

Emrys W Evans

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,790
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1998
citing authors

#	ARTICLE	IF	CITATIONS
1	Singlet and triplet to doublet energy transfer: improving organic light-emitting diodes with radicals. <i>Nature Communications</i> , 2022, 13, 2744.	12.8	27
2	Efficient light-emitting diodes from organic radicals with doublet emission. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	47
3	Electrically Induced Mixed Valence Increases the Conductivity of Copper Helical Metallopolymers. <i>Advanced Materials</i> , 2021, 33, e2100403.	21.0	14
4	Electron spin resonance resolves intermediate triplet states in delayed fluorescence. <i>Nature Communications</i> , 2021, 12, 4532.	12.8	38
5	Spontaneous exciton dissociation enables spin state interconversion in delayed fluorescence organic semiconductors. <i>Nature Communications</i> , 2021, 12, 6640.	12.8	18
6	Fast spin-flip enables efficient and stable organic electroluminescence from charge-transfer states. <i>Nature Photonics</i> , 2020, 14, 636-642.	31.4	331
7	Understanding the luminescent nature of organic radicals for efficient doublet emitters and pure-red light-emitting diodes. <i>Nature Materials</i> , 2020, 19, 1224-1229.	27.5	159
8	High stability and luminescence efficiency in donor-acceptor neutral radicals not following the Aufbau principle. <i>Nature Materials</i> , 2019, 18, 977-984.	27.5	181
9	Perylene-Based Covalent Organic Frameworks for Acid Vapor Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 15693-15699.	13.7	212
10	Red-shifted delayed fluorescence at the expense of photoluminescence quantum efficiency in an intramolecular charge-transfer molecule based on a benzodithiophene-4,8-dione acceptor. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10580-10586.	2.8	11
11	Efficient radical-based light-emitting diodes with doublet emission. <i>Nature</i> , 2018, 563, 536-540.	27.8	453
12	Solvatochromic covalent organic frameworks. <i>Nature Communications</i> , 2018, 9, 3802.	12.8	171
13	Vibrationally Assisted Intersystem Crossing in Benchmark Thermally Activated Delayed Fluorescence Molecules. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4053-4058.	4.6	69
14	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 10344-10353.	13.7	59
15	Understanding emission mechanism and device engineering for efficient organic radical light-emitting diodes. , 0, , .		0