	3.6	8
38	Tuning light-emitting properties of N-phenylcarbazole-capped anthrylvinyl derivatives by symmetric and isomeric effects. Journal of Luminescence, 2017, 183, 410-417.	3.1	7
39	A pair of conjoined donor-acceptor butterflies as promising solution-processable aggregation-enhanced emission FR/NIR EL emitters. Journal of Materials Chemistry C, 2017, 5, 11700-11707.	5.5	10
40	Highly Efficient Nondoped Near-Ultraviolet Electroluminescence with an External Quantum Efficiency Greater Than 6.5% Based on a Carbazole-Triazole Hybrid Molecule with High and Balanced Charge Mobility. Advanced Optical Materials, 2017, 5, 1700747.	7.3	65
41	Tuning the optoelectronic properties of phenothiazine-based D-A-type emitters through changing acceptor pattern. Dyes and Pigments, 2017, 147, 6-15.	3.7	24
42	AIE-active 9,10-bis(alkylarylvinyl)anthracenes with pendent diethoxyphosphorylmethyl groups as solution-processable efficient EL luminophores. Journal of Materials Chemistry C, 2017, 5, 9157-9164.	5.5	8
43	9-Anthryl-capped DPP-based dyes: aryl spacing induced differential optical properties. Journal of Materials Chemistry C, 2016, 4, 8006-8013.	5.5	20
44	Alkyl length effects on solid-state fluorescence and mechanochromic behavior of small organic luminophores. Journal of Materials Chemistry C, 2016, 4, 1568-1578.	5.5	242
45	9,10-Bis(N-methylcarbazol-3-yl-vinyl-2)anthracene: High contrast piezofluoro-chromism and remarkably doping-improved electroluminescence performance. Dyes and Pigments, 2016, 125, 8-14.	3.7	14
46	1,6-Naphthodipyrrolidone-based donor-acceptor polymers with low bandgap. Polymer, 2015, 60, 215-220.	3.8	12
47	Poly(1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrrole-3,6-carbazole/2,7-fluorene) as high-performance two-photon dyes. Journal of Polymer Science Part A, 2014, 52, 944-951.	2.3	10
48	Two-photon absorption and fluorescence fluoride-sensing properties of N-octyl-3,6-bis[4-(4-(diphenylamino)phenyl)phenyl]-1,4-diketo-pyrrolo[3,4-c]pyrrole. Dyes and Pigments, 2014, 104, 97-101.	3.7	19
49	Remarkable Isomeric Effects on Optical and Optoelectronic Properties of N-Phenylcarbazole-Capped 9,10-Divinylanthracenes. Journal of Physical Chemistry C, 2014, 118, 18668-18675.	3.1	57
50	Synthesis and characterization of 1,3,4,6-tetraarylpyrrolo[3,2-b]-pyrrole-2,5-dione (isoDPP)-based donor-acceptor polymers with low band gap. Polymer Chemistry, 2013, 4, 4682.	3.9	27
51	Synthesis and piezochromic luminescence of aggregation-enhanced emission 9,10-bis(N-alkylcarbazol-2-yl-vinyl-2)anthracenes. Dyes and Pigments, 2013, 99, 833-838.	3.7	37
52	Reversible piezochromic luminescence of 9,10-bis[(N-alkylcarbazol-3-yl)vinyl]anthracenes and the dependence on N-alkyl chain length. Journal of Materials Chemistry C, 2013, 1, 856-862.	5.5	139
53	N-Monoalkylated 1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrroles as effective one- and two-photon fluorescence chemosensors for fluoride anions. Journal of Materials Chemistry A, 2013, 1, 5172.	10.3	68
54	Chain length-dependent piezofluorochromic behavior of 9,10-bis(p-alkoxystyryl)anthracenes. Journal of Luminescence, 2013, 143, 50-55.	3.1	45

#	ARTICLE	IF	CITATIONS
55	Aqueous Nanoaggregation-Enhanced One- and Two-Photon Fluorescence, Crystalline J-Aggregation-Induced Red Shift, and Amplified Spontaneous Emission of 9,10-Bis(<i>p</i> -dimethylaminostyryl)anthracene. <i>Journal of Physical Chemistry C</i> , 2012, 116, 15576-15583.	3.1	110
56	Synthesis and enhanced two-photon absorption properties of tetradonor-containing anthracene-centered 2-D cross-conjugated polymers. <i>Journal of Materials Chemistry</i> , 2011, 21, 3916.	6.7	23
57	Synthesis and optoelectronic properties of alternating benzofuran/terfluorene copolymer with stable blue emission. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5488-5497.	2.3	13
58	Synthesis and Electrooptic Properties of Poly(2,6- <i>anthracenevinylene</i>)s. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1415-1420.	3.9	11
59	From Transistors to Phototransistors by Tailoring the Polymer Stacking. <i>Advanced Electronic Materials</i> , 0, , 2200019.	5.1	5