

Alim Abdurahman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8339218/publications.pdf>

Version: 2024-02-01

17
papers

522
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Stable Luminescent Radicals and Radical-Based LEDs with Doublet Emission. <i>CCS Chemistry</i> , 2020, 2, 1129-1145.	7.8	79
3	A radical polymer with efficient deep-red luminescence in the condensed state. <i>Materials Horizons</i> , 2019, 6, 1265-1270.	12.2	36
4	A pure red luminescent \hat{I}^2 -carboline-substituted biphenylmethyl radical: photophysics, stability and OLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11248-11254.	5.5	31
5	Radical-Based Organic Light-Emitting Diodes with Maximum External Quantum Efficiency of 10.6%. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6644-6648.	4.6	30
6	Efficient deep blue fluorescent OLEDs with ultra-low efficiency roll-off based on 4H-1,2,4-triazole cored D-A and D-A-D type emitters. <i>Dyes and Pigments</i> , 2018, 153, 10-17.	3.7	27
7	An instantaneously-responded, ultrasensitive, reutilizable fluorescent probe to sarin substitute both in solution and in gas phase. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128611.	7.8	22
8	A simple organic multi-analyte fluorescent prober: One molecule realizes the detection to DNT, TATP and Sarin substitute gas. <i>Journal of Hazardous Materials</i> , 2021, 409, 124500.	12.4	20
9	Novel triazole-based AIE materials: Dual-functional, highly sensitive and selective fluorescence probe. <i>Dyes and Pigments</i> , 2020, 174, 108050.	3.7	18
10	Highly Efficient Fluorescent Organic Light-Emitting Devices Using a Luminescent Radical as the Sensitizer. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 48-51.	4.6	16
11	Polymer Light Emitting Diodes with Doublet Emission. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5638-5642.	4.6	15
12	High-performance non-doped blue OLEDs based on 1,2,4-triazole-phenanthroimidazole derivatives with negligible efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6873-6879.	5.5	14
13	A rapid-response fluorescent film probe to DNT based on novel AIE materials. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 971-976.	7.8	13
14	Highly Efficient Multifunctional Luminescent Radicals. <i>CCS Chemistry</i> , 2022, 4, 722-731.	7.8	12
15	Stable red nanoparticles loaded neutral luminescent radicals for fluorescence imaging. <i>Dyes and Pigments</i> , 2022, 202, 110260.	3.7	12
16	New three-component conjugated polymers and their application as super rapid-response fluorescent probe to DNT vapor. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126592.	7.8	9
17	Highly Sensitive Triazole-based Fluorimetric/Colorimetric Dual-channel Fe ³⁺ Probe. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1081-1086.	2.7	9