

Lei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

641
citations

1040056

9
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1199594

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docs citations

12
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	Purely organic and saturated red emitters for a non-doped electroluminescent device with an EQE of 6.3% and low efficiency roll-off. <i>Materials Advances</i> , 2021, 2, 6068-6074.	5.4	1
2	A BODIPY-Based Donor/Donor-Acceptor System: Towards Highly Efficient Long-Wavelength-Excitable Near-IR Polymer Dots with Narrow and Strong Absorption Features. <i>Angewandte Chemie</i> , 2019, 131, 7082-7086.	2.0	4
3	A BODIPY-Based Donor/Donor-Acceptor System: Towards Highly Efficient Long-Wavelength-Excitable Near-IR Polymer Dots with Narrow and Strong Absorption Features. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7008-7012.	13.8	57
4	Improving the Photostability of Semiconducting Polymer Dots Using Buffers. <i>Analytical Chemistry</i> , 2018, 90, 11785-11790.	6.5	9
5	Thermochemiluminescent semiconducting polymer dots as sensitive nanoprobe for reagentless immunoassay. <i>Nanoscale</i> , 2018, 10, 14012-14021.	5.6	13
6	Photostable Ratiometric Pdot Probe for in Vitro and in Vivo Imaging of Hypochlorous Acid. <i>Journal of the American Chemical Society</i> , 2017, 139, 6911-6918.	13.7	311
7	Highly photostable wide-dynamic-range pH sensitive semiconducting polymer dots enabled by dendronizing the near-IR emitters. <i>Chemical Science</i> , 2017, 8, 7236-7245.	7.4	48
8	White electroluminescent single-polymer achieved by incorporating three polyfluorene blue arms into a star-shaped orange core. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2854-2862.	2.3	33
9	Color tuning of Novel 2,1,3-Naphthothiadiazole and 2,1,3-Benzoselenadiazole based D-A- π^2 Type dopants to realize highly efficient saturated red emission in non-polar solvents. <i>Journal of Materials Chemistry</i> , 2011, 21, 10265.	6.7	30
10	Red electroluminescent polyfluorenes containing highly efficient 2,1,3-benzoselenadiazole- and 2,1,3-naphthothiadiazole-based red dopants in the side chain. <i>Journal of Materials Chemistry</i> , 2011, 21, 15773.	6.7	15
11	White Electroluminescence from Star-like Single Polymer Systems: 2,1,3-Benzothiadiazole Derivatives Dopant as Orange Cores and Polyfluorene Host as Six Blue Arms. <i>Advanced Materials</i> , 2011, 23, 2986-2990.	21.0	60
12	Pure and Saturated Red Electroluminescent Polyfluorenes with Dopant/Host System and PLED Efficiency/Color Purity Trade-offs. <i>Advanced Functional Materials</i> , 2010, 20, 3143-3153.	14.9	60