

Juan Li

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

12,402
citations

249298

26
h-index

51423

90
g-index

90
all docs

90
docs citations

90
times ranked

26672
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of hybridization chain reaction optical detection incorporating nanomaterials: A review. <i>Analytica Chimica Acta</i> , 2022, 1190, 338930.	2.6	11
2	A concise detection strategy of <i>Staphylococcus aureus</i> using N-Succinyl-Chitosan-doped bacteria-imprinted composite film and AIE fluorescence sensor. <i>Journal of Hazardous Materials</i> , 2022, 423, 126934.	6.5	21
3	Detection of four foodborne pathogens based on magnetic separation multiplex PCR and capillary electrophoresis. <i>Biotechnology Journal</i> , 2022, 17, e2100335.	1.8	12
4	Immune dysfunction induced by 2,6-dichloro-1,4-benzoquinone, an emerging water disinfection byproduct, due to the defects of host-microbiome interactions. <i>Chemosphere</i> , 2022, 294, 133777.	4.2	5
5	On-Site Viral Inactivation and RNA Preservation of Gargle and Saliva Samples Combined with Direct Analysis of SARS-CoV-2 RNA on Magnetic Beads. <i>ACS Measurement Science Au</i> , 2022, 2, 224-232.	1.9	9
6	A colorimetric sensor for <i>Staphylococcus aureus</i> detection based on controlled click chemical-induced aggregation of gold nanoparticles and immunomagnetic separation. <i>Mikrochimica Acta</i> , 2022, 189, 104.	2.5	10
7	Colorimetric determination of <i>Listeria monocytogenes</i> using aptamer and urease dual-labeled magnetic nanoparticles and cucurbit[7]uril-mediated supramolecular assembly of gold nanoparticle. <i>Mikrochimica Acta</i> , 2022, 189, 41.	2.5	8
8	Rapid qualitative and quantitative detection of <i>Salmonella typhimurium</i> using a single-step dual photometric/fluorometric assay. <i>Mikrochimica Acta</i> , 2022, 189, 218.	2.5	4
9	A Chlorine-Based Redox Electrochemical Capacitor. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24396-24403.	4.0	8
10	Design of a ZnO@Plant Polyphenol/Poly(vinyl alcohol) Film via Plant Polyphenol-Induced Cross-Linking and Its Enhanced UV Shielding and Antibacterial Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9369-9380.	3.2	10
11	Feasibility Study on Facile and One-step Colorimetric Determination of Glutathione by Exploiting Oxidase-like Activity of Fe ₃ O ₄ -MnO ₂ Nanocomposites. <i>Analytical Sciences</i> , 2021, 37, 1355-1360.	0.8	2
12	Smoking cessation in late life is associated with increased risk of all-cause mortality amongst oldest old people: a community-based prospective cohort study. <i>Age and Ageing</i> , 2021, 50, 1298-1305.	0.7	3
13	CRISPR technology incorporating amplification strategies: molecular assays for nucleic acids, proteins, and small molecules. <i>Chemical Science</i> , 2021, 12, 4683-4698.	3.7	145
14	Coupling anodic/cathodic energy storage through <i>in situ</i> heterostructure regulation of ordered microporous carbon for sodium-ion hybrid capacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3360-3368.	5.2	15
15	A multicolor sensing system for simultaneous detection of four foodborne pathogenic bacteria based on Fe ₃ O ₄ /MnO ₂ nanocomposites and the etching of gold nanorods. <i>Food and Chemical Toxicology</i> , 2021, 149, 112035.	1.8	15
16	Enzyme-free and label-free detection of <i>Staphylococcus aureus</i> based on target-inhibited fluorescence signal recovery. <i>Food and Chemical Toxicology</i> , 2021, 150, 112071.	1.8	12
17	One-step colorimetric detection of <i>Staphylococcus aureus</i> based on target-induced shielding against the peroxidase mimicking activity of aptamer-functionalized gold-coated iron oxide nanocomposites. <i>Talanta</i> , 2021, 232, 122448.	2.9	23
18	A four-in-one pure nanomedicine for synergistic multi-target therapy against breast cancer. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8809-8822.	2.9	3

