

Yong Qiang Dong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2640992/publications.pdf>

Version: 2024-02-01

50
papers

4,336
citations

218677

26
h-index

265206

42
g-index

51
all docs

51
docs citations

51
times ranked

4606
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Switching of the Emission of Diphenyldibenzofulvenes by Thermal and Mechanical Stimuli. <i>Advanced Materials</i> , 2011, 23, 3261-3265.	21.0	600
2	Fluorescent "light-up" bioprobes based on tetraphenylethylene derivatives with aggregation-induced emission characteristics. <i>Chemical Communications</i> , 2006, , 3705-3707.	4.1	497
3	Switching the light emission of (4-biphenyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. <i>Chemical Communications</i> , 2007, , 40-42.	4.1	384
4	Mechanochromic Luminescence of Aggregation-Induced Emission Luminogens. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3429-3436.	4.6	368
5	Similar or Totally Different: The Control of Conjugation Degree through Minor Structural Modifications, and Deep-Blue Aggregation-Induced Emission Luminogens for Non-Doped OLEDs. <i>Advanced Functional Materials</i> , 2013, 23, 2329-2337.	14.9	270
6	Aggregation-induced and crystallization-enhanced emissions of 1,2-diphenyl-3,4-bis(diphenylmethylene)-1-cyclobutene. <i>Chemical Communications</i> , 2007, , 3255.	4.1	257
7	Highly sensitive switching of solid-state luminescence by controlling intersystem crossing. <i>Nature Communications</i> , 2018, 9, 3044.	12.8	203
8	Reversible Switching Emissions of Tetraphenylethylene Derivatives among Multiple Colors with Solvent Vapor, Mechanical, and Thermal Stimuli. <i>Journal of Physical Chemistry C</i> , 2012, 116, 21967-21972.	3.1	179
9	Reversible Luminescence Switching of an Organic Solid: Controllable On-Off Persistent Room Temperature Phosphorescence and Stimulated Multiple Fluorescence Conversion. <i>Advanced Optical Materials</i> , 2015, 3, 1184-1190.	7.3	173
10	Wrapping Carbon Nanotubes in Pyrene-Containing Poly(phenylacetylene) Chains: Solubility, Stability, Light Emission, and Surface Photovoltaic Properties. <i>Macromolecules</i> , 2006, 39, 8011-8020.	4.8	158
11	Unexpected room-temperature phosphorescence from a non-aromatic, low molecular weight, pure organic molecule through the intermolecular hydrogen bond. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2124-2129.	5.9	138
12	Information-centric mobile ad hoc networks and content routing: A survey. <i>Ad Hoc Networks</i> , 2017, 58, 255-268.	5.5	125
13	Vapochromism of Hexaphenylsilole. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2005, 15, 287-291.	3.7	107
14	Adipocyte Hypoxia-Inducible Factor 2 α Suppresses Atherosclerosis by Promoting Adipose Ceramide Catabolism. <i>Cell Metabolism</i> , 2019, 30, 937-951.e5.	16.2	89
15	Polyphenylbenzene as a Platform for Deep-Blue OLEDs: Aggregation Enhanced Emission and High External Quantum Efficiency of 3.98%. <i>Chemistry of Materials</i> , 2015, 27, 1847-1854.	6.7	88
16	New AIEgens containing tetraphenylethylene and silole moieties: tunable intramolecular conjugation, aggregation-induced emission characteristics and good device performance. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2624-2631.	5.5	67
17	Switching the emission of tetrakis(4-methoxyphenyl)ethylene among three colors in the solid state. <i>New Journal of Chemistry</i> , 2013, 37, 1696.	2.8	59
18	Functionalization of Graphene Sheets by Polyacetylene: Convenient Synthesis and Enhanced Emission. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 768-773.	2.2	54

