

Li-Shi Wang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8613015/li-shi-wang-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

1,640
citations

21
h-index

36
g-index

89
ext. papers

1,919
ext. citations

5.3
avg, IF

5.14
L-index

#	Paper	IF	Citations
86	Oxygen-rich bismuth oxyhalides: generalized one-pot synthesis, band structures and visible-light photocatalytic properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 22840		225
85	Synthesis and characterization of WO ₃ /titanate nanotubes nanocomposite with enhanced photocatalytic properties. <i>Journal of Alloys and Compounds</i> , 2009 , 470, 486-491	5.7	83
84	Preparation and characterization of CdS nanoparticles decorated into titanate nanotubes and their photocatalytic properties. <i>Nanotechnology</i> , 2008 , 19, 015706	3.4	71
83	Fast and selective detection of mercury ions in environmental water by paper-based fluorescent sensor using boronic acid functionalized MoS quantum dots. <i>Journal of Hazardous Materials</i> , 2020 , 381, 120969	12.8	61
82	Label-Free Simultaneous Analysis of Fe(III) and Ascorbic Acid Using Fluorescence Switching of Ultrathin Graphitic Carbon Nitride Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26118-26127	9.5	59
81	Variations in Surface Morphologies, Properties, and Electrochemical Responses to Nitro-Analyte by Controlled Electropolymerization of Thiophene Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 11319-11327	9.5	53
80	Coupling of acetonitrile deproteinization and salting-out extraction with acetonitrile stacking in chiral capillary electrophoresis for the determination of warfarin enantiomers. <i>Journal of Chromatography A</i> , 2011 , 1218, 4045-51	4.5	52
79	Self-cleaned electrochemical protein imprinting biosensor basing on a thermo-responsive memory hydrogel. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 136-141	11.8	50
78	Simultaneous electrochemical determination of nitrophenol isomers with the polyfurfural film modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 743, 105-111	4.1	43
77	Mass production of tunable multicolor graphene quantum dots from an energy resource of coke by a one-step electrochemical exfoliation. <i>Carbon</i> , 2018 , 140, 508-520	10.4	40
76	A highly sensitive metronidazole sensor based on a Pt nanospheres/polyfurfural film modified electrode. <i>RSC Advances</i> , 2017 , 7, 535-542	3.7	34
75	Near-infrared light-responsive electrochemical protein imprinting biosensor based on a shape memory conducting hydrogel. <i>Biosensors and Bioelectronics</i> , 2019 , 131, 156-162	11.8	34
74	Rethinking Co(CO ₃) _{0.5} (OH)·1.1H ₂ O: a new property for highly selective electrochemical reduction of carbon dioxide to methanol in aqueous solution. <i>Green Chemistry</i> , 2018 , 20, 2967-2972	10	34
73	Boosting CHOH Production in Electrocatalytic CO Reduction over Partially Oxidized 5 nm Cobalt Nanoparticles Dispersed on Single-Layer Nitrogen-Doped Graphene. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 44403-44414	9.5	34
72	MIPs-graphene nanoplatelets-MWCNTs modified glassy carbon electrode for the determination of cardiac troponin I. <i>Analytical Biochemistry</i> , 2017 , 520, 9-15	3.1	32
71	Nanosized Difunctional Photo Responsive Magnetic Imprinting Polymer for Electrochemically Monitored Light-Driven Paracetamol Extraction. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44114-44123	9.5	31
70	Study on the polyfurfural film modified glassy carbon electrode and its application in polyphenols determination. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 687, 25-29	4.1	30

