

Debdas Ray

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5348609/publications.pdf>

Version: 2024-02-01

17
papers

658
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular-Level Understanding of Dual-RTP via Host-Sensitized Multiple Triplet-to-Triplet Energy Transfers and Data Security Application. ACS Omega, 2022, 7, 3722-3730.	3.5	9
2	Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence in Asymmetric Phenoxazine-Quinoline (D ² â€“A) Conjugates and Dual Electroluminescence. Journal of Physical Chemistry C, 2022, 126, 5649-5657.	3.1	15
3	Phenoxazineâ€“Quinoline Conjugates: Impact of Halogenation on Charge Transfer Triplet Energy Harvesting via Aggregate Induced Phosphorescence. ACS Omega, 2022, 7, 16827-16836.	3.5	6
4	Effect of Î€-Î€ Interactions of Donor Rings on Persistent Room-Temperature Phosphorescence in D ₄ -A Conjugates and Data Security Application. ACS Omega, 2021, 6, 3858-3865.	3.5	13
5	Phenothiazineâ€“Quinoline Conjugates Realizing Intrinsic Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence: Understanding the Mechanism and Electroluminescence Devices. Advanced Photonics Research, 2021, 2, 2000201.	3.6	11
6	Asymmetric-donor (D ₂ D ₂)â€“acceptor (A) conjugates for simultaneously accessing intrinsic blue-RTP and blue-TADF. Materials Advances, 2020, 1, 1858-1865.	5.4	14
7	Synthesis, optical properties, acid-base vapochromism and anti-counterfeiting of novel Î€-extended pyridine fused coumarins. Journal of Luminescence, 2020, 223, 117229.	3.1	20
8	Use of Dimeric Excited States of the Donors in D ₄ -A Systems for Accessing White Light Emission, Afterglow, and Invisible Security Ink. Journal of Physical Chemistry C, 2019, 123, 22104-22113.	3.1	33
9	Thermally activated delayed fluorescence and room-temperature phosphorescence in naphthyl appended carbazoleâ€“quinoline conjugates, and their mechanical regulation. Chemical Communications, 2019, 55, 1899-1902.	4.1	34
10	Conformational switching <i>via</i> an intramolecular H-bond modulates the fluorescence lifetime in a novel coumarinâ€“imidazole conjugate. Physical Chemistry Chemical Physics, 2018, 20, 6060-6072.	2.8	10
11	Room-Temperature Orange-Red Phosphorescence by Way of Intermolecular Charge Transfer in Single-Component Phenoxazineâ€“Quinoline Conjugates and Chemical Sensing. Journal of Physical Chemistry C, 2018, 122, 21589-21597.	3.1	37
12	Biluminescence via Fluorescence and Persistent Phosphorescence in Amorphous Organic Donor(D ₄)â€“Acceptor(A) Conjugates and Application in Data Security Protection. Journal of Physical Chemistry Letters, 2018, 9, 3808-3813.	4.6	44
13	Dual Emission through Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence, and Their Thermal Enhancement via Solid-State Structural Change in a Carbazole-Quinoline Conjugate. Journal of Physical Chemistry Letters, 2018, 9, 2733-2738.	4.6	81
14	Regulating signal enhancement with coordination-coupled deprotonation of a hydrazone switch. Chemical Science, 2015, 6, 209-213.	7.4	47
15	Ag(i) induced emission with azines having donorâ€“acceptorâ€“donor chromophore. Dalton Transactions, 2009, , 5683.	3.3	18
16	A Coumarin-Derived Fluorescence Probe Selective for Magnesium. Inorganic Chemistry, 2008, 47, 2252-2254.	4.0	256
17	Alteration in the Binding Property of a Laterally Nonsymmetric Aza Cryptand toward CuI, AgI, and TlI Ions upon Derivatization with a Cyanomethyl Group. European Journal of Inorganic Chemistry, 2006, 2006, 1771-1776.	2.0	10