

Chunya Li

List of Publications by Year in descending order

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81
papers

2,354
citations

186265

28
h-index

243625

44
g-index

81
all docs

81
docs citations

81
times ranked

2803
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a ratiometric two-photon probe for imaging of hypochlorous acid (HClO) in wounded tissues. <i>Chemical Science</i> , 2018, 9, 6035-6040.	7.4	155
2	Two-Photon Fluorescent Probe for Detection of Exogenous and Endogenous Hydrogen Persulfide and Polysulfide in Living Organisms. <i>Analytical Chemistry</i> , 2015, 87, 3004-3010.	6.5	108
3	Voltammetric determination of tyrosine based on an L-serine polymer film electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 50, 147-151.	5.0	98
4	Electrochemical determination of dipyrindamole at a carbon paste electrode using cetyltrimethyl ammonium bromide as enhancing element. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 55, 77-83.	5.0	90
5	Enhanced photoelectrochemical immunosensing of cardiac troponin I based on energy transfer between N-acetyl-L-cysteine capped CdAgTe quantum dots and dodecahedral Au nanoparticles. <i>Biosensors and Bioelectronics</i> , 2017, 91, 741-746.	10.1	82
6	Electrochemical investigation of tryptophan at gold nanoparticles modified electrode in the presence of sodium dodecylbenzene sulfonate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 340-345.	5.0	80
7	Ionic liquid functionalized non-releasing antibacterial hydrogel dressing coupled with electrical stimulation for the promotion of diabetic wound healing. <i>Chemical Engineering Journal</i> , 2021, 415, 129025.	12.7	76
8	Molecularly Imprinted Photo-electrochemical Sensor for Human Epididymis Protein 4 Based on Polymerized Ionic Liquid Hydrogel and Gold Nanoparticle/ZnCdHgSe Quantum Dots Composite Film. <i>Analytical Chemistry</i> , 2017, 89, 12391-12398.	6.5	71
9	White-Light-Exciting, Layer-by-Layer-Assembled ZnCdHgSe Quantum Dots/Polymerized Ionic Liquid Hybrid Film for Highly Sensitive Photoelectrochemical Immunosensing of Neuron Specific Enolase. <i>Analytical Chemistry</i> , 2015, 87, 4237-4244.	6.5	70
10	Molecularly imprinted electrochemical sensing interface based on in-situ-polymerization of amino-functionalized ionic liquid for specific recognition of bovine serum albumin. <i>Biosensors and Bioelectronics</i> , 2015, 74, 792-798.	10.1	66
11	Sensing platform for neuron specific enolase based on molecularly imprinted polymerized ionic liquids in between gold nanoarrays. <i>Biosensors and Bioelectronics</i> , 2018, 99, 34-39.	10.1	61
12	Molecularly imprinted photoelectrochemical sensor for carcinoembryonic antigen based on polymerized ionic liquid hydrogel and hollow gold nanoballs/MoSe ₂ nanosheets. <i>Analytica Chimica Acta</i> , 2019, 1090, 64-71.	5.4	55
13	Voltammetric myoglobin sensor based on a glassy carbon electrode modified with a composite film consisting of carbon nanotubes and a molecularly imprinted polymerized ionic liquid. <i>Mikrochimica Acta</i> , 2017, 184, 195-202.	5.0	42
14	Voltammetric determination of ethinylestradiol at a carbon paste electrode in the presence of cetyl pyridine bromine. <i>Bioelectrochemistry</i> , 2007, 70, 263-268.	4.6	41
15	Doping amino-functionalized ionic liquid in perovskite crystal for enhancing performances of hole-conductor free solar cells with carbon electrode. <i>Chemical Engineering Journal</i> , 2019, 372, 46-52.	12.7	41
16	Halide perovskite based on hydrophobic ionic liquid for stability improving and its application in high-efficient photovoltaic cell. <i>Electrochimica Acta</i> , 2019, 303, 133-139.	5.2	38
17	Voltammetric determination of 2-chlorophenol using a glassy carbon electrode coated with multi-wall carbon nanotube-dicetyl phosphate film. <i>Mikrochimica Acta</i> , 2007, 157, 21-26.	5.0	37
18	Ionic liquid and spatially confined gold nanoparticles enhanced photoelectrochemical response of zinc-metal organic frameworks and immunosensing squamous cell carcinoma antigen. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111540.	10.1	37

