Ke-Jun Tan

List of Publications by Year
in descending order

28 papers	831 citations	516215 16 h-index	500791 28 g-index
28 all docs	28 docs citations	28 times ranked	945 citing authors

#	Article	IF	Citations
1	A highly sensitive dual-readout assay for perfluorinated compounds based CdTe quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 269, 120753.	2.0	3
2	Potentially tunable ratiometric electrochemiluminescence sensing based on conjugated polymer nanoparticle for organophosphorus pesticides detection. Journal of Hazardous Materials, 2022, 432, 128699.	6.5	7
3	One-pot hydrothermal synthesis of Si-doped carbon quantum dots with up-conversion fluorescence as fluorescent probes for dual-readout detection of berberine hydrochloride. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 275, 121139.	2.0	13
4	A design strategy of dual-ratiomentric optical probe based on europium-doped carbon dots for colorimetric and fluorescent visual detection of anthrax biomarker. Talanta, 2021, 222, 121548.	2.9	29
5	Strategy to Synthesize Tunable Multiemission Carbon Dots and Their Multicolor Visualization Application. ACS Applied Materials & Interfaces, 2021, 13, 33354-33362.	4.0	30
6	Novel Ratiometric Electrochemiluminescence Biosensor Based on BP-CdTe QDs with Dual Emission for Detecting MicroRNA-126. Analytical Chemistry, 2021, 93, 12400-12408.	3.2	51
7	A new dual-recognition strategy for hybrid ratiometric and ratiometric sensing perfluorooctane sulfonic acid based on high fluorescent carbon dots with ethidium bromide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 224, 117362.	2.0	27
8	Upconversion photoluminescence analysis of fluoroquinolones. Analytical and Bioanalytical Chemistry, 2019, 411, 5711-5719.	1.9	1
9	A sensitive ratiometric fluorescence method for visual detection of aluminum ion based on chelation-enhanced photoluminescence. Microchemical Journal, 2019, 150, 104096.	2.3	17
10	One-step hydrothermal synthesis of down/up-conversion luminescence F-doped carbon quantum dots for label-free detection of Fe3+. Microchemical Journal, 2019, 151, 104217.	2.3	36
11	Origins of Efficient Multiemission Luminescence in Carbon Dots. Chemistry of Materials, 2019, 31, 4732-4742.	3.2	113
12	A sensitive and selective triple-channel optical assay based on red-emissive carbon dots for the determination of PFOS. Microchemical Journal, 2019, 145, 388-396.	2.3	36
13	Core-shell quantum dots coated with molecularly imprinted polymer for selective photoluminescence sensing of perfluorooctanoic acid. Talanta, 2019, 194, 1-6.	2.9	47
14	Highly selective fluorescent visual detection of perfluorooctane sulfonate via blue fluorescent carbon dots and berberine chloride hydrate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 207, 262-269.	2.0	37
15	Preparation of mesoporous silica nanoparticles molecularly imprinted polymer for efficient separation and enrichment of perfluorooctane sulfonate. Journal of Separation Science, 2018, 41, 4363-4369.	1.3	16
16	Synthesis of the Cu-Doped Dual-Emission Fluorescent Carbon Dots and Its Analytical Application. Langmuir, 2018, 34, 9982-9989.	1.6	47
17	An erythrosin B-based â€œturn onâ€•fluorescent sensor for detecting perfluorooctane sulfonate and perfluorooctanoic acid in environmental water samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 201, 281-287.	2.0	27
18	A sensitive three-signal assay for the determination of PFOS based on the interaction with Nile blue A. Analytical Methods, 2018, 10, 3052-3058.	1.3	11

#	Article	IF	Citations
19	One-Pot Hydrothermal Synthesis of Carbon Dots with Efficient Up- and Down-Converted Photoluminescence for the Sensitive Detection of Morin in a Dual-Readout Assay. Langmuir, 2017, 33, 1043-1050.	1.6	140
20	Preparation of magnetic molecularly imprinted polymers for the rapid and selective separation and enrichment of perfluorooctane sulfonate. Journal of Separation Science, 2017, 40, 2819-2826.	1.3	20
21	Highly sensitive and selective detection of perfluorooctane sulfonate based on the Janus Green B resonance light scattering method. Analytical Methods, 2016, 8, 8042-8048.	1.3	26
22	A simple and highly sensitive assay of perfluorooctanoic acid based on resonance light scattering technique. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 7-12.	2.0	16
23	An eosin Y-based â€œturn-onâ€•fluorescent sensor for detection of perfluorooctane sulfonate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 772-777.	2.0	40
24	Triple-wavelength overlapping resonance Rayleigh scattering method for facile and rapid assay of perfluorooctane sulfonate. Environmental Monitoring and Assessment, 2015, 187, 658.	1.3	8
25	A highly sensitive dual-readout assay based on poly(A) and gold nanoparticles for palmatine hydrochloride. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 198-203.	2.0	8
26	Determination of Hg2+by Resonance Light Scattering Technique Based on the Interaction with HTPB. Acta Chimica Sinica, 2012, 70, 643.	0.5	7
27	Study on Spectra of Interaction between Silicotungstic Acid and Palmatine Hydrochloride and Its Analysis Application. Acta Chimica Sinica, 2012, 70, 747.	0.5	1
28	Flow-injection resonance light scattering detection of proteins at the nanogram level. Luminescence, 2005, 20, 176-180.	1.5	17