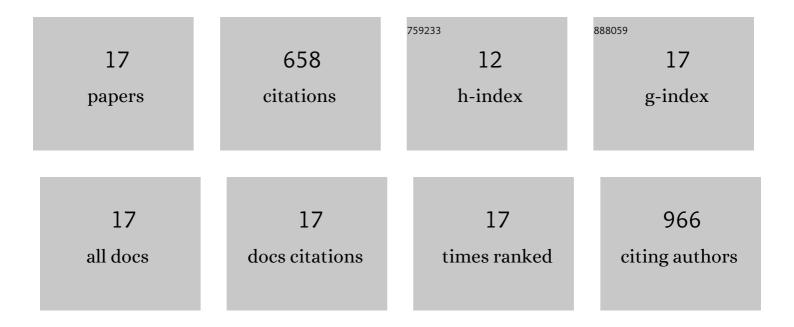
Debdas Ray

List of Publications by Year in descending order

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DERDAS RAV

#	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 (D2–A) Conjugates and Dual Electroluminescence. Journal of Physical Chemistry C, 2022, 126, 5649-5657.	3.1	15
3	Phenoxazine–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 π···π 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	Phenothiazine–Quinoline Conjugates Realizing Intrinsic Thermally Activated Delayed Fluorescence and Roomâ€Temperature Phosphorescence: Understanding the Mechanism and Electroluminescence Devices. Advanced Photonics Research, 2021, 2, 2000201.	3.6	11
6	Asymmetric-donor (D ₂ D ₂ ′)–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 π-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 carbazole–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 coumarin–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 Phenoxazine–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)–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 donor–acceptor–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 Cull, Agl, and Tll Ions upon Derivatization with a Cyanomethyl Group. European Journal of Inorganic Chemistry, 2006, 2006, 1771-1776.	2.0	10