Huili

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7339767/publications.pdf

Version: 2024-02-01

43 papers	2,891 citations	257101 24 h-index	253896 43 g-index
44 all docs	44 docs citations	44 times ranked	2457 citing authors

#	Article	IF	Citations
1	Molecular design strategy for orange-red thermally activated delayed fluorescence emitters via intramolecular energy transfer and their application in solution processable organic light-emitting diodes. Chemical Engineering Journal, 2022, 428, 131691.	6.6	7
2	Vibronic Coupling Effect on the Vibrationally Resolved Electronic Spectra and Intersystem Crossing Rates of a TADF Emitter: 7-PhQAD. Journal of Physical Chemistry A, 2022, 126, 239-248.	1.1	25
3	Color-tuning Pt(<scp>ii</scp>) complexes for natural-light electrophosphorescence. Journal of Materials Chemistry C, 2022, 10, 1365-1370.	2.7	6
4	Overcoming energy loss of thermally activated delayed fluorescence sensitized-OLEDs by developing a fluorescent dopant with a small singletâ€“triplet energy splitting. Journal of Materials Chemistry C, 2022, 10, 1681-1689.	2.7	7
5	A Ï€-orbital model to study substituent effects in organic room-temperature phosphorescent materials. Journal of Materials Chemistry C, 2022, 10, 9319-9325.	2.7	1
6	Theory of Long-Lived Room-Temperature Phosphorescence in Organic Aggregates. Accounts of Chemical Research, 2021, 54, 940-949.	7.6	150
7	Controllable room temperature phosphorescence, mechanoluminescence and polymorphism of a carbazole derivative. Materials Horizons, 2021, 8, 2816-2822.	6.4	13
8	Tunable microstructures of ultralong organic phosphorescence materials. Chemical Communications, 2021, 57, 7276-7279.	2.2	10
9	Endowing nitro-compounds with bright and stimuli-responsive luminescence based on propeller-like AIEgens. Journal of Materials Chemistry C, 2021, 9, 12177-12183.	2.7	8
10	Emission-Tunable Soft Porous Organic Crystal Based on Squaraine for Single-Crystal Analysis of Guest-Induced Gate-Opening Transformation. Journal of the American Chemical Society, 2021, 143, 3856-3864.	6.6	43
11	A Permanent Porous Hydrogen-Bonded Framework with Room-Temperature Phosphorescence. Crystal Growth and Design, 2021, 21, 3420-3427.	1.4	13
12	Molecular conformation dependence of phosphorescence lifetime in organic aggregates. Dyes and Pigments, 2021, 193, 109520.	2.0	11
13	Purely Organic Room-Temperature Phosphorescence Endowing Fast Intersystem Crossing from Through-Space Spinâ€“Orbit Coupling. Jacs Au, 2021, 1, 1694-1699.	3.6	27
14	Ultralong Organic Phosphorescent Foams with High Mechanical Strength. Journal of the American Chemical Society, 2021, 143, 16256-16263.	6.6	84
15	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. Journal of the American Chemical Society, 2021, 143, 18527-18535.	6.6	132
16	Ultrapure Blue Phosphorescent Organic Light-Emitting Diodes Employing a Twisted Pt(II) Complex. ACS Applied Materials & Interfaces, 2021, 13, 52833-52839.	4.0	13
17	Modulating the plasmon-mediated silver oxidation using thiophenol molecules as monitored by in situ SERS spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 26385-26391.	1.3	5
18	Blue-Phosphorescent Pt(II) Complexes of Tetradentate Pyridylâ€“Carbolinyl Ligands: Synthesis, Structure, Photophysics, and Electroluminescence. Inorganic Chemistry, 2020, 59, 14493-14500.	1.9	23

