

Jianguo Li

List of Publications by Year in descending order

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85
papers

2,043
citations

236612

25
h-index

288905

40
g-index

85
all docs

85
docs citations

85
times ranked

2064
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of hollow mesoporous prussian blue coated with mesoporous silica shell nanocubes for photothermal therapy and drug carrier. <i>Materials Letters</i> , 2022, 312, 131697.	1.3	5
2	Ultra-sensitive detection of florfenicol by flow injection chemiluminescence immunoassay based on Nickel/Cobalt bimetallic metal-organic framework nanozymes. <i>Analyst</i> , The, 2022, 147, 1321-1328.	1.7	11
3	Highly sensitive competitive electrochemiluminescence immunosensor based on ABEL-H ₂ O ₂ system with cobalt hydroxide nanosheets and bimetal PdAg as co-enhancer for detection of florfenicol. <i>Mikrochimica Acta</i> , 2022, 189, 214.	2.5	6
4	Ultrasensitive and Specific Detection of Anticancer Drug 5-Fluorouracil in Blood Samples by a Surface-Enhanced Raman Scattering (SERS)-Based Lateral Flow Immunochromatographic Assay. <i>Molecules</i> , 2022, 27, 4019.	1.7	7
5	Development of a highly sensitive and specific monoclonal antibody-based ELISA coupled with immuno-affinity extraction for the detection of anticancer drug 5-fluorouracil in blood samples. <i>Talanta</i> , 2022, 249, 123655.	2.9	5
6	Mesoporous silica nanoparticles loaded with capsaicin and their oxidation resistance in meat preservation. <i>Food Chemistry</i> , 2021, 344, 128737.	4.2	17
7	Quantitative and ultrasensitive detection of brombuterol by a surface-enhanced Raman scattering (SERS)-based lateral flow immunochromatographic assay (FLIA) using Ag ^{MBA} @Au-Ab as an immunoprobe. <i>Analyst</i> , The, 2021, 146, 296-304.	1.7	8
8	An electrochemiluminescence energy resonance transfer system for highly sensitive detection of brombuterol. <i>Talanta</i> , 2021, 223, 121687.	2.9	10
9	Simultaneous detection of three amphenicol antibiotics in shrimp and surface water samples by LC-MS/MS using two-antibodies-immobilized immunoaffinity clean-up technique. <i>Food and Agricultural Immunology</i> , 2021, 32, 283-297.	0.7	7
10	Detection of enrofloxacin by flow injection chemiluminescence immunoassay based on cobalt hydroxide nanozyme. <i>Mikrochimica Acta</i> , 2021, 188, 194.	2.5	19
11	A SERS-based competitive immunoassay using highly ordered gold cavity arrays as the substrate for simultaneous detection of β -adrenergic agonists. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130230.	4.0	12
12	A novel electrochemiluminescence immunoassay based on highly efficient resonance energy transfer for florfenicol detection. <i>Talanta</i> , 2021, 235, 122732.	2.9	12
13	A novel electrochemiluminescence immunosensing strategy fabricated by Co(OH) ₂ two-dimensional nanosheets and Ru@SiO ₂ -Au NPs for the highly sensitive detection of enrofloxacin. <i>Analyst</i> , The, 2021, 146, 5429-5436.	1.7	2
14	Electrodeposition immobilized molybdenum disulfide quantum dots and their electrochemiluminescence application in the detection of melamine residues in milk powder. <i>Analytical Methods</i> , 2021, 13, 2196-2203.	1.3	5
15	Efficient enhancement of electrochemiluminescence from tin disulfide quantum dots by hollow titanium dioxide spherical shell for highly sensitive detection of chloramphenicol. <i>Biosensors and Bioelectronics</i> , 2020, 147, 111790.	5.3	41
16	Electrochemiluminescence resonance energy transfer system between non-toxic SnS ₂ quantum dots and ultrathin Ag@Au nanosheets for chloramphenicol detection. <i>Chemical Engineering Journal</i> , 2020, 392, 123670.	6.6	36
17	Sensitive and specific detection of ractopamine: An electrochemiluminescence immunosensing strategy fabricated by trimetallic Au@Pd@Pt nanoparticles and triangular gold nanosheets. <i>Electrochimica Acta</i> , 2020, 361, 137061.	2.6	15
18	Ultrasensitive determination of ractopamine based on dual catalytic signal amplification by Pd nanocubes and HRP using a flow injection chemiluminescence immunoassay. <i>Analyst</i> , The, 2020, 145, 6171-6179.	1.7	12