69	A novel sonochemical synthesis and nanostructured assembly of polyvinylpyrrolidone-capped CdS colloidal nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 2993-3000	3.9	30
68	Electrochemical study of methylene blue/titanate nanotubes nanocomposite and its layer-by-layer assembly multilayer films. <i>Journal of Solid State Electrochemistry</i> , 2008 , 12, 1159-1166	2.6	24
67	Ultrasensitive electrochemical determination of Ponceau 4R with a novel MnO_2 microspheres/chitosan modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2016 , 206, 176-183	6.7	24
66	Near-infrared quantum dots based fluorescent assay of Cu^{2+} and in vitro cellular and in vivo imaging. <i>Sensors and Actuators B: Chemical</i> , 2016 , 234, 641-647	8.5	22
65	Metallic nanocrystallites-incorporated ordered mesoporous carbon as labels for a sensitive simultaneous multianalyte electrochemical immunoassay. <i>Biosensors and Bioelectronics</i> , 2015 , 73, 71-78	11.8	21
64	Ag nanoparticles decorated into metal-organic framework (Ag NPs/ZIF-8) for electrochemical sensing of chloride ion. <i>Nanotechnology</i> , 2020 , 31, 125601	3.4	21
63	Co_3O_4 supported on N, P-doped carbon as a bifunctional electrocatalyst for oxygen reduction and evolution reactions. <i>Chinese Journal of Catalysis</i> , 2016 , 37, 1249-1256	11.3	21
62	A dual-emission water-soluble g-C $_3\text{N}_4$ @AuNCs-based fluorescent probe for label-free and sensitive analysis of trace amounts of ferrous (II) and copper (II) ions. <i>Sensors and Actuators B: Chemical</i> , 2020 , 309, 127766	8.5	19
61	Single Organic Droplet Collision Voltammogram via Electron Transfer Coupled Ion Transfer. <i>Analytical Chemistry</i> , 2017 , 89, 9284-9291	7.8	19
60	Glassy Carbon Electrode Modified with Citrate Stabilized Gold Nanoparticles for Sensitive Arsenic (III) Detection. <i>Analytical Letters</i> , 2012 , 45, 1184-1196	2.2	19
59	Synthesis, characterization and the electrocatalytic application of prussian blue/titanate nanotubes nanocomposite. <i>Solid State Sciences</i> , 2010 , 12, 1764-1769	3.4	19
58	High sensitivity chlorogenic acid detection based on multiple layer-by-layer self-assembly films of chitosan and multi-walled carbon nanotubes on a glassy carbon electrode. <i>RSC Advances</i> , 2017 , 7, 6950-6956	3.7	18
57	A renewable, flexible and robust single layer nitrogen-doped graphene coating Sn foil for boosting formate production from electrocatalytic CO_2 reduction. <i>Journal of CO_2 Utilization</i> , 2019 , 33, 166-170	7.6	18
56	Polyfurfural film modified glassy carbon electrode for highly sensitive nifedipine determination. <i>Electrochimica Acta</i> , 2015 , 186, 465-470	6.7	18
55	A nanospherical conjugated microporous polymer-graphene nanosheets modified molecularly imprinted electrochemical sensor for high sensitivity detection of β -synuclein. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 862, 113994	4.1	18
54	Boronic acid-functionalized molybdenum disulfide quantum dots for the ultrasensitive analysis of dopamine based on synergistic quenching effects from IFE and aggregation. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2799-2807	7.3	17
53	Preparation of Gas-Responsive Imprinting Hydrogel and Their Gas-Driven Switchable Affinity for Target Protein Recognition. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 24363-24369	9.5	16
52	Coordination matrix/signal amplifier strategy for simultaneous electrochemical determination of cadmium(II), lead(II), copper(II), and mercury(II) ions based on polyfurfural film/multi-walled carbon nanotube modified electrode. <i>RSC Advances</i> , 2017 , 7, 28556-28563	3.7	16

