

Cheng-Yong Li

List of Publications by Year in descending order

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66
papers

1,867
citations

257450

24
h-index

289244

40
g-index

67
all docs

67
docs citations

67
times ranked

1970
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined effects of copper and microplastics on physiological parameters of <i>Tubastrea aurea</i> corals. <i>Environmental Science and Pollution Research</i> , 2022, 29, 14393-14399.	5.3	7
2	Microplastics accumulation in mangroves increasing the resistance of its colonization <i>Vibrio</i> and <i>Shewanella</i> . <i>Chemosphere</i> , 2022, 295, 133861.	8.2	11
3	Impact of the surrounding environment on antibiotic resistance genes carried by microplastics in mangroves. <i>Science of the Total Environment</i> , 2022, 837, 155771.	8.0	17
4	Synergistic Effect of Electrostatic Interaction and Ionic Dehydration on Asymmetric Ion Transport in Nanochannel/Ion Channel Composite Membrane. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5267-5274.	4.6	10
5	Chemotaxis-selective colonization of mangrove rhizosphere microbes on nine different microplastics. <i>Science of the Total Environment</i> , 2021, 752, 142223.	8.0	69
6	Comparison of Short- and Long-Term Toxicity of Microplastics with Different Chemical Constituents on Button Polyps. (<i>Protospalythoa</i> sp.). <i>ACS Earth and Space Chemistry</i> , 2021, 5, 12-22.	2.7	17
7	Challenge for the detection of microplastics in the environment. <i>Water Environment Research</i> , 2021, 93, 5-15.	2.7	89
8	Effects of acute microplastic exposure on physiological parameters in <i>Tubastrea aurea</i> corals. <i>Marine Pollution Bulletin</i> , 2021, 165, 112173.	5.0	34
9	Phthalic acid esters degradation by a novel marine bacterial strain <i>Mycolicibacterium phocaicum</i> RL-HY01: Characterization, metabolic pathway and bioaugmentation. <i>Science of the Total Environment</i> , 2021, 791, 148303.	8.0	27
10	Effects of Microplastics Exposure on the <i>Acropora</i> sp. Antioxidant, Immunization and Energy Metabolism Enzyme Activities. <i>Frontiers in Microbiology</i> , 2021, 12, 666100.	3.5	17
11	Effects of dexamethasone on the morphology, gene expression and hepatic histology in adult female mosquitofish (<i>Gambusia affinis</i>). <i>Chemosphere</i> , 2021, 274, 129797.	8.2	8
12	Do polystyrene nanoplastics aggravate the toxicity of single contaminants (okadaic acid)? Using AGS cells as a biological model. <i>Environmental Science: Nano</i> , 2021, 8, 3186-3201.	4.3	7
13	Nanoplastics aggravate the toxicity of arsenic to AGS cells by disrupting ABC transporter and cytoskeleton. <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112885.	6.0	27
14	Preparation of hollow tubular TpBD COF and pod-like ZIF-8/H-TpBD COF tubes using a porous anodic aluminum oxide membrane as template. <i>RSC Advances</i> , 2021, 11, 38293-38296.	3.6	3
15	Comparison of an angiotensin-converting enzyme inhibitory peptide from tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /O digestion and a molecular docking study. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 315-324.	3.5	53
16	In Situ Growth Visualization Nanochannel Membrane for Ultrasensitive Copper Ion Detection under the Electric Field Enrichment. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4849-4858.	8.0	19
17	Trehalose against UVB-induced skin photoaging by suppressing MMP expression and enhancing procollagen I synthesis in HaCaT cells. <i>Journal of Functional Foods</i> , 2020, 74, 104198.	3.4	29
18	Detection of Aflatoxin B1 Based on a Porous Anodized Aluminum Membrane Combined with Surface-Enhanced Raman Scattering Spectroscopy. <i>Nanomaterials</i> , 2020, 10, 1000.	4.1	24