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19	A simple and sensitive flow injection chemiluminescence immunoassay for chloramphenicol based on gold nanoparticle-loaded enzyme. <i>Luminescence</i> , 2020, 35, 877-884.	1.5	7
20	A label-free and sensitive electrochemiluminescence sensor based on a simple one-step electrodeposition of Co/ZnS modified electrode for trace copper ions detection. <i>Microchemical Journal</i> , 2020, 155, 104749.	2.3	11
21	Simultaneous detection of plant growth regulators jasmonic acid and methyl jasmonate in plant samples by a monoclonal antibody-based ELISA. <i>Analyst, The</i> , 2020, 145, 4004-4011.	1.7	11
22	An ultrasensitive competitive chemiluminescence immunosensor coupled flow injection cell modified by oxidized graphene-chitosan for the detection of Hg ²⁺ . <i>Microchemical Journal</i> , 2019, 149, 103997.	2.3	7
23	Peroxydisulfate/oxygen system-based electrochemiluminescent immunosensing of Hg ²⁺ using Pt/Pd nanodendrites-thiosemicarbazide/norfloxacin as a signal enhancer. <i>Analyst, The</i> , 2019, 144, 1590-1599.	1.7	7
24	Development of a monoclonal antibody based-ELISA for the detection of chloramphenicol in shrimp, feed and milk samples and validation by LC-MS/MS coupled with immunoaffinity clean-up. <i>Analytical Methods</i> , 2019, 11, 507-516.	1.3	27
25	Multiple signal amplification chemiluminescence immunoassay for chloramphenicol using functionalized SiO ₂ nanoparticles as probes and resin beads as carriers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117177.	2.0	11
26	Ultrasensitive detection of diclofenac in water samples by a novel surface-enhanced Raman scattering (SERS)-based immunochromatographic assay using AgMBA@SiO ₂ -Ab as immunoprobe. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 563-570.	4.0	41
27	Ultrasensitive detection of Sudan I in food samples by a quantitative immunochromatographic assay. <i>Food Chemistry</i> , 2019, 277, 595-603.	4.2	44
28	A novel electrochemiluminescent immunoassay for diclofenac using conductive polymer functionalized graphene oxide as labels and gold nanorods as signal enhancers. <i>Talanta</i> , 2019, 193, 184-191.	2.9	24
29	A Flow Injection Chemiluminescent Immunosensor for Ultrasensitive Detection of Brombuterol Based on Resin Beads and Enzymatic Amplification. <i>Food Analytical Methods</i> , 2019, 12, 305-312.	1.3	4
30	Ultrasensitive detection of diclofenac based on electrochemiluminescent immunosensor with multiple signal amplification strategy of palladium attached graphene oxide as bioprobes and ceria doped zinc oxide as substrates. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 411-420.	4.0	21
31	Electrochemiluminescence based competitive immunoassay for Sudan I by using gold-functionalized graphitic carbon nitride and Au/Cu alloy nanoflowers. <i>Mikrochimica Acta</i> , 2018, 185, 275.	2.5	22
32	Multichannel electroanalytical devices for competitive ELISA of phenylethanolamine A. <i>Biosensors and Bioelectronics</i> , 2018, 99, 21-27.	5.3	12
33	An ultrasensitive electrochemiluminescent immunosensor based on graphene oxide coupled graphite-like carbon nitride and multiwalled carbon nanotubes-gold for the detection of diclofenac. <i>Biosensors and Bioelectronics</i> , 2018, 101, 260-267.	5.3	62
34	Highly sensitive determination of diclofenac based on resin beads and a novel polyclonal antibody by using flow injection chemiluminescence competitive immunoassay. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 1-7.	2.0	15
35	Multiple signal amplification electrochemiluminescent immunoassay for Sudan I using gold nanorods functionalized graphene oxide and palladium/aurum core-shell nanocrystallines as labels. <i>Electrochimica Acta</i> , 2018, 278, 352-362.	2.6	33
36	Sensitive detection of enrofloxacin using an electrochemiluminescence immunosensor based on gold-functionalized C ₆₀ and Au@BSA nanoflowers. <i>New Journal of Chemistry</i> , 2018, 42, 14142-14148.	1.4	11

