

Lei Chen

List of Publications by Year in descending order

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12
papers

641
citations

1040056

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1199594

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12
docs citations

12
times ranked

1092
citing authors

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