

Li-fu Liao

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

416
citations

933447

10
h-index

839539

18
g-index

37
all docs

37
docs citations

37
times ranked

458
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[<i>c</i>][1,4,7,10]) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (do of <i>R/S</i> -malathions. Environmental Technology (United Kingdom), 2022, 43, 3378-3389.	2.2	3
2	Recent advances in the construction of functional nucleic acids with isothermal amplification for heavy metal ions sensor. Microchemical Journal, 2022, 175, 107077.	4.5	7
3	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
4	Insights into complexation and enantioselectivity of uranyl-2-((2 <i>S</i> -(2-hydroxy-3-methoxyphenyl)-9-(2-hydroxyphenyl)thiopyrano[3,2- <i>b</i>]-thiochromene-4,7-di- <i>S</i> -organophosphorus pesticides. Applied Organometallic Chemistry, 2021, 35, e6331.	4.7	6
5	Development of a method for the detection of Cu ²⁺ in the environment and live cells using a synthesized spider web-like fluorescent probe. Biosensors and Bioelectronics, 2021, 182, 113174.	10.1	42
6	Graphene oxide modified H ₄ ion imprinting electrochemical sensor for the detection of uranyl ions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1914-1920.	1.2	4
7	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
8	Synthesis of bipolar tetradentate ligand and determination of fructose 1,6-diphosphate by resonance light scattering of its supramolecular polymer. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 431-438.	1.5	4
9	Theoretical investigation into coordination and selectivity of uranyl-unilateral benzotriazole salophens (X = O/S) for R/S-triadimefons. Applied Organometallic Chemistry, 2020, 34, e5486.	3.5	6
10	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
11	A novel sensor based on multi-walled carbon nanotubes and boron-doped double-layer molecularly imprinted membrane for the analysis of SCZ in pharmaceutical and biological samples. International Journal of Environmental Analytical Chemistry, 2019, 99, 1495-1514.	3.3	12
12	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
13	Insight into Coordination of Uranyl Ions with N,N-bis(2 <i>ε</i> -membered) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (do	3.5	10
14	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
15	Theoretical investigation into the coordination of <i>R/S</i> -asymmetric uranyl-salophens containing six-membered ring lactam with <i>cis</i> / <i>trans</i> -cyclohexylamines. Applied Organometallic Chemistry, 2018, 32, e4387.	3.5	7
16	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
17	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
18	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

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19	Determination of trace uranium (VI) using its self-assembly with a tetradentate monodentate ditopic ligand by resonance light scattering. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 542-551.	3.3	7
20	Computational insight into complex structures of thorium coordination with N, N'-bis(3-allyl) Tj ETQqO O O rgBTJ (Overlock 10 Tf 50	1.8	9
21	Ratiometric colorimetric determination of coenzyme A using gold nanoparticles and a binuclear uranyl complex as optical probes. <i>Mikrochimica Acta</i> , 2016, 183, 715-721.	5.0	7
22	Adsorption of low concentration of uranium(VI) from aqueous solution by diethylenetriamine functionalized <i>Cycas revoluta</i> leaves. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 1027-1037.	1.5	8
23	Density functional theory investigation of nonsymmetrically substituted uranyl-salophen complexes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 407-417.	1.5	15
24	Resonance light scattering detection of uranium based on its reaction with a Schiff base containing tetradentate ligand and phosphate groups to form supramolecular polymer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 304, 1163-1169.	1.5	7
25	A highly sensitive fluorescence probe for metallothioneins based on tiron-copper complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 85-89.	3.9	3
26	Determination of trace metallothioneins at nanogram levels with Eosin Y by resonance light scattering method. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 520-530.	3.3	3
27	Determination of copper (II) in foodstuffs based on its quenching effect on the fluorescence of N,N'-bis(pyridoxal phosphate)-o-phenylenediamine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 662-666.	3.9	3
28	Resonance Light Scattering Study on the Formation of a Manganese (II) Coordination Supramolecular Polymer and Its Analytical Application. <i>Spectroscopy Letters</i> , 2015, 48, 616-621.	1.0	7
29	Resonance light scattering detection of fructose bisphosphates using uranyl-salophen complex-modified gold nanoparticles as optical probe. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8911-8918.	3.7	4
30	Determination of ATP by resonance light scattering using a binuclear uranyl complex and aptamer modified gold nanoparticles as optical probes. <i>Mikrochimica Acta</i> , 2015, 182, 419-426.	5.0	19
31	Resonance light scattering for detecting fluoride ions based on the formation of a uranyl coordination supramolecular polymer. <i>Analytical Methods</i> , 2014, 6, 4818-4822.	2.7	4
32	A resonance light scattering method for the determination of uranium based on a water-soluble salophen and oxalate. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 863-869.	1.5	11
33	Spectroscopic study on the reactions of bis-salophen with uranyl and then with fructose 1,6-bisphosphate and the analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 110-116.	3.9	27
34	Detection of uranium with a wireless sensing method by using salophen as receptor and magnetic nanoparticles as signal-amplifying tags. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 1393-1399.	1.5	6
35	Determination of uranium in water based on enzyme inhibition using a wireless magnetoelastic sensor. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 613-622.	3.3	8
36	Wireless sensing determination of uranium(IV) based on its inhibitory effect on a catalytic precipitation reaction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 289, 893-898.	1.5	4

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37	Theoretical Unravelling the Complexation and Separation of Uranylâ€¦ligand Complexes towards Chiral R/Sâ€¦Profenofos. Applied Organometallic Chemistry, 0, , .	3.5	5