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37	Development of a highly sensitive and specific monoclonal antibody based enzyme-linked immunosorbent assay for the detection of a new β_2 -agonist, phenylethanolamine A, in food samples. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1001-1009.	1.7	16
38	Fluorescent nitrogen and sulfur co-doped carbon dots from casein and their applications for sensitive detection of Hg 2+ and biothiols and cellular imaging. <i>Analytica Chimica Acta</i> , 2017, 964, 150-160.	2.6	104
39	Ultrasensitive electrochemiluminescent salbutamol immunoassay with dual-signal amplification using CdSe@SiO ₂ as label and gold nanoparticles as substrate. <i>Mikrochimica Acta</i> , 2017, 184, 961-968.	2.5	17
40	Ultrasensitive detection of the β_2 -adrenergic agonist brombuterol by a SERS-based lateral flow immunochromatographic assay using flower-like gold-silver core-shell nanoparticles. <i>Mikrochimica Acta</i> , 2017, 184, 1711-1719.	2.5	57
41	Ultrasensitive QDs based electrochemiluminescent immunosensor for detecting ractopamine using AuNPs and Au nanoparticles@PDDA-graphene as amplifier. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 121-129.	4.0	53
42	Dual-Signal Amplified Electrochemiluminescent Immunosensor for Detecting Ractopamine Using Quantum Dots and Gold Nanoparticles-Labeled Horseradish Peroxidase. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, R56-R62.	0.9	5
43	A sensitive and group-specific monoclonal antibody-based indirect competitive ELISA for the determination of salbutamol in swine meat and liver samples. <i>Analytical Methods</i> , 2017, 9, 5806-5815.	1.3	11
44	Ultrasensitive electrochemiluminescent brombuterol immunoassay by applying a multiple signal amplification strategy based on a PAMAM-gold nanoparticle conjugate as the bioprobe and Ag@Au core shell nanoparticles as a substrate. <i>Mikrochimica Acta</i> , 2017, 184, 3415-3423.	2.5	28
45	Sensitive and specific detection of a new β_2 -agonist brombuterol in tissue and feed samples by a competitive polyclonal antibody based ELISA. <i>Analytical Methods</i> , 2016, 8, 3578-3586.	1.3	15
46	Ultrasensitive Electrochemiluminescent Immunosensor for Detecting Brombuterol Based on Quantum Dots-Graphene@Gold Nanoparticles as Signal Enhancer. <i>Journal of the Electrochemical Society</i> , 2016, 163, B352-B357.	1.3	7
47	Signal Amplification Strategy for Highly Sensitive Detecting Brombuterol with Electrochemiluminescent Immunoassay by Using CdSe QDs as Label and Gold Nanoparticle as Substrate. <i>Electroanalysis</i> , 2016, 28, 1847-1855.	1.5	4
48	Development of a sensitive monoclonal antibody-based ELISA for the determination of a β_2 -adrenergic agonist brombuterol in swine meat, liver and feed samples. <i>Analytical Methods</i> , 2016, 8, 6941-6948.	1.3	18
49	Highly sensitive electrochemiluminescent immunosensor based on gold nanoparticles-functionalized zinc oxide nanorod and poly(amidoamine)-graphene for detecting brombuterol. <i>Biosensors and Bioelectronics</i> , 2016, 86, 899-906.	5.3	52
50	Chitosan-coated hemoglobin microcapsules for use in an electrochemical sensor and as a carrier for oxygen. <i>Mikrochimica Acta</i> , 2016, 183, 2847-2854.	2.5	8
51	Multiple signal amplified electrochemiluminescent immunoassay for brombuterol detection using gold nanoparticles and polyamidoamine dendrimers-silver nanoribbon. <i>Analytica Chimica Acta</i> , 2016, 945, 85-94.	2.6	26
52	Ultrasensitive and Specific Detection of Salbutamol in Swine Feed, Meat, and Urine Samples by a Competitive Immunochromatographic Test Integrated with Surface-Enhanced Raman Scattering. <i>Food Analytical Methods</i> , 2016, 9, 3396-3406.	1.3	20
53	A competitive immunoassay for ultrasensitive detection of Hg 2+ in water, human serum and urine samples using immunochromatographic test based on surface-enhanced Raman scattering. <i>Analytica Chimica Acta</i> , 2016, 906, 139-147.	2.6	36
54	Ultrasensitive Electrochemiluminescent Competitive Immunoassay for β_2 -Adrenergic Agonist Salbutamol Based on Quantum Dots and Enzymatic Amplification. <i>Journal of the Electrochemical Society</i> , 2016, 163, B62-B67.	1.3	15