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19	Mechanism Analysis of a Novel Angiotensin-I-Converting Enzyme Inhibitory Peptide from <i>Isochrysis zhanjiangensis</i> Microalgae for Suppressing Vascular Injury in Human Umbilical Vein Endothelial Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4411-4423.	5.2	33
20	Investigating the composition and distribution of microplastics surface biofilms in coral areas. <i>Chemosphere</i> , 2020, 252, 126565.	8.2	88
21	The Complex Toxicity of Tetracycline with Polystyrene Spheres on Gastric Cancer Cells. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2808.	2.6	19
22	In situ surface-enhanced Raman spectroscopy for detecting microplastics and nanoplastics in aquatic environments. <i>Science of the Total Environment</i> , 2020, 728, 138449.	8.0	165
23	Hydrophobic Magnetic Porous Material of <i>Eichhornia crassipes</i> for Highly Efficient Oil Adsorption and Separation. <i>ACS Omega</i> , 2020, 5, 9920-9928.	3.5	12
24	Bioremediation of di-(2-ethylhexyl) phthalate contaminated red soil by <i>Gordonia terrae</i> RL-JC02: Characterization, metabolic pathway and kinetics. <i>Science of the Total Environment</i> , 2020, 733, 139138.	8.0	42
25	Preparation of Micro-Nano Material Composed of Oyster Shell/Fe ₃ O ₄ Nanoparticles/Humic Acid and Its Application in Selective Removal of Hg(II). <i>Nanomaterials</i> , 2019, 9, 953.	4.1	15
26	Boiled Abalone Byproduct Peptide Exhibits Anti-Tumor Activity in HT1080 Cells and HUVECs by Suppressing the Metastasis and Angiogenesis <i>in Vitro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8855-8867.	5.2	21
27	In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced Hypertensive Endothelial Injury in HUVEC by Nrf2/NF- κ B Pathways. <i>Marine Drugs</i> , 2019, 17, 431.	4.6	16
28	Potential Application of Nitrogen-Doped Carbon Quantum Dots Synthesized by a Solvothermal Method for Detecting Silver Ions in Food Packaging. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2518.	2.6	15
29	High Sensitivity Detection of Copper Ions in Oysters Based on the Fluorescence Property of Cadmium Selenide Quantum Dots. <i>Chemosensors</i> , 2019, 7, 47.	3.6	9
30	A simple method for detecting and quantifying microplastics utilizing fluorescent dyes - Safranin T, fluorescein isophosphate, Nile red based on thermal expansion and contraction property. <i>Environmental Pollution</i> , 2019, 255, 113283.	7.5	86
31	A Peptide YGDEY from Tilapia Gelatin Hydrolysates Inhibits UVB-mediated Skin Photoaging by Regulating MMP-1 and MMP-9 Expression in HaCaT Cells. <i>Photochemistry and Photobiology</i> , 2019, 95, 1424-1432.	2.5	39
32	In Situ Growth of Ultrasmall Nanochannels in Porous Anodized Aluminum Membrane and Applied in Detection of Lead Ion. <i>Analytical Chemistry</i> , 2019, 91, 8184-8191.	6.5	22
33	Recognition of plastic nanoparticles using a single gold nanopore fabricated at the tip of a glass nanopipette. <i>Chemical Communications</i> , 2019, 55, 6397-6400.	4.1	40
34	Effects of Strontium-Hydroxyapatite Mediated Active Compounds from Hippocampus Kuda Bleeler (HKB) on Osteogenesis. <i>Coatings</i> , 2019, 9, 141.	2.6	2
35	A Novel Peptide from Abalone (<i>Haliotis discus hannai</i>) to Suppress Metastasis and Vasculogenic Mimicry of Tumor Cells and Enhance Anti-Tumor Effect <i>In Vitro</i> . <i>Marine Drugs</i> , 2019, 17, 244.	4.6	19
36	Surface Enhanced Raman Spectroscopy Detection of Sodium Thiocyanate in Milk Based on the Aggregation of Ag Nanoparticles. <i>Sensors</i> , 2019, 19, 1363.	3.8	21

