

Wei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

830
citations

516710

16
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular Assembly-Driven Color-Tuning and White-Light Emission Based on Crown-Ether-Functionalized Dihydrophenazine. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10875-10882.	8.0	26
2	Diversified Excited-State Relaxation Pathways of Donor-Linker-Acceptor Dyads Controlled by a Bent-Planar Motion of the Donor. <i>Angewandte Chemie</i> , 2020, 132, 18770-18777.	2.0	2
3	Diversified Excited-State Relaxation Pathways of Donor-Linker-Acceptor Dyads Controlled by a Bent-Planar Motion of the Donor. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18611-18618.	13.8	20
4	A novel colorimetric and fluorometric probe for the detection of CN ⁻ with high selectivity in aqueous media. <i>Dyes and Pigments</i> , 2020, 176, 108224.	3.7	24
5	The endeavor of vibration-induced emission (VIE) for dynamic emissions. <i>Chemical Science</i> , 2020, 11, 7525-7537.	7.4	56
6	Molecular Cursor Caliper: A Fluorescent Sensor for Dicarboxylate Dianions. <i>Journal of the American Chemical Society</i> , 2019, 141, 14798-14806.	13.7	90
7	Tunable Photoluminescence Including White-Light Emission Based on Noncovalent Interaction-Locked <i>N,N</i> -Disubstituted Dihydrodibenzo[<i>a,c</i>]phenazines. <i>Advanced Optical Materials</i> , 2018, 6, 1800074.	7.3	47
8	Removal of Anions from Aqueous Media by Means of a Thermo-responsive Calix[4]pyrrole Amphiphilic Polymer. <i>Chemistry - A European Journal</i> , 2018, 24, 15791-15795.	3.3	17
9	Double layer 3D codes: fluorescent supramolecular polymeric gels allowing direct recognition of the chloride anion using a smart phone. <i>Chemical Science</i> , 2018, 9, 7746-7752.	7.4	52
10	Dual-Emitting Dihydrophenazines for Highly Sensitive and Ratiometric Thermometry over a Wide Temperature Range. <i>Advanced Optical Materials</i> , 2018, 6, 1800190.	7.3	67
11	Snapshotting the Excited-State Planarization of Chemically Locked <i>N,N</i> -Disubstituted Dihydrodibenzo[<i>a,c</i>]phenazines. <i>Journal of the American Chemical Society</i> , 2017, 139, 1636-1644.	13.7	124
12	Ratiometric Hg ²⁺ /Ag ⁺ Probes with Orange Red-White-Blue Fluorescence Response Constructed by Integrating Vibration-Induced Emission with an Aggregation-Induced Emission Motif. <i>Chemistry - A European Journal</i> , 2017, 23, 9280-9287.	3.3	39
13	Vibration-Induced-Emission (VIE) for imaging amyloid I ² fibrils. <i>Faraday Discussions</i> , 2017, 196, 395-402.	3.2	26
14	Phenazine-based colorimetric and fluorometric probes for rapid recognizing of Hg ²⁺ with high sensitivity and selectivity. <i>Tetrahedron</i> , 2016, 72, 2300-2305.	1.9	14
15	A simple AIE-based chemosensor for highly sensitive and selective detection of Hg ²⁺ and CN ⁻ . <i>Tetrahedron</i> , 2016, 72, 5620-5625.	1.9	33
16	Phenazine-Based Ratiometric Hg ²⁺ Probes with Well-Resolved Dual Emissions: A New Sensing Mechanism by Vibration-Induced Emission (VIE). <i>Small</i> , 2016, 12, 6542-6546.	10.0	55
17	"Vibration induced emission" (VIE): <i>N,N</i> '-disubstituted-dihydrodibenzo[<i>a,c</i>]phenazines dual fluorescent mechanism. <i>Scientia Sinica Chimica</i> , 2016, 46, 325-332.	0.4	0
18	Highly sensitive detection of low-level water content in organic solvents and cyanide in aqueous media using novel solvatochromic AIEE fluorophores. <i>RSC Advances</i> , 2015, 5, 12191-12201.	3.6	78

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19	Enzyme-responsive pillar[5]arene-based polymer-substituted amphiphiles: synthesis, self-assembly in water, and application in controlled drug release. <i>Chemical Communications</i> , 2015, 51, 14901-14904.	4.1	48
20	Photo-stable substituted dihydroindolo[2,3-b]carbazole-based organic dyes: tuning the photovoltaic properties by optimizing the structure for panchromatic DSSCs. <i>Tetrahedron</i> , 2014, 70, 8122-8128.	1.9	12