51	Nanomaterial ink for on-site painted sensor on studies of the electrochemical detection of organophosphorus pesticide residuals of supermarket vegetables. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 841, 45-50	4.1	15
50	A fast and simple electrochemical impedance spectroscopy measurement technique and its application in portable, low-cost instrument for impedimetric biosensing. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 657, 158-163	4.1	15
49	A highly sensitive morin sensor based on PEDTAu/rGO nanocomposites modified glassy carbon electrode. <i>RSC Advances</i> , 2017 , 7, 47781-47788	3.7	14
48	A simultaneous study of kinetics and thermodynamics of anion transfer across the liquid/liquid interface by means of Fourier transformed large-amplitude square-wave voltammetry at three-phase electrode. <i>Langmuir</i> , 2010 , 26, 19209-16	4	14
47	Estimation of the kinetics of anion transfer across the liquid/liquid interface, by means of Fourier transformed square-wave voltammetry. <i>Electrochemistry Communications</i> , 2009 , 11, 1333-1336	5.1	14
46	An electro-responsive imprinted biosensor with switchable affinity toward proteins. <i>Chemical Communications</i> , 2018 , 54, 9163-9166	5.8	13
45	The ultrasonic electropolymerization of an 5-[o-(4-bromine amyloxy)phenyl]-10,15,20-triphenylporphrin (o-BrPETPP) film electrode and its electrocatalytic properties to dopamine oxidation in aqueous solution. <i>Electrochimica Acta</i> , 2008 , 53, 4156-4160	6.7	12
44	Mechanism studies of hydrazine electro-oxidation by a platinum ultramicroelectrode: Effects of supporting electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 818, 19-25	4.1	11
43	Synthesis of three-dimensional (3D) hierarchical titanate nanoarchitectures from Ti particles and their photocatalytic degradation of tetracycline hydrochloride under visible-light irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 6934-40	1.3	10
42	Preparation and Characterization of the Fluorescent Carbon Dots Derived from the Lithium-Intercalated Graphite used for Cell Imaging. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 771-777	3.1	10
41	Glassy carbon electrode modified with organic/organic pillared montmorillonites for voltammetric detection of mercury. <i>Mikrochimica Acta</i> , 2011 , 172, 335-341	5.8	10
40	An Experimental Investigation of Quasireversible Maximum of Azobenzene on Mercury Electrode by Fourier Transformed Square-Wave Voltammetry. <i>Electroanalysis</i> , 2009 , 21, 755-761	3	10
39	Method of evaluation of electron transfer kinetics of a surface-confined redox system by means of Fourier transformed square wave voltammetry. <i>Analytical Chemistry</i> , 2008 , 80, 5666-70	7.8	10
38	Simultaneous Determination of Ascorbic Acid and Dopamine at Electropolymerized Manganese(III) 5-[o-(1-imidazole butoxy) phenyl]-10,15,20-triphenylporphrine Chloride Film-modified Glass Carbon Electrode. <i>Chinese Journal of Analytical Chemistry</i> , 2006 , 34, 637-641	1.6	10
37	High sensitivity simultaneous determination of myricetin and rutin using a polyfurfural film modified glassy carbon electrode. <i>RSC Advances</i> , 2016 , 6, 95435-95441	3.7	10
36	Experimental and finite element method studies for femtomolar cobalt ion detection using a DHI modified nanochannel. <i>Analyst, The</i> , 2019 , 144, 6118-6127	5	9
35	Design, synthesis and application of carboxylic multi-walled carbon nanotubes/tetrahexahedral platinum nanocrystals nanocomposites biosensor for simultaneous determination of guanine and adenine in DNA. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 801, 536-544	4.1	9
34	Direct Electrocatalytic Oxidation and Simultaneous Determination of 5-Methylcytosine and Cytosine at Electrochemically Reduced Graphene Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2013 , 25, 1697-1705	3	9

33	Sensitive electrochemical detection of gp120 based on the combination of NBD-556 and gp120. <i>Talanta</i> , 2019 , 196, 486-492	6.2	9
32	Voltammetric and microscopical investigation of the properties and behaviors of individual mercury micro-droplets. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 784, 145-152	4.1	8
31	Effect of forced convection on the collision and interaction between nanoparticles and ultramicroelectrode. <i>Journal of Colloid and Interface Science</i> , 2016 , 467, 158-164	9.3	8
30	Improved performance of cobalt-based spinel by the simple solvothermal method as electrocatalyst for oxygen reduction reaction in alkaline solution. <i>Ionics</i> , 2016 , 22, 1425-1432	2.7	8
29	Effect of Morphology of γ -MnO ₂ on Hydrogen Peroxide Sensing. <i>ChemistrySelect</i> , 2019 , 4, 4035-4043	1.8	7
28	Detection and FEM studies of dichromate (Cr ₂ O ₇ ²⁻) by allyltriethoxysilane modified nanochannel. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 858, 113818	4.1	7
27	A Versatile System for Arbitrary Function Large-Amplitude Fourier Transformed Voltammetry. <i>Electroanalysis</i> , 2007 , 19, 1421-1428	3	7
26	Electrochemical Behavior of Deoxycholic Acid on Multiwalled Carbon Nanotubes Modified Electrode. <i>Electroanalysis</i> , 2006 , 18, 2385-2388	3	7
25	Enhancing the analytical selectivity of voltammetric technique by the combination of harmonic analysis and "fingerprint" phase angle lock-in detection. <i>Analytical Chemistry</i> , 2013 , 85, 83-90	7.8	6
24	Preparation, characterization and the electrogenerated chemiluminescence behavior of WO ₃ nanocrystals. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 9901-9905	5.7	5
23	An Impedance Molecularly Imprinted Sensor for the Detection of Bovine Serum Albumin (BSA) Using the Dynamic Electrochemical Impedance Spectroscopy. <i>Electroanalysis</i> , 2020 , 32, 923-930	3	5
22	A Fourier Transform-Induced Data Process for Label-Free Selective Nanopore Analysis under Sinusoidal Voltage Excitations. <i>Analytical Chemistry</i> , 2020 , 92, 11635-11643	7.8	5
21	Facile electrochemical method and corresponding automated instrument for the detection of furfural in insulation oil. <i>Talanta</i> , 2016 , 148, 412-8	6.2	4
20	Approach for discrimination and quantification of electroactive species: kinetics difference revealed by higher harmonics of Fourier transformed sinusoidal voltammetry. <i>Analytical Chemistry</i> , 2015 , 87, 448-56	7.8	4
19	DNA intrastrand cross-links induced by the purine-type deoxyguanosine-8-yl radical: a DFT study. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 16621-16628	3.6	3
18	A Convenient Approach to Constructing Superhydrophobic Paper Sensor for Gas Detection with High Immunity to Humidity. <i>Nano</i> , 2020 , 15, 2050091	1.1	3
17	Formation of pyrimidine-pyrimidine type DNA intrastrand cross-links: a theoretical verification. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 28907-28916	3.6	2
16	An Electropolymerized Molecularly Imprinted Electrochemical Sensor for the Selective Determination of Bisphenol A Diglycidyl Ether. <i>ChemistrySelect</i> , 2020 , 5, 3574-3580	1.8	2