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19	CRISPR/Cas12a-mediated gold nanoparticle aggregation for colorimetric detection of SARS-CoV-2. <i>Chemical Communications</i> , 2021, 57, 6871-6874.	2.2	70
20	Label-Free Detection of <i>Staphylococcus aureus</i> Based on Bacteria-Imprinted Polymer and Turn-on Fluorescence Probes. <i>ACS Applied Bio Materials</i> , 2021, 4, 420-427.	2.3	12
21	Multi-functional magnetic molecular imprinting probe for visual detection of IgY antibodies. <i>Mikrochimica Acta</i> , 2021, 188, 378.	2.5	4
22	Rapid detection of <i>Vibrio parahaemolyticus</i> using magnetic nanobead-based immunoseparation and quantum dot-based immunofluorescence. <i>RSC Advances</i> , 2021, 11, 38638-38647.	1.7	12
23	Colorimetric Immunoassay for the Detection of <i>Staphylococcus aureus</i> by Using Magnetic Carbon Dots and Sliver Nanoclusters as o-Phenylenediamine-Oxidase Mimetics. <i>Food Analytical Methods</i> , 2020, 13, 833-838.	1.3	19
24	Rapid visualized isothermal nucleic acid testing of <i>Vibrio parahaemolyticus</i> by polymerase spiral reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 93-101.	1.9	25
25	Isothermal Amplification and Ambient Visualization in a Single Tube for the Detection of SARS-CoV-2 Using Loop-Mediated Amplification and CRISPR Technology. <i>Analytical Chemistry</i> , 2020, 92, 16204-16212.	3.2	172
26	Simultaneous detection of three zoonotic pathogens based on phage display peptide and multicolor quantum dots. <i>Analytical Biochemistry</i> , 2020, 608, 113854.	1.1	18
27	Paper chip-based colorimetric assay for detection of <i>Salmonella typhimurium</i> by combining aptamer-modified Fe ₃ O ₄ @Ag nanoprobe and urease activity inhibition. <i>Mikrochimica Acta</i> , 2020, 187, 554.	2.5	21
28	Colorimetric immunoassay for rapid detection of <i>Staphylococcus aureus</i> based on etching-enhanced peroxidase-like catalytic activity of gold nanoparticles. <i>Mikrochimica Acta</i> , 2020, 187, 504.	2.5	46
29	A novel recombinant multi-epitope protein candidate for the diagnosis of brucellosis: A pilot study. <i>Journal of Microbiological Methods</i> , 2020, 174, 105964.	0.7	1
30	An improved recombinase polymerase amplification assay for visual detection of <i>Vibrio parahaemolyticus</i> with lateral flow strips. <i>Journal of Food Science</i> , 2020, 85, 1834-1844.	1.5	25
31	Molecular Diagnosis of COVID-19: Challenges and Research Needs. <i>Analytical Chemistry</i> , 2020, 92, 10196-10209.	3.2	294
32	A Reverse Transcription-Polymerase Spiral Reaction (RT-PSR)-Based Rapid Coxsackievirus A16 Detection Method and Its Application in the Clinical Diagnosis of Hand, Foot, and Mouth Disease. <i>Frontiers in Microbiology</i> , 2020, 11, 734.	1.5	4
33	Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. <i>Lancet</i> , 2020, 395, 565-574.	6.3	9,430
34	Polyethyleneimine-interlayered silica-core quantum dot-shell nanocomposites for sensitive detection of <i>Salmonella typhimurium</i> via a lateral flow immunoassay. <i>RSC Advances</i> , 2020, 10, 2483-2489.	1.7	29
35	A novel fluorescence method for the rapid and effective detection of <i>Listeria monocytogenes</i> using aptamer-conjugated magnetic nanoparticles and aggregation-induced emission dots. <i>Analyst</i> , 2020, 145, 3857-3863.	1.7	29
36	Multi-functional MnO ₂ -doped Fe ₃ O ₄ nanoparticles as an artificial enzyme for the colorimetric detection of bacteria. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3135-3140.	1.9	11

