

# Changlun Tong

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Determination of glyphosate by ion chromatography. <i>Journal of Chromatography A</i> , 1999, 850, 297-301.	3.7	115
2	Nitrogen and sulfur co-doped carbon quantum dots for highly selective and sensitive fluorescent detection of Fe(III) ions and L-cysteine. <i>Mikrochimica Acta</i> , 2017, 184, 2291-2298.	5.0	112
3	Nitroaniline Isomers Interaction with Bovine Serum Albumin and Toxicological Implications. <i>Journal of Fluorescence</i> , 2007, 17, 512-521.	2.5	96
4	Nitrogen- and Sulfur-Codoped Carbon Dots for Highly Selective and Sensitive Fluorescent Detection of Hg <sup>2+</sup> Ions and Sulfide in Environmental Water Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2794-2800.	5.2	94
5	Occurrence and Risk Assessment of Four Typical Fluoroquinolone Antibiotics in Raw and Treated Sewage and in Receiving Waters in Hangzhou, China. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7303-7309.	5.2	87
6	Dual-Emission Fluorescent Probe for the Simultaneous Detection of Nitrite and Mercury(II) in Environmental Water Samples Based on the Tb <sup>3+</sup> -Modified Carbon Quantum Dot/3-Aminophenylboronic Acid Hybrid. <i>Analytical Chemistry</i> , 2020, 92, 8859-8866.	6.5	72
7	A Specific Turn-On Fluorescent Sensing for Ultrasensitive and Selective Detection of Phosphate in Environmental Samples Based on Antenna Effect-Improved FRET by Surfactant. <i>ACS Sensors</i> , 2018, 3, 1539-1545.	7.8	71
8	Probing the Molecular Interaction of Triazole Fungicides with Human Serum Albumin by Multispectroscopic Techniques and Molecular Modeling. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7203-7211.	5.2	70
9	Fluorescent lifetime imaging of atmospheric aerosols: a direct probe of aerosol viscosity. <i>Faraday Discussions</i> , 2013, 165, 343.	3.2	69
10	Synchronous fluorescence determination of DNA based on the interaction between methylene blue and DNA. <i>Analytica Chimica Acta</i> , 2007, 587, 187-193.	5.4	67
11	Interaction of Paraquat with Calf Thymus DNA: A Terbium(III) Luminescent Probe and Multispectral Study. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5257-5262.	5.2	66
12	Molecular interactions of benzophenone UV filters with human serum albumin revealed by spectroscopic techniques and molecular modeling. <i>Journal of Hazardous Materials</i> , 2013, 263, 618-626.	12.4	62
13	Simultaneous determination of five nitroaniline and dinitroaniline isomers in wastewaters by solid-phase extraction and high-performance liquid chromatography with ultraviolet detection. <i>Chemosphere</i> , 2010, 81, 430-435.	8.2	60
14	Sensitive Determination of Norfloxacin by the Fluorescence Probe of Terbium (III)- Sodium Dodecylbenzene Sulfonate and Its Luminescence Mechanism. <i>Journal of Fluorescence</i> , 2006, 16, 831-837.	2.5	55
15	Interaction Between Methylene Blue and CalfThymus Deoxyribonucleic Acid by Spectroscopic Technologies. <i>Journal of Fluorescence</i> , 2010, 20, 261-267.	2.5	54
16	Sensitive Determination of DNA Based on the Interaction between Norfloxacin~Tb <sup>3+</sup> Complex and DNA. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6207-6212.	5.2	47
17	Optical ammonia gas sensor based on a porous silicon rugate filter coated with polymer-supported dye. <i>Analytica Chimica Acta</i> , 2011, 685, 58-64.	5.4	47
18	Sensitive determination of enoxacin by its enhancement effect on the fluorescence of terbium(III)~sodium dodecylbenzene sulfonate and its luminescence mechanism. <i>Journal of Luminescence</i> , 2007, 126, 575-580.	3.1	46

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19	Dual-functional lanthanide metal organic frameworks for visual and ultrasensitive ratiometric fluorescent detection of phosphate based on aggregation-induced energy transfer. <i>Analytica Chimica Acta</i> , 2020, 1133, 11-19.	5.4	40
20	Metal ion mediated molecularly imprinted polymer for selective capturing antibiotics containing beta-diketone structure. <i>Journal of Chromatography A</i> , 2010, 1217, 8205-8211.	3.7	37
21	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. <i>Mikrochimica Acta</i> , 2019, 186, 723.	5.0	31
22	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. <i>ACS Applied Nano Materials</i> , 2021, 4, 5469-5477.	5.0	31
23	FTRIFS biosensor based on double layer porous silicon as a LC detector for target molecule screening from complex samples. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1056-1063.	10.1	27
24	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. <i>Analytica Chimica Acta</i> , 2022, 1206, 339809.	5.4	23
25	Study of the fluorescence system thulium(III)-bis(1-(2-phenyl-3-methyl-5-pyrazol-4-one)hexanedione)cetyltrimethylammonium bromide and its analytical application. <i>Analyst, The</i> , 1995, 120, 1705-1708.	3.5	22
26	Synchronous fluorescence measurement of enrofloxacin in the pharmaceutical formulation and its residue in milks based on the yttrium (III)-perturbed luminescence. <i>Talanta</i> , 2010, 82, 1858-1863.	5.5	22
27	Enoxacin-Tb <sup>3+</sup> complex as an environmentally friendly fluorescence probe for DNA and its application. <i>Talanta</i> , 2007, 71, 816-821.	5.5	21
28	Study on the co-luminescence system of Dy(III)-Gd(III)-1,6-bis(1-(2-phenyl-3-methyl-5-pyrazol-4-one)hexanedione)cetyltrimethylammonium bromide and its analytical application. <i>Analyst, The</i> , 2001, 126, 1168-1171.	3.5	17
29	Fluorescent reaction between ascorbic acid and DAN and its analytical application. <i>Talanta</i> , 1997, 44, 855-858.	5.5	16
30	Synchronous fluorescence determination of ciprofloxacin in the pharmaceutical formulation and human serum based on the perturbed luminescence of rare-earth ions. <i>Journal of Luminescence</i> , 2010, 130, 2100-2105.	3.1	16
31	Study on the fluorescence system of chlortetracycline-Eu-TOPO-sodium dodecyl sulfonate and the determination of chlortetracycline. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 15, 1833-1838.	2.8	13
32	Enrichment of steroid hormones in water with porous and hydrophobic polymer-based SPE followed by HPLC-UV determination. <i>Journal of Separation Science</i> , 2013, 36, 3321-3329.	2.5	12
33	Methylene blue as a DNA probe for a comparative study of Cd <sup>2+</sup> , Pb <sup>2+</sup> and Cr <sup>3+</sup> ions binding to calf thymus DNA. <i>Journal of Luminescence</i> , 2011, 131, 2133-2139.	3.1	10
34	Silicon nanoparticles / gold nanoparticles composite as a fluorescence probe for sensitive and selective detection of Co <sup>2+</sup> and vitamin B12 based on the selective aggregation and inner filter effect. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120706.	3.9	9
35	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/CdTe-Eu <sup>3+</sup> composite. <i>Environmental Science: Nano</i> , 2022, 9, 1712-1723.	4.3	9