Liming Huang

List of Publications by Year
in descending order

24	554	706676 14	721071 23
papers	citations	h-index	g-index

25	25	25	1077
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heparin sensing based on multisite-binding induced highly ordered perylene nanoaggregates. Chemical Communications, 2020, 56, 13437-13440.	2.2	9
2	Hostâ€Guest Complexation Affects Peryleneâ€Based Dye Aggregation. ChemistrySelect, 2020, 5, 5850-5854.	0.7	8
3	A colorimetric and fluorescent dual-modal displacement probe based on host-assisted modulation of intramolecular charge transfer and deaggregation. Chemical Communications, 2019, 55, 13912-13915.	2.2	10
4	Structural Effects on Guest Binding in Cucurbit[8]urilâ€Perylenemonoimide Hostâ€Guest Complexes. ChemistrySelect, 2018, 3, 4699-4704.	0.7	11
5	A supramolecular red to near-infrared fluorescent probe for the detection of drugs in urine. Organic and Biomolecular Chemistry, 2018, 16, 7425-7429.	1.5	21
6	A nickel nanoparticle/nafion-graphene oxide modified screen-printed electrode for amperometric determination of chemical oxygen demand. Mikrochimica Acta, 2018, 185, 385.	2.5	21
7	A New Electrochemical System Based on a Flow-Field Shaped Solid Electrode and 3D-Printed Thin-Layer Flow Cell: Detection of Pb²⁺ Ions by Continuous Flow Accumulation Square-Wave Anodic Stripping Voltammetry. Analytical Chemistry, 2017, 89, 5024-5029.	3.2	59
8	Intracavity folding of a perylene dye affords a high-affinity complex with cucurbit[8]uril. Chemical Communications, 2017, 53, 9242-9245.	2.2	18
9	The donorâ€“acceptor complexes of quantum dots and ionic perylene diimides for ratiometric detection of double-stranded DNA. RSC Advances, 2016, 6, 76448-76452.	1.7	10
10	Highly fluorescent cucurbit[8]urilâ€“perylenemonoimide hostâ€“guest complexes as efficient fluorescent probes for N-terminal phenylalanine. RSC Advances, 2016, 6, 82566-82570.	1.7	18
11	Self-assembled biosensor with universal reporter and dual-quenchers for detection of unlabelled nucleic acids. Analyst, The, 2016, 141, 1376-1382.	1.7	6
12	A polymer encapsulation approach to prepare zwitterion-like, biocompatible quantum dots with wide pH and ionic stability. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	13
13	Cadmium- and zinc-alloyed Cuâ€“Inâ€“S nanocrystals and their optical properties. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	15
14	Telomere shortening and cell senescence induced by perylene derivatives in A549 human lung cancer cells. Bioorganic and Medicinal Chemistry, 2013, 21, 883-890.	1.4	34
15	Down-regulation of the human VEGF gene expression by perylene monoimide derivatives. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 518-522.	1.0	29
16	9-Piperazine substituted perylene-3,4-dicarboximide as a fluorescent probe in ratiometric analysis. Chemical Communications, 2011, 47, 2291-2293.	2.2	20
17	N-(2-(Nâ€™,Nâ€™-Diethylamino)ethyl)perylene-3,4-dicarboximide and its Quaternized Derivatives as Fluorescence Probes of Acid, Temperature, and Solvent Polarity. Journal of Fluorescence, 2011, 21, 213-222.	1.3	22
18	Visualization of the cation migration in ionic polymer-metal composite under an electric field. Applied Physics Letters, 2010, 96, .	1.5	29

#	Article	IF	Citations
19	Ionic perylene-3,4-dicarboximide as chromonic mesogens and the use of a fluorescence technique in determining phase-transition temperatures. Liquid Crystals, 2010, 37, 555-561.	0.9	1
20	Structure of the atrial natriuretic peptide receptor extracellular domain in the unbound and hormoneâ€bound states by singleâ€particle electron microscopy. FEBS Journal, 2009, 276, 1347-1355.	2.2	17
21	Chromonic liquid crystals: properties and applications as functional materials. Chemical Communications, 2008, , 1957.	2.2	157
22	Designing chromonic mesogens for the fabrication of anisotropic optical materials. , 2008, , .		2
23	Anisotropic fluorescent materials via self-organization of perylenedicarboximide. Chemical Communications, 2007, , 2016.	2.2	15
24	Stemâ€“loop probe with universal reporter for sensing unlabeled nucleic acids. Analytical Biochemistry, 2007, 366, 126-130.	1.1	9