#	Article	IF	Citations
19	Ultralong Organic Phosphorescent Nanocrystals with Long-Lived Triplet Excited States for Afterglow Imaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2020, 12, 18385-18394.	4.0	57
20	Organic Room-Temperature Phosphorescent Materials: From Static to Dynamic. Journal of Physical Chemistry Letters, 2020, 11, 6191-6200.	2.1	71
21	Polymorphism-Dependent Dynamic Ultralong Organic Phosphorescence. Research, 2020, 2020, 8183450.	2.8	33
22	Triplet Excited-State Engineering of Phosphorescent Pt(II) Complexes. Journal of Physical Chemistry Letters, 2019, 10, 5105-5110.	2.1	27
23	Multicolor Ultralong Organic Phosphorescence through Alkyl Engineering for 4D Coding Applications. Chemistry of Materials, 2019, 31, 5584-5591.	3.2	122
24	Hydrogen Bonding-Induced Morphology Dependence of Long-Lived Organic Room-Temperature Phosphorescence: A Computational Study. Journal of Physical Chemistry Letters, 2019, 10, 6948-6954.	2.1	76
25	Highly Efficient Ultralong Organic Phosphorescence through Intramolecular-Space Heavy-Atom Effect. Journal of Physical Chemistry Letters, 2019, 10, 595-600.	2.1	130
26	Solution-Processed Highly Efficient Bluish-Green Thermally Activated Delayed Fluorescence Emitter Bearing an Asymmetric Oxadiazoleâ€“Difluoroboron Double Acceptor. ACS Applied Materials & Interfaces, 2019, 11, 24339-24348.	4.0	38
27	A Highly Efficient Red Metal-free Organic Phosphor for Time-Resolved Luminescence Imaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18103-18110.	4.0	74
28	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Antiâ€Counterfeiting Applications. Angewandte Chemie - International Edition, 2019, 58, 8773-8778.	7.2	168
29	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Antiâ€Counterfeiting Applications. Angewandte Chemie, 2019, 131, 8865-8870.	1.6	36
30	Room-Temperature Phosphorescence from Metal-Free Organic Materials in Solution: Origin and Molecular Design. Journal of Physical Chemistry Letters, 2019, 10, 1037-1042.	2.1	34
31	Efficient and Long-Lived Room-Temperature Organic Phosphorescence: Theoretical Descriptors for Molecular Designs. Journal of the American Chemical Society, 2019, 141, 1010-1015.	6.6	389
32	Influence of Cl Incorporation in Perovskite Precursor on the Crystal Growth and Storage Stability of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 6022-6030.	4.0	48
33	Two-Photon Absorption Properties of Chromophores of a Few Fluorescent Proteins: a Theoretical Investigation. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 301-312.	2.2	1
34	Rational Molecular Design for Achieving Persistent and Efficient Pure Organic Room-Temperature Phosphorescence. CheM, 2016, 1, 592-602.	5.8	610
35	Supramolecular Structure-Dependent Thermally-Activated Delayed Fluorescence (TADF) Properties of Organic Polymorphs. Journal of Physical Chemistry C, 2016, 120, 19759-19767.	1.5	60
36	Electrostatic Interaction-Induced Room-Temperature Phosphorescence in Pure Organic Molecules from QM/MM Calculations. Journal of Physical Chemistry Letters, 2016, 7, 2893-2898.	2.1	126

#	Article	IF	Citations
37	Spectroscopic Signature of the Aggregation-Induced Emission Phenomena Caused by Restricted Nonradiative Decay: A Theoretical Proposal. Journal of Physical Chemistry C, 2015, 119, 5040-5047.	1.5	70
38	Generalized timeâ€dependent approaches to vibrationally resolved electronic and Raman spectra: Theory and applications. International Journal of Quantum Chemistry, 2015, 115, 550-563.	1.0	24
39	Spectral Characteristics of Chemical Enhancement on SERS of Benzene-like Derivatives: Franckâ€“Condon and Herzbergâ€“Teller Contributions. Journal of Physical Chemistry C, 2015, 119, 27609-27619.	1.5	18
40	Assessment of mode-mixing and Herzberg-Teller effects on two-photon absorption and resonance hyper-Raman spectra from a time-dependent approach. Journal of Chemical Physics, 2014, 140, 094107.	1.2	20
41	Analytical derivative techniques for TDDFT excited-state properties: Theory and application. Science China Chemistry, 2014, 57, 48-57.	4.2	16
42	Time-Dependent Approach to Resonance Raman Spectra Including Duschinsky Rotation and Herzbergâ€“Teller Effects: Formalism and Its Realistic Applications. Journal of Chemical Theory and Computation, 2012, 8, 4474-4482.	2.3	54
43	Plasmon Resonance of Isolated Gold Hollow Nanoparticles and Nanoparticle Pairs: Insights from Electronic Structure Calculations. Journal of Physical Chemistry C, 2012, 116, 1755-1763.	1.5	11