Xi-lin Xiao

List of Publications by Year
in descending order

34	417	933447 10	794594 19
papers	citations	h-index	g-index

34	34	34	519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complexation and enantioselectivity of novel bridge-like uranyl-2-((1Z,9Z)-9-(2-Hydroxyphenyl)-3,5,6,8-tetrahydrobenzo[h][1,4,7,10]) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (of R/S-malathions. Environmental Technology (United Kingdom), 2022, 43, 3378-3389.	2.2	3
2	Theoretical insights into chiral PMAADs coordinated with Am(III)/Eu(III) and separation selectivity enhanced by chiral-at Am(III)/Eu(III) complexes. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 205-216.	1.5	8
3	Insights into complexation and enantioselectivity of uranylâ€2â€(2â€hydroxyâ€3â€methoxyphenyl)â€9â€(2â€hydroxyphenyl)thiopyrano[3,2â€•h]thiochromeneâ€4,7â€dione with R / S â€organophosphorus pesticides. Applied Organometallic Chemistry, 2021, 35, e6331.	4	4
4	Development of a method for the detection of Cu2+ in the environment and live cells using a synthesized spider web-like fluorescent probe. Biosensors and Bioelectronics, 2021, 182, 113174.	10.1	42
5	A highly sensitive sensor based on a computer-designed magnetic molecularly imprinted membrane for the determination of acetaminophen. Biosensors and Bioelectronics, 2020, 148, 111819.	10.1	62
6	Aggregation-induced photoluminescence enhancement of protamine-templated gold nanoclusters for 1-hydroxypyrene detection using 9-hydroxyphenanthrene as a sensitizer. Colloids and Surfaces B: Biointerfaces, 2020, 189, 110873.	5.0	11
7	Theoretical investigation into coordination and selectivity of uranylâ€unilateral benzotriazole salophens (X = O/S) for R/Sâ€triadimefons. Applied Organometallic Chemistry, 2020, 34, e5486.	3.5	6
8	Complexation and enantioselectivity of sulfur/selenium-substituted uranyl-salophens with R/S-chiral lactone for RRS/SSR-3, 5-Dimethyl-2-(3-fluorophenyl)-2-morpholinols. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 993-1006.	1.5	7
9	A europium (III) complex-based surface fluorescence sensor for the determination of uranium (VI). Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 161-167.	1.5	7
10	Insight into Coordination of Uranyl Ions with N,Nâ€²â€bis(2â€fiveâ€membered) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (heterocyc	3.5	10
11	Preparation and application of a carbon paste electrode modified with multi-walled carbon nanotubes and boron-embedded molecularly imprinted composite membranes. Bioelectrochemistry, 2018, 121, 115-124.	4.6	19
12	Protamine-gold nanoclusters as peroxidase mimics and the selective enhancement of their activity by mercury ions for highly sensitive colorimetric assay of Hg(II). Analytical and Bioanalytical Chemistry, 2018, 410, 7385-7394.	3.7	33
13	A label-free ultrasensitive and selective strategy for Pb(<scp>ii</scp>) assay by a multifunctional DNA probe-mediated rolling-circle amplified synthesis of the G-quadruplexes. Analytical Methods, 2018, 10, 3081-3088.	2.7	6
14	The detection of uranium(VI) with a synthesized ditopic bidentate ligand as probe by resonance light scattering. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 59-66.	1.5	12
15	A highly sensitive and selective sensor based on a graphene-coated carbon paste electrode modified with a computationally designed boron-embedded duplex molecularly imprinted hybrid membrane for the sensing of lamotrigine. Biosensors and Bioelectronics, 2017, 94, 663-670.	10.1	34
16	Determination of thorium (IV) using isophthalaldehyde-tetrapyrrole as probe by resonance light scattering, second-order scattering and frequency-doubling scattering spectra. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 187, 104-109.	3.9	9
17	Ratiometric colorimetric determination of coenzyme A using gold nanoparticles andÂa binuclear uranyl complex as optical probes. Mikrochimica Acta, 2016, 183, 715-721.	5.0	7
18	Adsorption of low concentration of uranium(VI) from aqueous solution by diethylenetriamine functionalized Cycas revoluta leaves. Journal of Radioanalytical and Nuclear Chemistry, 2016, 308, 1027-1037.	1.5	8

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19	A highly sensitive fluorescence probe for metallothioneins based on tironâ€“copper complex. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 145, 85-89.	3.9	3
20	Determination of trace metallothioneins at nanogram levels with Eosin Y by resonance light scattering method. International Journal of Environmental Analytical Chemistry, 2015, 95, 520-530.	3.3	3
21	Resonance light scattering detection of fructose bisphosphates using uranyl-salophen complex-modified gold nanoparticles as optical probe. Analytical and Bioanalytical Chemistry, 2015, 407, 8911-8918.	3.7	4
22	Ultrasensitive electrochemical biosensor for uranium using deoxyribozymes with amplification by gold nanoparticles. International Journal of Environmental Analytical Chemistry, 2014, 94, 1139-1149.	3.3	3
23	A label-free electrochemical biosensor for trace uranium based on DNAzymes and gold nanoparticles. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1911-1919.	1.5	9
24	Resonance light scattering for detecting fluoride ions based on the formation of a uranyl coordination supramolecular polymer. Analytical Methods, 2014, 6, 4818-4822.	2.7	4
25	A resonance light scattering method for the determination of uranium based on a water-soluble salophen and oxalate. Journal of Radioanalytical and Nuclear Chemistry, 2014, 301, 863-869.	1.5	11
26	Spectroscopic study on the reactions of bis-salophen with uranyl and then with fructose 1,6-bisphosphate and the analytical application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 123, 110-116.	3.9	27
27	Determination of Trace Metallothioneins at Nanomolar Levels Using Phenanthrolineâ€“Copper Coordination by Fluorescence Spectra. Analytical Sciences, 2014, 30, 999-1004.	1.6	2
28	Detection of uranium with a wireless sensing method by using salophen as receptor and magnetic nanoparticles as signal-amplifying tags. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1393-1399.	1.5	6
29	DNAzyme based electrochemical sensors for trace uranium. Mikrochimica Acta, 2013, 180, 1059-1064.	5.0	32
30	Determination of uranium in water based on enzyme inhibition using a wireless magnetoelastic sensor. International Journal of Environmental Analytical Chemistry, 2013, 93, 613-622.	3.3	8
31	Spectroscopic Study on the Interaction of Pyronine Y with Nucleic Acids and Its Analytical Application. Spectroscopy Letters, 2012, 45, 569-574.	1.0	2
32	Wireless sensing determination of uranium(IV) based on its inhibitory effect on a catalytic precipitation reaction. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 893-898.	1.5	4
33	Simultaneous determination of Î±-naphthol, Î²-naphthol and 1-hydroxypyrene in urine by synchronous fluorescence spectrometry using Î²-cyclodextrin as a sensitiser. International Journal of Environmental Analytical Chemistry, 2011, 91, 87-96.	3.3	4
34	Theoretical Unravelling the Complexation and Separation of Uranylâ€ligand Complexes towards Chiral R/Sâ€Profenofos. Applied Organometallic Chemistry, 0, , .	3.5	5