#	ARTICLE	IF	CITATIONS
19	Macrophage inflammasome mediates hyperhomocysteinemia-aggravated abdominal aortic aneurysm. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 81, 96-106.	1.9	51
20	The construction of a multicolored mechanochromic luminogen with high contrast through the combination of a large conjugation core and peripheral phenyl rings. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4800-4804.	5.5	46
21	Dendronized hyperbranched polymers containing isolation chromophores: design, synthesis and further enhancement of the comprehensive NLO performance. <i>Polymer Chemistry</i> , 2015, 6, 5580-5589.	3.9	40
22	Synthesis and characterization of a new disubstituted polyacetylene containing indolylazo moieties in side chains. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5672-5681.	2.3	34
23	Water-soluble graphene sheets with large optical limiting response via non-covalent functionalization with polyacetylenes. <i>Journal of Materials Chemistry</i> , 2012, 22, 22624.	6.7	34
24	Switching emissions of two tetraphenylethene derivatives with solvent vapor, mechanical, and thermal stimuli. <i>Science Bulletin</i> , 2013, 58, 2723-2727.	1.7	34
25	An ideal platform of light-emitting materials from phenothiazine: facile preparation, tunable red/NIR fluorescence, bent geometry-promoted AIE behaviour and selective lipid-droplet (LD) tracking ability. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4185-4190.	5.5	32
26	Construction of a tetraphenylethene derivative exhibiting high contrast and multicolored emission switching. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12785-12791.	5.5	28
27	Switching the emission of di(4-ethoxyphenyl)dibenzofulvene among multiple colors in the solid state. <i>Science China Chemistry</i> , 2013, 56, 1173-1177.	8.2	24
28	Luminescent hydrogels based on di(4-propoxyphenyl)-dibenzofulvene exhibiting four emission colours and organic solvents/thermal dual-responsive properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5829-5835.	5.5	23
29	Freezing-induced multi-colour emissions of AIE luminogen di(4-propoxyphenyl) dibenzofulvene. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2677-2685.	5.5	22
30	Efficient red luminogen with aggregation-induced emission for <i>in vivo</i> three-photon brain vascular imaging. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1634-1642.	5.9	22
31	Surfactant-assisted self-assembled polymorphs of AIEgen di(4-propoxyphenyl)dibenzofulvene. <i>Journal of Materials Chemistry C</i> , 2017, 5, 557-565.	5.5	17
32	Construction of a Luminogen Exhibiting High Contrast and Multicolored Emission Switching through Combination of a Bulky Conjugation Core and Toly Groups. <i>Chemistry - an Asian Journal</i> , 2019, 14, 864-870.	3.3	16
33	Novel (4,8)-connected scu coordination framework constructed by tetrakis(4-benzoic acid)ethylene. <i>CrystEngComm</i> , 2013, 15, 1669.	2.6	14
34	Novel Linear and Cyclic Polyenes with Dramatic Aggregation-Induced Enhancements in Photoresponsiveness. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 446, 183-191.	0.9	13
35	Synthesis of liquid crystalline poly(1-pentyne)s and fabrication of polyacetylene/perovskite hybrids. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3538-3550.	2.3	12
36	High Contrast Polymorphic Luminogen Formed through Effect of Tiny Differences in Intermolecular Interactions on the Intramolecular Charge Transfer Process. <i>Advanced Optical Materials</i> , 2020, 8, 2000436.	7.3	12

#	ARTICLE	IF	CITATIONS
37	STIMULUS RESPONSIVE LUMINESCENT MATERIALS: CRYSTALLIZATION-INDUCED EMISSION ENHANCEMENT. Journal of Molecular and Engineering Materials, 2013, 01, 1340010.	1.8	8
38	Diphenyldibenzofulvene Derivatives Exhibiting Reversible Multicolored Mechanochromic Luminescence with High Contrast. Acta Chimica Sinica, 2016, 74, 923.	1.4	7
39	Crystallization-Induced Emission Enhancement. , 0, , 323-335.		6
40	A load adaptive IEEE 802.11e EDCA backoff scheme with enhanced service differentiation. , 2010, , .		5
41	An dynamic-weighted collaborative filtering approach to address sparsity and adaptivity issues. , 2014, , .		5
42	Synthesis and properties of poly(1-phenyl-1-octyne)s containing stereogenic and chromophoric pendant groups. Science in China Series B: Chemistry, 2009, 52, 1691-1702.	0.8	4
43	Construction of Luminogen Exhibiting Multicolored Emission Switching through Combination of Twisted Conjugation Core and Donor-Acceptor Units. Molecules, 2017, 22, 2222.	3.8	3
44	An optimal stopping strategy for opportunistic broadcast channel access. , 2012, , .		2
45	Path Selection with Joint Latency and Packet Loss for Edge Computing in SDN. , 2019, , .		2
46	Omega-3FAs Can Inhibit the Inflammation and Insulin Resistance of Adipose Tissue Caused by HHcy Induced Lipids Profile Changing in Mice. Frontiers in Physiology, 2021, 12, 628122.	2.8	2
47	Critical journey evolving graphs. Computer Communications, 2017, 104, 67-87.	5.1	1
48	TTL sensitive social-aware routing in mobile opportunistic networks. , 2014, , .		0
49	An Analysis of Content Sharing Hops for Dual-Structural Network Based on General Random Graph. , 2018, , .		0
50	Mechanochromic luminescence in AIE luminogens. , 2022, , 165-197.		0