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19	ZnS/C/MoS ₂ Nanocomposite Derived from Metal-Organic Framework for High-Performance Photo-Electrochemical Immunosensing of Carcinoembryonic Antigen. <i>Small</i> , 2019, 15, e1902086.	10.0	37
20	Electrochemical immunoassay for the prostate specific antigen using a reduced graphene oxide functionalized with a high molecular-weight silk peptide. <i>Mikrochimica Acta</i> , 2015, 182, 2061-2067.	5.0	35
21	Photoelectrochemical immunosensing of tetrabromobisphenol A based on the enhanced effect of dodecahedral gold nanocrystals/MoS ₂ nanosheets. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 205-212.	7.8	35
22	Ionic liquid auxiliary exfoliation of WS ₂ nanosheets and the enhanced effect of hollow gold nanospheres on their photoelectrochemical sensing towards human epididymis protein 4. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 982-990.	7.8	35
23	A ratiometric near-infrared fluorescent probe with a large emission peak shift for sensing and imaging hypochlorous acid. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130063.	7.8	34
24	One-pot controllable synthesis of BiOBr/I ₂ -Bi ₂ O ₃ nanocomposites with enhanced photocatalytic degradation of norfloxacin under simulated solar irradiation. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152664.	5.5	33
25	Sensitive photoelectrochemical immunosensor for squamous cell carcinoma antigen based on MoSe ₂ nanosheets and hollow gold nanospheres. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 199-205.	7.8	32
26	Simultaneous voltammetric determination of acetaminophen and dopamine using a glassy carbon electrode modified with copper porphyrin-exfoliated graphene. <i>Mikrochimica Acta</i> , 2018, 185, 369.	5.0	31
27	Reduced graphene oxide/Bi ₄ O ₅ Br ₂ nanocomposite with synergetic effects on improving adsorption and photocatalytic activity for the degradation of antibiotics. <i>Chemosphere</i> , 2021, 265, 129013.	8.2	31
28	Electrochemical investigation of methyl parathion at gold-sodium dodecylbenzene sulfonate nanoparticles modified glassy carbon electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 40-45.	5.0	29
29	A visible and near-infrared light dual responsive "signal-off" and "signal-on" photoelectrochemical aptasensor for prostate-specific antigen. <i>Biosensors and Bioelectronics</i> , 2022, 202, 113905.	10.1	29
30	Near-Infrared in and out: Observation of Autophagy during Stroke via a Lysosome-Targeting Two-Photon Viscosity-Dependent Probe. <i>Analytical Chemistry</i> , 2022, 94, 5797-5804.	6.5	29
31	Deep imaging for visualizing nitric oxide in lipid droplets: discovering the relationship between nitric oxide and resistance to cancer chemotherapy drugs. <i>Chemical Communications</i> , 2020, 56, 6233-6236.	4.1	28
32	Cyanine-Doped Lanthanide Metal-Organic Frameworks for Near-Infrared II Bioimaging. <i>Advanced Science</i> , 2022, 9, e2104561.	11.2	28
33	Simultaneous tracking of autophagy and oxidative stress during stroke with an ICT-TBET integrated ratiometric two-photon platform. <i>Chemical Science</i> , 2022, 13, 5363-5373.	7.4	28
34	Gold/WS ₂ nanocomposites fabricated by in-situ ultrasonication and assembling for photoelectrochemical immunosensing of carcinoembryonic antigen. <i>Mikrochimica Acta</i> , 2018, 185, 570.	5.0	27
35	An aptamer biosensor for CA125 quantification in human serum based on upconversion luminescence resonance energy transfer. <i>Microchemical Journal</i> , 2021, 161, 105761.	4.5	27
36	Assembling gold nanorods on a poly-cysteine modified glassy carbon electrode strongly enhance the electrochemical response to tetrabromobisphenol A. <i>Mikrochimica Acta</i> , 2016, 183, 689-696.	5.0	26

