Wen Liu

List of Publications by Year
in descending order

29 papers	873 citations	759233 12 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	1156 citing authors

#	Article	IF	Citations
1	A nitroreductase-responsive near-infrared phototheranostic probe for in vivo imaging of tiny tumor and photodynamic therapy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 267, 120579.	3.9	4
2	Folic acid functionalized aggregation-induced emission nanoparticles for tumor cell targeted imaging and photodynamic therapy. RSC Advances, 2022, 12, 4484-4489.	3.6	6
3	Facile Synthesis of Green Fluorescent Carbon Dots and Application for Iron (III) Detection, Patterning and Cell Imaging. ChemistrySelect, 2021, 6, 3729-3736.	1.5	6
4	Ultrafast fluorescent probe with near-infrared analytical wavelength for fluoride ion detection in real samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119518.	3.9	12
5	Targeted Delivery of Doxorubicin Using Transferrin-Conjugated Carbon Dots for Cancer Therapy. ACS Applied Bio Materials, 2021, 4, 7280-7289.	4.6	7
6	3-Thiolated pyrroles/pyrrolines: controllable synthesis and usage for the construction of thiolated fluorophores. Chemical Communications, 2021, 57, 1943-1946.	4.1	14
7	The photothermal and adsorption properties of different surfactant-modified caesium tungsten bronze. Materials Technology, 2020, , 1-11.	3.0	2
8	Cucurbitacin E Chemosensitizes Colorectal Cancer Cells via Mitigating TFAP4/Wnt/Î²-Catenin Signaling. Journal of Agricultural and Food Chemistry, 2020, 68, 14148-14160.	5.2	23
9	Inhibition of voltage-gated K+ channels mediates docosahexaenoic acid-stimulated insulin secretion in rat pancreatic Î²-cells. Food and Function, 2020, 11, 8893-8904.	4.6	3
10	Sensitive and selective sensing system of metallothioneins based on carbon quantum dots and gold nanoparticles. Analytica Chimica Acta, 2020, 1125, 177-186.	5.4	22
11	MoS2@C nanosphere as near infrared / pH dual response platform for chemical photothermal combination treatment. Colloids and Surfaces B: Biointerfaces, 2020, 192, 111054.	5.0	16
12	Efficient preparation of nitrogen-doped fluorescent carbon dots for highly sensitive detection of metronidazole and live cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 234, 118251.	3.9	41
13	Avenanthramide A triggers potent ROS-mediated anti-tumor effects in colorectal cancer by directly targeting DDX3. Cell Death and Disease, 2019, 10, 593.	6.3	31
14	Preparation of nitrogen-doped carbon dots with a high fluorescence quantum yield for the highly sensitive detection of Cu2+ ions, drawing anti-counterfeit patterns and imaging live cells. New Carbon Materials, 2019, 34, 390-402.	6.1	36
15	A novel fluorescent offâ€“on probe for the sensitive and selective detection of fluoride ions. RSC Advances, 2019, 9, 32308-32312.	3.6	12
16	Facile and green synthesis of fluorescent carbon dots with tunable emission for sensors and cells imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 200, 226-234.	3.9	52
17	A novel polymer probe for Zn(II) detection with ratiometric fluorescence signal. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 274-280.	3.9	22
18	Green and Facile Synthesis of Highly Photoluminescent Nitrogen-doped Carbon Dots for Sensors and Cell Imaging. Chemistry Letters, 2018, 47, 421-424.	1.3	11

#	Article	IF	Citations
19	Design, properties and application of a facile fluorescence switch for Cu(II). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 170, 65-68.	3.9	14
20	A novel-green adsorbent based on betaine-modified magnetic nanoparticles for removal of methyl blue. Science Bulletin, 2017, 62, 319-325.	9.0	38
21	Green synthesis of carbon dots from rose-heart radish and application for Fe3+ detection and cell imaging. Sensors and Actuators B: Chemical, 2017, 241, 190-198.	7.8	427
22	A facile Al(<scp>iii</scp>)-specific fluorescence probe and its application in biological systems. RSC Advances, 2016, 6, 77291-77296.	3.6	11
23	Role of four conserved aspartic acid residues of EF-loops in the metal ion binding and in the self-assembly of ciliate Euplotes octocarinatus centrin. BioMetals, 2016, 29, 1047-1058.	4.1	4
24	Preparation, regulation and biological application of a Schiff base fluorescence probe. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 1-5.	3.9	9
25	Centrin: Another target of monastrol, an inhibitor of mitotic spindle. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 1086-1091.	3.9	11
26	Crystal structure of trans-diaquabis(salicylaldehydato-Î²2O,O') cobalt(II), C14H14CoO6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2015, 230, 215-216.	0.3	0
27	A specific sensing ensemble for cyanide ion in aqueous solution. Sensors and Actuators B: Chemical, 2012, 168, 365-369.	7.8	24
28	Critical role of tyrosine 79 in the fluorescence resonance energy transfer and terbium(III)-dependent self-assembly of ciliate Euplotes octocarinatus centrin. Journal of Biological Inorganic Chemistry, 2010, 15, 995-1007.	2.6	9
29	Metal ion-binding properties of wild-type and mutant D37K of ciliate Euplotes octocarinatus centrin. Science Bulletin, 2010, 55, 3118-3122.	1.7	6