Changlun Tong

List of Publications by Year
in descending order

35 papers	1,646 citations	279798 23 h-index	361022 35 g-index
35 all docs	35 docs citations	35 times ranked	1928 citing authors

#	Article	IF	Citations
1	Silicon nanoparticles / gold nanoparticles composite as a fluorescence probe for sensitive and selective detection of Co2+ and vitamin B12 based on the selective aggregation and inner filter effect. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 268, 120706.	3.9	9
2	A dual-emission ratiometric fluorescence probe for highly selective and simultaneous detection of tetracycline and ferric ions in environmental water samples based on a boron-doped carbon quantum dot/CdTeâ€“Eu³⁺ composite. Environmental Science: Nano, 2022, 9, 1712-1723.	4.3	9
3	Lanthanide coordination polymer nanoparticles as a ratiometric fluorescence sensor for real-time and visual detection of tetracycline by a smartphone and test paper based on the analyte-triggered antenna effect and inner filter effect. Analytica Chimica Acta, 2022, 1206, 339809.	5.4	23
4	Europium(III)-Modified Silver Nanoparticles as Ratiometric Colorimetric and Fluorescent Dual-Mode Probes for Selective Detection of Dipicolinic Acid in Bacterial Spores and Lake Waters. ACS Applied Nano Materials, 2021, 4, 5469-5477.	5.0	31
5	Dual-functional lanthanide metal organic frameworks for visual and ultrasensitive ratiometric fluorescent detection of phosphate based on aggregation-induced energy transfer. Analytica Chimica Acta, 2020, 1133, 11-19.	5.4	40
6	Dual-Emission Fluorescent Probe for the Simultaneous Detection of Nitrite and Mercury(II) in Environmental Water Samples Based on the Tb³⁺-Modified Carbon Quantum Dot/3-Aminophenylboronic Acid Hybrid. Analytical Chemistry, 2020, 92, 8859-8866.	6.5	72
7	Ratiometric fluorometric determination of silver(I) by using blue-emitting silicon- and nitrogen-doped carbon quantum dots and red-emitting N-acetyl-L-cysteine-capped CdTe quantum dots. Mikrochimica Acta, 2019, 186, 723.	5.0	31
8	Nitrogen- and Sulfur-Codoped Carbon Dots for Highly Selective and Sensitive Fluorescent Detection of Hg²⁺ Ions and Sulfide in Environmental Water Samples. Journal of Agricultural and Food Chemistry, 2019, 67, 2794-2800.	5.2	94
9	A Specific Turn-On Fluorescent Sensing for Ultrasensitive and Selective Detection of Phosphate in Environmental Samples Based on Antenna Effect-Improved FRET by Surfactant. ACS Sensors, 2018, 3, 1539-1545.	7.8	71
10	Nitrogen and sulfur co-doped carbon quantum dots for highly selective and sensitive fluorescent detection of Fe(III) ions and L-cysteine. Mikrochimica Acta, 2017, 184, 2291-2298.	5.0	112
11	Probing the Molecular Interaction of Triazole Fungicides with Human Serum Albumin by Multispectroscopic Techniques and Molecular Modeling. Journal of Agricultural and Food Chemistry, 2013, 61, 7203-7211.	5.2	70
12	Molecular interactions of benzophenone UV filters with human serum albumin revealed by spectroscopic techniques and molecular modeling. Journal of Hazardous Materials, 2013, 263, 618-626.	12.4	62
13	Fluorescent lifetime imaging of atmospheric aerosols: a direct probe of aerosol viscosity. Faraday Discussions, 2013, 165, 343.	3.2	69
14	Enrichment of steroid hormones in water with porous and hydrophobic polymerâ€based <scp>SPE</scp> followed by <scp>HPLC</scp>â€“<scp>UV</scp> determination. Journal of Separation Science, 2013, 36, 3321-3329.	2.5	12
15	Occurrence and Risk Assessment of Four Typical Fluoroquinolone Antibiotics in Raw and Treated Sewage and in Receiving Waters in Hangzhou, China. Journal of Agricultural and Food Chemistry, 2011, 59, 7303-7309.	5.2	87
16	Optical ammonia gas sensor based on a porous silicon rugate filter coated with polymer-supported dye. Analytica Chimica Acta, 2011, 685, 58-64.	5.4	47
17	Methylene blue as a DNA probe for a comparative study of Cd2+, Pb2+ and Cr3+ ions binding to calf thymus DNA. Journal of Luminescence, 2011, 131, 2133-2139.	3.1	10
18	Interaction Between Methylene Blue and CalfThymus Deoxyribonucleic Acid by Spectroscopic Technologies. Journal of Fluorescence, 2010, 20, 261-267.	2.5	54