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37	2â€²-Hydroxy-5â€²-methoxyacetophenone attenuates the inflammatory response in LPS-induced BV-2 and RAW264.7 cells via NF-Î²B signaling pathway. <i>Journal of Neuroimmunology</i> , 2019, 330, 143-151.	2.3	7
38	Ultrasensitive detection of microRNA using an array of Au nanowires deposited within the channels of a porous anodized alumina membrane. <i>Electrochemistry Communications</i> , 2019, 102, 19-24.	4.7	8
39	Ecofriendly and Biodegradable Soybean Protein Isolate Films Incorporated with ZnO Nanoparticles for Food Packaging. <i>ACS Applied Bio Materials</i> , 2019, 2, 2202-2207.	4.6	42
40	Preventive Effect of YGDEY from Tilapia Fish Skin Gelatin Hydrolysates against Alcohol-Induced Damage in HepG2 Cells through ROS-Mediated Signaling Pathways. <i>Nutrients</i> , 2019, 11, 392.	4.1	22
41	Antiphotoreaging effect of boiled abalone residual peptide ATPGDEG on UVB-induced keratinocyte HaCaT cells. <i>Food and Nutrition Research</i> , 2019, 63, .	2.6	18
42	Mussel-inspired fabrication of porous anodic alumina nanochannels and a graphene oxide interfacial ionic rectification device. <i>Chemical Communications</i> , 2018, 54, 3122-3125.	4.1	15
43	LABEL-FREE DETECTION OF Pb ²⁺ USING SPECIFIC DNAZYME AND UNMODIFIED Au NANOPARTICLE PROBE. <i>Surface Review and Letters</i> , 2018, 25, 1850073.	1.1	0
44	1-(5-Bromo-2-hydroxy-4-methoxyphenyl)ethanone [SE1] Inhibits MMP-9 Expression by Regulating NF- κ B and MAPKs Signaling Pathways in HT1080 Human Fibrosarcoma Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	1.2	1
45	Degradable and Photocatalytic Antibacterial Au-TiO ₂ /Sodium Alginate Nanocomposite Films for Active Food Packaging. <i>Nanomaterials</i> , 2018, 8, 930.	4.1	57
46	A non-enzymatic uric acid sensor utilizing ion channels in the barrier layer of a porous anodic alumina membrane. <i>Electrochemistry Communications</i> , 2018, 96, 113-118.	4.7	12
47	Zein-Paclitaxel Prodrug Nanoparticles for Redox-Triggered Drug Delivery and Enhanced Therapeutic Efficiency. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11812-11822.	5.2	15
48	A Mercury Ion Electrochemical Sensor Based on Porous Anodized Alumina Membrane Nanochannels Modified with DNA. <i>Journal of the Electrochemical Society</i> , 2018, 165, H750-H755.	2.9	16
49	Detection of AFB1 via TiO ₂ Nanotubes/Au Nanoparticles/Enzyme Photoelectrochemical Biosensor. <i>Coatings</i> , 2018, 8, 90.	2.6	17
50	Electrochemical Determination of Nitrite by Au Nanoparticle/Graphene-Chitosan Modified Electrode. <i>Sensors</i> , 2018, 18, 1986.	3.8	38
51	A novel aflatoxin B1 biosensor based on a porous anodized alumina membrane modified with graphene oxide and an aflatoxin B1 aptamer. <i>Electrochemistry Communications</i> , 2018, 95, 9-13.	4.7	48
52	Significantly Accelerated Osteoblast Cell Growth on TiO ₂ /SrHA Composite Mediated by Phenolic Compounds (BHM) from <i>Hippocamp</i> <i>us kuda</i> . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30214-30226.	8.0	15
53	Changes in the myosin secondary structure and shrimp surimi gel strength induced by dense phase carbon dioxide. <i>Food Chemistry</i> , 2017, 227, 219-226.	8.2	59
54	Novel low temperature ($37\text{ }^{\circ}\text{C}$) chitosan hydrogel fabrication under the synergistic effect of graphene oxide. <i>New Journal of Chemistry</i> , 2017, 41, 671-676.	2.8	11

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55	An Intelligent Label for Freshness of Fish Based on a Porous Anodic Aluminum Membrane and Bromocresol Green. <i>ChemistrySelect</i> , 2017, 2, 8779-8784.	1.5	7
56	Quantitative Label-Free <i>Listeria</i> Analysis Based On Aptamer Modified Nanoporous Sensor. <i>ACS Sensors</i> , 2016, 1, 965-969.	7.8	26
57	A GRAPHENE/ENZYME-BASED ELECTROCHEMICAL SENSOR FOR SENSITIVE DETECTION OF ORGANOPHOSPHORUS PESTICIDES. <i>Surface Review and Letters</i> , 2016, 23, 1550103.	1.1	15
58	Propagation of Concentration Polarization Affecting Ions Transport in Branching Nanochannel Array. <i>Analytical Chemistry</i> , 2015, 87, 8194-8202.	6.5	41
59	A novel biomimetic logic gate for sensitive and selective detection of Pb(II) base on porous alumina nanochannels. <i>Electrochemistry Communications</i> , 2015, 60, 83-87.	4.7	25
60	Mussel-inspired synthesis of polydopamine-functionalized calcium carbonate as reusable adsorbents for heavy metal ions. <i>RSC Advances</i> , 2014, 4, 47848-47852.	3.6	32
61	A stochastic route to simulate the growth of porous anodic alumina. <i>RSC Advances</i> , 2014, 4, 45074-45081.	3.6	4
62	Solution pH regulating mass transport in highly ordered nanopore array electrode. <i>Electrochemistry Communications</i> , 2014, 42, 1-5.	4.7	20
63	Solution pH Modulated Rectification of Ionic Current in Highly Ordered Nanochannel Arrays Patterned with Chemical Functional Groups at Designed Positions. <i>Advanced Functional Materials</i> , 2013, 23, 3836-3844.	14.9	125
64	A nanochannel array based device for determination of the isoelectric point of confined proteins. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9460.	2.8	28
65	SYNTHESIS AND CHARACTERIZATION OF Fe NANOWIRE ARRAYS BY AC ELECTRODEPOSITION IN PAMs. <i>Surface Review and Letters</i> , 2010, 17, 419-423.	1.1	6
66	FABRICATION OF ALUMINA NANOWIRES FROM POROUS ALUMINA MEMBRANES BY ETCHING IN PHOSPHORIC ACID SOLUTION. <i>Surface Review and Letters</i> , 2009, 16, 73-78.	1.1	5