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37	One-step construction of an electrode modified with electrodeposited Au/SiO ₂ nanoparticles, and its application to the determination of NADH and ethanol. <i>Mikrochimica Acta</i> , 2010, 171, 399-405.	5.0	24
38	Fluorescent sensor for selective determination of copper ion based on N-acetyl-L-cysteine capped CdHgSe quantum dots. <i>Biosensors and Bioelectronics</i> , 2014, 54, 311-316.	10.1	23
39	Resonance energy transfer between ZnCdHgSe quantum dots and gold nanorods enhancing photoelectrochemical immunosensing of prostate specific antigen. <i>Analytica Chimica Acta</i> , 2016, 943, 106-113.	5.4	23
40	Sensitive immunosensing of squamous cell carcinoma antigen based on a nanocomposite of poly{3-amine-N-[3-(N-pyrrole)propyl]imidazole bromide} ionic liquid and gold nanorods. <i>Biosensors and Bioelectronics</i> , 2017, 96, 140-145.	10.1	22
41	Near-infrared photoactive Yb-MOF functionalized with a large conjugate ionic liquid: synthesis and application for photoelectrochemical immunosensing of carcinoma embryonic antigen. <i>Nanoscale</i> , 2021, 13, 9757-9765.	5.6	22
42	A sandwich-type photoelectrochemical immunosensor based on ReS ₂ nanosheets for high-performance determination of carcinoembryonic antigen. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128341.	7.8	20
43	Sensitive Voltammetric Determination of Methyl Parathion Using a Carbon Paste Electrode Modified with Mesoporous Zirconia. <i>Electroanalysis</i> , 2010, 22, 151-154.	2.9	19
44	Electrochemical sensor for bisphenol A based on a nanoporous polymerized ionic liquid interface. <i>Mikrochimica Acta</i> , 2014, 181, 565-572.	5.0	19
45	A photoelectrochemical immunosensor based on gold nanoparticles/ZnAgInS quaternary quantum dots for the high-performance determination of hepatitis B virus surface antigen. <i>Analytica Chimica Acta</i> , 2018, 1035, 136-145.	5.4	19
46	A pro-gastrin-releasing peptide imprinted photoelectrochemical sensor based on the <i>in situ</i> growth of gold nanoparticles on a MoS ₂ nanosheet surface. <i>Analyst</i> , 2020, 145, 1302-1309.	3.5	19
47	Bioimaging of hypochlorous acid using a near-infrared fluorescent probe derived from rhodamine dye with a large Stokes shift. <i>Sensors and Actuators B: Chemical</i> , 2022, 364, 131868.	7.8	19
48	A novel ionic liquid synthesis, electrochemical polymerization, and sensing performance toward bisphenol A. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1571-1578.	2.5	17
49	Enhanced Biosensing of Bisphenol A Using a Nanointerface Based on Tyrosinase/Reduced Graphene Oxides Functionalized with Ionic Liquid. <i>Electroanalysis</i> , 2016, 28, 96-102.	2.9	17
50	Ultrathin-layered carbon intercalated MoS ₂ hollow nanospheres integrated with gold nanoparticles for photoelectrochemical immunosensing of squamous cell carcinoma antigen. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126716.	7.8	17
51	Eu-MOF nanorods functionalized with large heterocyclic ionic liquid for photoelectrochemical immunoassay of α -fetoprotein. <i>Analytica Chimica Acta</i> , 2022, 1195, 339459.	5.4	17
52	A novel sensing platform based on ionic liquid integrated carboxylic-functionalized graphene oxide nanosheets for honokiol determination. <i>Electrochimica Acta</i> , 2015, 155, 45-53.	5.2	16
53	Electrochemical Sensing of α -Fetoprotein Based on Molecularly Imprinted Polymerized Ionic Liquid Film on a Gold Nanoparticle Modified Electrode Surface. <i>Sensors</i> , 2019, 19, 3218.	3.8	16
54	Dual-wavelength responsive photoelectrochemical aptasensor based on ionic liquid functionalized Zn-MOFs and noble metal nanoparticles for the simultaneous detection of multiple tumor markers. <i>Nanoscale</i> , 2021, 13, 19066-19075.	5.6	16