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55	Development and Application of Immunoaffinity Column for the Simultaneous Determination of Norfloxacin, Pefloxacin, Lomefloxacin, and Enrofloxacin in Swine and Chicken Meat Samples. <i>Food Analytical Methods</i> , 2016, 9, 342-352.	1.3	17
56	Flow injection determination of diclofenac sodium based on its sensitizing effect on the chemiluminescent reaction of acidic potassium permanganate–formaldehyde. <i>Luminescence</i> , 2015, 30, 32-37.	1.5	7
57	Highly sensitive electroluminescence immunoassay for Hg(II) ions based on the use of CdSe quantum dots, the methylmercury-6-mercaptopicnic acid-ovalbumin conjugate, and a specific monoclonal antibody. <i>Mikrochimica Acta</i> , 2015, 182, 469-477.	2.5	15
58	A novel immunochromatographic assay (ICA) based on surface-enhanced Raman scattering for the sensitive and quantitative determination of clenbuterol. <i>Analytical Methods</i> , 2015, 7, 513-520.	1.3	37
59	A sensitive glucose biosensor based on Ag@C core–shell matrix. <i>Materials Science and Engineering C</i> , 2015, 49, 579-587.	3.8	38
60	An ultrasensitive competitive immunochromatographic assay (ICA) based on surface-enhanced Raman scattering (SERS) for direct detection of 3-amino-5-methylmorpholino-2-oxazolidinone (AMOZ) in tissue and urine samples. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 551-558.	4.0	26
61	Simple and rapid preparation of orange-yellow fluorescent gold nanoclusters using L-homocysteine as a reducing/stabilizing reagent and their application in cancer cell imaging. <i>RSC Advances</i> , 2015, 5, 11343-11348.	1.7	13
62	Flow injection chemiluminescence immunoassay based on resin beads, enzymatic amplification and a novel monoclonal antibody for determination of Hg ²⁺ . <i>Analyst</i> , The, 2015, 140, 6373-6378.	1.7	12
63	Dual-signal amplified electrochemiluminescence immunoassay for salbutamol based on quantum dots and gold nanoparticle-labeled horseradish peroxidase. <i>Analyst</i> , The, 2015, 140, 5885-5890.	1.7	20
64	Flow injection chemiluminescent competitive immunoassay for the β_2 -adrenergic agonist salbutamol using carboxylic resin beads and enzymatic amplification. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 323-329.	4.0	20
65	Multiple Signal Amplified Electrochemiluminescent Immunoassay for Hg ²⁺ Using Graphene-Coupled Quantum Dots and Gold Nanoparticles-Labeled Horseradish Peroxidase. <i>Environmental Science & Technology</i> , 2015, 49, 5013-5020.	4.6	78
66	Preparation of orange-red fluorescent gold nanoclusters using denatured casein as a reductant and stabilizing agent, and their application to imaging of HeLa cells and for the quantitation of mercury(II). <i>Mikrochimica Acta</i> , 2015, 182, 2577-2584.	2.5	15
67	A novel sensor based on electrodeposited Au–Pt bimetallic nano-clusters decorated on graphene oxide (GO)–electrochemically reduced GO for sensitive detection of dopamine and uric acid. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1542-1553.	4.0	73
68	Quantum Dots Based Electrochemiluminescent Immunosensor for Ultrasensitive and Specific Determination of Mercury (II) Ions Using Gold Nanoparticles and a Monoclonal Antibody. <i>Journal of the Electrochemical Society</i> , 2015, 162, B22-B26.	1.3	17
69	Ultrasensitive competitive electrochemiluminescence immunoassay for the β_2 -adrenergic agonist phenylethanolamine A using quantum dots and enzymatic amplification. <i>Mikrochimica Acta</i> , 2015, 182, 139-147.	2.5	20
70	Highly sensitive electrochemiluminescence determination of etamsylate using a low-cost electrochemical flow-through cell based on a tris(2, 2'-bipyridyl)ruthenium(II)–Nafion-modified carbon paste electrode. <i>Luminescence</i> , 2014, 29, 784-790.	1.5	3
71	Ultrasensitive detection of clenbuterol by quantum dots based electrochemiluminescent immunosensor using gold nanoparticles as substrate and electron transport accelerator. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 508-515.	4.0	54
72	Ultrasensitive and Quantitative Detection of a New β_2 -Agonist Phenylethanolamine A by a Novel Immunochromatographic Assay Based on Surface-Enhanced Raman Scattering (SERS). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10896-10902.	2.4	68

