Emrys W Evans

List of Publications by Year
in descending order

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