#	Article	IF	Citations
19	Simultaneous determination of five nitroaniline and dinitroaniline isomers in wastewaters by solid-phase extraction and high-performance liquid chromatography with ultraviolet detection. Chemosphere, 2010, 81, 430-435.	8.2	60
20	Synchronous fluorescence determination of ciprofloxacin in the pharmaceutical formulation and human serum based on the perturbed luminescence of rare-earth ions. Journal of Luminescence, 2010, 130, 2100-2105.	3.1	16
21	Metal ion mediated molecularly imprinted polymer for selective capturing antibiotics containing beta-diketone structure. Journal of Chromatography A, 2010, 1217, 8205-8211.	3.7	37
22	FTRIFS biosensor based on double layer porous silicon as a LC detector for target molecule screening from complex samples. Biosensors and Bioelectronics, 2010, 25, 1056-1063.	10.1	27
23	Interaction of Paraquat with Calf Thymus DNA: A Terbium(III) Luminescent Probe and Multispectral Study. Journal of Agricultural and Food Chemistry, 2010, 58, 5257-5262.	5.2	66
24	Synchronous fluorescence measurement of enrofloxacin in the pharmaceutical formulation and its residue in milks based on the yttrium (III)-perturbed luminescence. Talanta, 2010, 82, 1858-1863.	5.5	22
25	Enoxacinâ€“Tb3+ complex as an environmentally friendly fluorescence probe for DNA and its application. Talanta, 2007, 71, 816-821.	5.5	21
26	Synchronous fluorescence determination of DNA based on the interaction between methylene blue and DNA. Analytica Chimica Acta, 2007, 587, 187-193.	5.4	67
27	Sensitive determination of enoxacin by its enhancement effect on the fluorescence of terbium(III)â€“sodium dodecylbenzene sulfonate and its luminescence mechanism. Journal of Luminescence, 2007, 126, 575-580.	3.1	46
28	Nitroaniline Isomers Interaction with Bovine Serum Albumin and Toxicological Implications. Journal of Fluorescence, 2007, 17, 512-521.	2.5	96
29	Sensitive Determination of Norfloxacin by the Fluorescence Probe of Terbium (III)- Sodium Dodecylbenzene Sulfonate and Its Luminescence Mechanism. Journal of Fluorescence, 2006, 16, 831-837.	2.5	55
30	Sensitive Determination of DNA Based on the Interaction between Norfloxacinâ^'Tb3+Complex and DNA. Journal of Agricultural and Food Chemistry, 2005, 53, 6207-6212.	5.2	47
31	Study on the co-luminescence system of Dyâ€“Gdâ€“1,6-bis(1â€²- phenyl-3â€²-methyl-5â€²-pyrazol-4â€²-one)hexanedioneâ€“cetyltrimethylammonium bromide and its analytical application. Analyst, The, 2001, 126, 1168-1171.	3.5	17
32	Determination of glyphosate by ion chromatography. Journal of Chromatography A, 1999, 850, 297-301.	3.7	115
33	Fluorescent reaction between ascorbic acid and DAN and its analytical application. Talanta, 1997, 44, 855-858.	5.5	16
34	Study on the fluorescence system of chlortetracycline-Eu-TOPO-sodium dodecyl sulfonate and the determination of chlortetracycline. Journal of Pharmaceutical and Biomedical Analysis, 1997, 15, 1833-1838.	2.8	13
35	Study of the fluorescence system thuliumâ€“bis(1â€²-phenyl-3â€²-methyl-5â€²-pyrazol-4â€²-one) hexanedioneâ€“cetyltrimethylammonium bromide and its analytical application. Analyst, The, 1995, 120, 1705-1708.	3.5	22