15	A Label-Free Electrochemical Immunosensor for Clostridium Difficile Toxin B Based on One-Step Immobilization of Thionine in a Silica Matrix. <i>Analytical Letters</i> , 2014 , 47, 2255-2265	2.2	2
14	Electrochemical Determination of Hydrogen Peroxide and Glucose by Titanium(IV) Oxide Nanotube Arrays. <i>Analytical Letters</i> , 2015 , 48, 1698-1706	2.2	1
13	Effects of Interfacial Properties of a Surface Modified Surface Plasmon Resonance Chip on Protein Immobilization Performance. <i>Analytical Sciences</i> , 2017 , 33, 481-486	1.7	1
12	Ion Transfer-Resolved Fusion Impacts of Single Droplets Probed at the Liquid/Liquid Interface. <i>Analytical Chemistry</i> , 2020 , 92, 15394-15402	7.8	1
11	A Highly Sensitive Determination of Parathion Pesticide by Solid-Phase Extraction on a Silicon Carbide Nanoparticles Modified Electrode. <i>ChemistrySelect</i> , 2018 , 3, 11510-11516	1.8	1
10	Electrochemical Polymerization Induced Chirality Fixation of Crystalline Pillararene-Based Polymer and Its Application in Interfacial Chiral Sensing. <i>Analytical Chemistry</i> , 2021 , 93, 9965-9969	7.8	1
9	Confined Synthesis of Silver Wire at the Nanopipette-Liquid/Liquid Interface. <i>Langmuir</i> , 2021 , 37, 10741-10749	4.1	1
8	One-Dimensional Nanowire Hybrids Constructed from Silver Nanowire and Carboxylic Multi-Walled Carbon Nanotubes for Electrochemical Simultaneous Determination of Guanine and Adenine. <i>ChemistrySelect</i> , 2018 , 3, 8514-8521	1.8	0
7	A ferrocene-linked metal-covalent organic polymer as a peroxidase-enzyme mimic for dual channel detection of hydrogen peroxide. <i>Analyst, The</i> , 2021 , 146, 487-494	5	0
6	Ion Selective Detection Based on the Nuances of the Kinetic Fingerprint for Ion Transfer at Soft Interfaces. <i>Analytical Chemistry</i> , 2021 , 93, 3353-3361	7.8	0
5	Graphitic Carbon Nitride Quantum Dots in Dual-Mode Fluorescence Switching Platforms for Trace Analysis of Ag(I) and L-Cysteine. <i>ACS Applied Nano Materials</i> , 2022 , 5, 4230-4240	5.6	0
4	A Nanopipette Supported Oil/Water Interface Sensor for the Kinetics Analysis and Determination of Phenothiazine Derivatives. <i>Electrochimica Acta</i> , 2022 , 423, 140568	6.7	0
3	Mechanism studies of addition reactions between the pyrimidine type radicals and their 3Q neighboring deoxyguanosines.. <i>RSC Advances</i> , 2018 , 8, 2777-2785	3.7	0
2	A Novel Electrochemiluminescence Sensor Based on Titanate Nanotubes with Excellent Adsorption Capability Towards Ru(bpy) ₃ ²⁺ . <i>Analytical Letters</i> , 2011 , 44, 1217-1225	2.2	0
1	Polythionine Coated on Au/Co ₃ O ₄ Enhances the Performance for Hydrogen Evolution Reaction. <i>Nano</i> , 2021 , 16, 2150055	1.1	0