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55	Comparative study of the interactions between bisphenol analogues and serum albumins by electrospray mass spectrometry and fluorescence spectroscopy. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 162-167.	1.5	15
56	Enhanced effects of ionic liquid and gold nanoballs on the photoelectrochemical sensing performance of WS ₂ nanosheets towards 2,4,6-tribromophenol. <i>Electrochimica Acta</i> , 2018, 271, 551-559.	5.2	15
57	Tracking autophagy process with a through bond energy transfer-based ratiometric two-photon viscosity probe. <i>Biosensors and Bioelectronics</i> , 2022, 213, 114484.	10.1	15
58	Electrochemical fabrication of polymerized imidazole-based ionic liquid bearing pyrrole moiety for sensitive determination of hexestrol in chicken meat. <i>Food Chemistry</i> , 2015, 180, 142-149.	8.2	14
59	Rationally designed lipid droplets-selective two-photon nitric oxide probe for high-fidelity neuroinflammation evaluation. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130329.	7.8	14
60	Preparation of parathion imprinted polymer beads and its applications in electrochemical sensing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 90, 152-158.	5.0	13
61	A monolithic copolymer prepared from N-(4-vinyl)-benzyl iminodiacetic acid, divinylbenzene and N,N'-methylene bisacrylamide for preconcentration of cadmium(II) and cobalt(II) from biological samples prior to their determination by ICP-MS. <i>Mikrochimica Acta</i> , 2019, 186, 537.	5.0	13
62	Fabrication of an electrochemical immunosensor for α -fetoprotein based on a poly-L-lysine-single-walled carbon nanotubes/Prussian blue composite film interface. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2217-2222.	2.5	12
63	Electrochemical sensing of terabromobisphenol A at a polymerized ionic liquid film electrode and the enhanced effects of anions. <i>Ionics</i> , 2018, 24, 2843-2850.	2.4	9
64	Tailoring the CeO ₂ morphology and its electrochemical reactivity for highly sensitive and selective determination of dopamine and epinephrine. <i>Mikrochimica Acta</i> , 2020, 187, 143.	5.0	9
65	Construction of a novel sensor based on electropolymerization of carmine for voltammetric determination of 4-nitrophenol. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3271-3277.	2.6	8
66	Controlled synthesis of icosahedral gold nanocrystals, and their self-assembly with an ionic liquid for enhanced immunosensing of squamous cell carcinoma antigen. <i>Mikrochimica Acta</i> , 2017, 184, 3565-3572.	5.0	6
67	Photoelectrochemical immunoassay platform based on MoS ₂ nanosheets integrated with gold nanostars for neuron-specific enolase assay. <i>Mikrochimica Acta</i> , 2020, 187, 480.	5.0	6
68	A homogeneous biosensor for Human Epididymis Protein 4 based on upconversion luminescence resonance energy transfer. <i>Microchemical Journal</i> , 2021, 164, 106083.	4.5	6
69	Ionic liquid functionalized injectable and conductive hyaluronic acid hydrogels for the efficient repair of diabetic wounds under electrical stimulation. <i>Biomaterials Science</i> , 2022, 10, 1795-1802.	5.4	6
70	Ionic liquid functionalized trapezoidal Zn-MOF nanosheets integrated with gold nanoparticles for photoelectrochemical immunosensing α -fetoprotein. <i>Talanta</i> , 2023, 253, 123684.	5.5	6
71	An ultrasensitive fluorescent platform for monitoring GSH variation during ischemic stroke. <i>Chemical Engineering Journal</i> , 2022, 450, 137931.	12.7	6
72	A novel nanoporous film electrode based on electrochemical polymerization of ionic liquid and its application in sensitive determination of magnolol. <i>Talanta</i> , 2014, 119, 606-612.	5.5	5

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73	Synthesis of 1-[3-(N-pyrrole)propyl]-3-[1-tert-butoxycarbonylamino-propyl]-imidazolium tetrafluoroborate ionic liquid for application in electrochemical sensing of magnolol. <i>Ionics</i> , 2015, 21, 2567-2574.	2.4	5
74	Sensitive determination of dihydronicotinamide adenine dinucleotide and ethanol with a nano-porous carbon electrode. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 113-123.	0.8	4
75	Quantitative Determining of Ultra-Trace Aluminum Ion in Environmental Samples by Liquid Phase Microextraction Assisted Anodic Stripping Voltammetry. <i>Sensors</i> , 2018, 18, 1503.	3.8	4
76	Sandwich-type electrochemical immunosensor for sensitive determination of IgG based on the enhanced effects of poly-L-lysine functionalized reduced graphene oxide nanosheets and gold nanoparticles. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3281-3287.	2.5	3
77	Novel Iron-Based Polynuclear Metal Complexes [FeII(L)(CN)4]2•[FeIII(H2O)3Cl]2: Synthesis and Study of Photovoltaic Properties for Dye-Sensitized Solar Cell. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 1164-1175.	0.9	3
78	Impedance sensing platform for 4,4'-dibromobiphenyl based on a molecularly imprinted polymerized ionic liquid film/gold nanoparticle-modified glassy carbon electrode. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	3
79	A photoelectrochemical immunosensor based on ReS2 nanosheets for determination of collagen III related to abdominal aortic aneurysm. <i>Microchemical Journal</i> , 2021, 168, 106363.	4.5	3
80	Electrochemical investigation of hymecromone at a multi-wall carbon nano-tube/cetyl pyridine bromine composite film electrode. <i>Russian Journal of Electrochemistry</i> , 2007, 43, 1364-1368.	0.9	2
81	MOF Photochemistry: ZnS/C/MoS ₂ Nanocomposite Derived from Metal-Organic Framework for High-Performance Photo-Electrochemical Immunosensing of Carcinoembryonic Antigen (Small 48/2019). <i>Small</i> , 2019, 15, 1970257.	10.0	2