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37	Rapid and selective recognition of <i>Vibrio parahaemolyticus</i> assisted by perfluorinated alkoxysilane modified molecularly imprinted polymer film. <i>RSC Advances</i> , 2020, 10, 14305-14312.	1.7	11
38	Colorimetric detection of <i>Staphylococcus aureus</i> using gold nanorods labeled with yolk immunoglobulin and urease, magnetic beads, and a phenolphthalein impregnated test paper. <i>Mikrochimica Acta</i> , 2019, 186, 611.	2.5	18
39	Antiviral effects of a niobium-substituted heteropolytungstate on hepatitis B virus-transgenic mice. <i>Drug Development Research</i> , 2019, 80, 1062-1070.	1.4	10
40	Immune Checkpoint Blockade Mediated by a Small-Molecule Nanoinhibitor Targeting the PD-1/PD-L1 Pathway Synergizes with Photodynamic Therapy to Elicit Antitumor Immunity and Antimetastatic Effects on Breast Cancer. <i>Small</i> , 2019, 15, e1903881.	5.2	124
41	Self-Assembly and Antitumor Activity of a Polyoxovanadate-Based Coordination Nanocage. <i>Chemistry - A European Journal</i> , 2019, 25, 15326-15332.	1.7	20
42	Multifunctional Tetracene/Pentacene Host/Guest Nanorods for Enhanced Upconversion Photodynamic Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37479-37490.	4.0	11
43	Preparation and identification of chicken egg yolk immunoglobulins against human enterovirus 71 for diagnosis of hand-foot-and-mouth disease. <i>Analytical Biochemistry</i> , 2019, 573, 44-50.	1.1	6
44	Fluorescence signal amplification assay for the detection of <i>B. melitensis</i> 16M, based on peptide-mediated magnetic separation technology and a AuNP-mediated bio-barcode assembled by quantum dot technology. <i>Analyst</i> , 2019, 144, 2704-2715.	1.7	11
45	A novel visual-mixed-dye for LAMP and its application in the detection of foodborne pathogens. <i>Analytical Biochemistry</i> , 2019, 574, 1-6.	1.1	35
46	Development and Assessment of a Paper-based Enzyme-linked Immunosorbent Assay for the Colorimetric Diagnosis of Human Brucellosis. <i>Analytical Letters</i> , 2019, 52, 1614-1628.	1.0	4
47	A multicolorimetric assay for rapid detection of <i>Listeria monocytogenes</i> based on the etching of gold nanorods. <i>Analytica Chimica Acta</i> , 2019, 1048, 154-160.	2.6	44
48	Rapid and Specific Detection of <i>Listeria monocytogenes</i> With an Isothermal Amplification and Lateral Flow Strip Combined Method That Eliminates False-Positive Signals From Primer-Dimers. <i>Frontiers in Microbiology</i> , 2019, 10, 2959.	1.5	45
49	Intraparticle FRET for Enhanced Efficiency of Two-Photon Activated Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701357.	3.9	22
50	Triple network hydrogels (TN gels) prepared by a one-pot, two-step method with high mechanical properties. <i>RSC Advances</i> , 2018, 8, 6789-6797.	1.7	13
51	Design and preparation of a new polyurea-polysiloxane-polyether copolymer with a block soft segment prepared by utilizing aza-Michael addition reaction. <i>Polymer Chemistry</i> , 2018, 9, 869-877.	1.9	15
52	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 7885-7889.	1.6	24
53	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7759-7763.	7.2	104
54	Development of a low-cost paper-based ELISA method for rapid <i>Escherichia coli</i> O157:H7 detection. <i>Analytical Biochemistry</i> , 2018, 542, 58-62.	1.1	144

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55	Colorimetric immunoassay for <i>Listeria monocytogenes</i> by using core gold nanoparticles, silver nanoclusters as oxidase mimetics, and aptamer-conjugated magnetic nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 360.	2.5	57
56	Development of a self-priming PDMS/paper hybrid microfluidic chip using mixed-dye-loaded loop-mediated isothermal amplification assay for multiplex foodborne pathogens detection. <i>Analytica Chimica Acta</i> , 2018, 1040, 81-89.	2.6	63
57	Colorimetric Immunoassay for Rapid Detection of <i>Vibrio parahaemolyticus</i> Based on Mn ²⁺ Mediates the Assembly of Gold Nanoparticles. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9516-9521.	2.4	44
58	Association Between Schizophrenia and DNA Demethylase Activity in Human Peripheral Blood Mononuclear Cells. <i>Clinical Laboratory</i> , 2018, 64, 1031-1035.	0.2	3
59	A sandwich immunoassay for brucellosis diagnosis based on immune magnetic beads and quantum dots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 141, 79-86.	1.4	28
60	Selective turn-on fluorescence detection of <i>Vibrio parahaemolyticus</i> in food based on charge-transfer between CdSe/ZnS quantum dots and gold nanoparticles. <i>Food Control</i> , 2017, 80, 380-387.	2.8	45
61	A Rapid Detection Method of <i>Brucella</i> with Quantum Dots and Magnetic Beads Conjugated with Different Polyclonal Antibodies. <i>Nanoscale Research Letters</i> , 2017, 12, 179.	3.1	28
62	Antileukemic activity of an arsenomolybdate in the human HL-60 and U937 leukemia cells. <i>Journal of Inorganic Biochemistry</i> , 2017, 168, 67-75.	1.5	17
63	Colorimetric immunoassay for rapid detection of <i>Vibrio parahaemolyticus</i> . <i>Mikrochimica Acta</i> , 2017, 184, 4785-4792.	2.5	40
64	Rapid and Quantitative Detection of <i>Vibrio parahaemolyticus</i> by the Mixed-Dye-Based Loop-Mediated Isothermal Amplification Assay on a Self-Priming Compartmentalization Microfluidic Chip. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 11312-11319.	2.4	35
65	In vitro and in vivo antifungal activities and mechanism of heteropolytungstates against <i>Candida</i> species. <i>Scientific Reports</i> , 2017, 7, 16942.	1.6	22
66	Genotoxicity and acute and subchronic toxicity studies of a bioactive polyoxometalate in Wistar rats. <i>BMC Pharmacology & Toxicology</i> , 2017, 18, 26.	1.0	7
67	Determination of Eleven Organophosphorus Pesticide Residues in Textiles by Using HPLC-HRMS. <i>Analytical Sciences</i> , 2017, 33, 1027-1032.	0.8	19
68	Synthesis, cytotoxicity and antitumour mechanism investigations of polyoxometalate doped silica nanospheres on breast cancer MCF-7 cells. <i>PLoS ONE</i> , 2017, 12, e0181018.	1.1	32
69	Appropriate Body Mass Index and Waist-hip Ratio Cutoff Points for Overweight and Obesity in Adults of Northeast China. <i>Iranian Journal of Public Health</i> , 2017, 46, 1038-1045.	0.3	6
70	Knockdown of Nogo gene by short hairpin RNA interference promotes functional recovery of spinal cord injury in a rat model. <i>Molecular Medicine Reports</i> , 2016, 13, 4431-4436.	1.1	11
71	Bone morphogenetic protein-2 sustained delivery by hydrogels with microspheres repairs rabbit mandibular defects. <i>Tissue Engineering and Regenerative Medicine</i> , 2016, 13, 750-761.	1.6	23
72	Inhibition of TLR4 signaling by <i>Brucella</i> TIR-containing protein TcpB-derived decoy peptides. <i>International Journal of Medical Microbiology</i> , 2016, 306, 391-400.	1.5	13