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73	A quantum dot based electrochemiluminescent immunosensor for the detection of pg level phenylethanolamine A using gold nanoparticles as substrates and electron transfer accelerators. <i>Analyst, The</i> , 2014, 139, 4365-4372.	1.7	22
74	CdSe Quantum Dots Based Electrochemiluminescence Immunosensor with Simple Structure for Ultrasensitive Detection of Salbutamol. <i>Electroanalysis</i> , 2014, 26, 873-881.	1.5	22
75	Flow injection chemiluminescence immunosensor for the determination of clenbuterol by immobilizing coating-antigen on carboxylic resin beads. <i>Analytical Methods</i> , 2014, 6, 3152-3158.	1.3	9
76	Quantum dots based electrochemiluminescent immunosensor by coupling enzymatic amplification for ultrasensitive detection of clenbuterol. <i>Analytica Chimica Acta</i> , 2013, 798, 82-88.	2.6	41
77	Preparation of water-soluble CdSe quantum dots and its application for nitrite detection in the anodic electrochemiluminescence. <i>Luminescence</i> , 2013, 28, 551-556.	1.5	16
78	Determination of clomipramine by flow-injection analysis with acidic potassium permanganate-formic acid chemiluminescence detection. <i>Luminescence</i> , 2011, 26, 741-746.	1.5	8
79	Flow Injection Determination of Tramadol Based on Its Sensitizing Effect on the Chemiluminescent Reaction of Permanganate-Sulfite. <i>American Journal of Analytical Chemistry</i> , 2011, 02, 768-775.	0.3	5
80	Flow injection determination of benzhexol based on its sensitizing effect on the chemiluminescent reaction of Ce(IV)-sulfite. <i>Luminescence</i> , 2010, 25, 317-321.	1.5	8
81	Simultaneous Electrochemiluminescence Detection of Anisodamine, Atropine, and Scopolamine in <i>Flos daturae</i> by Capillary Electrophoresis Using β -Cyclodextrin as Additive. <i>Electroanalysis</i> , 2007, 19, 1569-1574.	1.5	38
82	Electrogenerated Chemiluminescence Detection of Amino Acids Based on Precolumn Derivatization Coupled with Capillary Electrophoresis Separation. <i>Analytical Chemistry</i> , 2006, 78, 2694-2699.	3.2	83
83	Simultaneous determination of psychotropic drugs in human urine by capillary electrophoresis with electrochemiluminescence detection. <i>Analytica Chimica Acta</i> , 2006, 575, 57-61.	2.6	59
84	Simultaneous electrochemiluminescence determination of sulpiride and tiapride by capillary electrophoresis with cyclodextrin additives. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 835, 84-89.	1.2	47
85	Simultaneous determination of ethamsylate, tramadol and lidocaine in human urine by capillary electrophoresis with electrochemiluminescence detection. <i>Electrophoresis</i> , 2006, 27, 3467-3474.	1.3	60