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73	A novel recombinant multi-epitope protein against <i>Brucella melitensis</i> infection. <i>Immunology Letters</i> , 2016, 175, 1-7.	1.1	25
74	Increased histone deacetylase activity in peripheral blood mononuclear cells of patients with schizophrenia. <i>Psychiatry Research</i> , 2016, 245, 105-107.	1.7	4
75	A novel multi-epitope recombined protein for diagnosis of human brucellosis. <i>BMC Infectious Diseases</i> , 2016, 16, 219.	1.3	35
76	<i>Brucella</i> TIR-like protein TcpB/Btp1 specifically targets the host adaptor protein MAL/TIRAP to promote infection. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 509-514.	1.0	15
77	Functional nucleic acid-based hydrogels for bioanalytical and biomedical applications. <i>Chemical Society Reviews</i> , 2016, 45, 1410-1431.	18.7	416
78	Curcumin upregulates S100 expression and improves regeneration of the sciatic nerve following its complete amputation in mice. <i>Neural Regeneration Research</i> , 2016, 11, 1304.	1.6	24
79	In Vitro Antitumor Activity of a Keggin Vanadium-Substituted Polyoxomolybdate and Its ctDNA Binding Properties. <i>Journal of Chemistry</i> , 2015, 2015, 1-6.	0.9	2
80	An ABA triblock copolymer strategy for intrinsically stretchable semiconductors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3599-3606.	2.7	93
81	Two pillared-helical-layer frameworks based on spiral chainlike metavanadate and $[M(\text{btx})]^{2+}$ complexes. <i>Journal of Coordination Chemistry</i> , 2015, 68, 743-751.	0.8	1
82	Effect of honokiol on exotoxin proteins listeriolysin O and p60 secreted by <i>Listeria monocytogenes</i> . <i>Journal of Medical Microbiology</i> , 2015, 64, 1474-1480.	0.7	1
83	Pharmacokinetics of Anti-HBV Polyoxometalate in Rats. <i>PLoS ONE</i> , 2014, 9, e98292.	1.1	12
84	Self-assembly of a 3-D self-catenated framework based on $[V_4O_{12}]^{4-}$ polyoxoanions and cobalt-organic polymer. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1228-1237.	0.8	4
85	Facile method for CLSM imaging unfunctionalized Au nanoparticles through fluorescent channels. <i>Journal of Nanoparticle Research</i> , 2009, 11, 1219-1225.	0.8	14
86	A 3-D pillar-layered coordination polymer $\{[EuCu(C_2O_4)(na)_2] \cdot 2H_2O\}_n$: synthesis, structure and photoluminescent properties. <i>Journal of Coordination Chemistry</i> , 2008, 61, 2876-2883.	0.8	7
87	Synthesis, crystal structure and magnetic properties of 2D bi-layered coordination polymer. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1641-1647.	0.8	5
88	A new inorganic-organic hybrid compound constructed from polyoxoanions and rare earth coordination complexes. <i>Transition Metal Chemistry</i> , 2006, 31, 770-775.	0.7	8
89	Synthesis, structural characterization and biological activity of polyoxometallate-containing protonated amantadine as a cation. <i>Journal of Coordination Chemistry</i> , 2004, 57, 715-721.	0.8	12
90	Heteropolymolybdate-amine amino acid complexes: synthesis, characterization and biological activity. <i>Journal of Coordination Chemistry</i> , 2004, 57, 1309-1319.	0.8	32