

# Cheng-Yong Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7189811/publications.pdf>

Version: 2024-02-01

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	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
2	Solution-Phase-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
3	Challenge for the detection of microplastics in the environment. <i>Water Environment Research</i> , 2021, 93, 5-15.	2.7	89
4	Investigating the composition and distribution of microplastics surface biofilms in coral areas. <i>Chemosphere</i> , 2020, 252, 126565.	8.2	88
5	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
6	Chemotaxis-selective colonization of mangrove rhizosphere microbes on nine different microplastics. <i>Science of the Total Environment</i> , 2021, 752, 142223.	8.0	69
7	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
8	Degradable and Photocatalytic Antibacterial Au-TiO <sub>2</sub> /Sodium Alginate Nanocomposite Films for Active Food Packaging. <i>Nanomaterials</i> , 2018, 8, 930.	4.1	57
9	Comparison of an angiotensin-converting enzyme inhibitory peptide from tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Oreochromis digestion and a molecular docking study. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 315-324.	3.5	53
10	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
11	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
12	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
13	Propagation of Concentration Polarization Affecting Ions Transport in Branching Nanochannel Array. <i>Analytical Chemistry</i> , 2015, 87, 8194-8202.	6.5	41
14	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
15	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
16	Electrochemical Determination of Nitrite by Au Nanoparticle/Graphene-Chitosan Modified Electrode. <i>Sensors</i> , 2018, 18, 1986.	3.8	38
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	Quantitative Label-Free <i>Listeria</i> Analysis Based On Aptamer Modified Nanoporous Sensor. <i>ACS Sensors</i> , 2016, 1, 965-969.	7.8	26
25	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
26	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
27	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
28	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
29	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
30	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
31	Solution pH regulating mass transport in highly ordered nanopore array electrode. <i>Electrochemistry Communications</i> , 2014, 42, 1-5.	4.7	20
32	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
33	In Situ Growth Visualization Nanochannel Membrane for Ultrasensitive Copper Ion Detection under the Electric Field Enrichment. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4849-4858.	8.0	19
34	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
35	Antiphotaging effect of boiled abalone residual peptide ATPGDEG on UVB-induced keratinocyte HaCaT cells. <i>Food and Nutrition Research</i> , 2019, 63, .	2.6	18
36	Detection of AFB1 via TiO2 Nanotubes/Au Nanoparticles/Enzyme Photoelectrochemical Biosensor. <i>Coatings</i> , 2018, 8, 90.	2.6	17

#	ARTICLE	IF	CITATIONS
37	Comparison of Short- and Long-Term Toxicity of Microplastics with Different Chemical Constituents on Button Polyps. ( <i>Protospalythoa</i> sp.). ACS Earth and Space Chemistry, 2021, 5, 12-22.	2.7	17
38	Effects of Microplastics Exposure on the Acropora sp. Antioxidant, Immunization and Energy Metabolism Enzyme Activities. Frontiers in Microbiology, 2021, 12, 666100.	3.5	17
39	Impact of the surrounding environment on antibiotic resistance genes carried by microplastics in mangroves. Science of the Total Environment, 2022, 837, 155771.	8.0	17
40	A Mercury Ion Electrochemical Sensor Based on Porous Anodized Alumina Membrane Nanochannels Modified with DNA. Journal of the Electrochemical Society, 2018, 165, H750-H755.	2.9	16
41	In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced Hypertensive Endothelial Injury in HUVEC by Nrf2/NF- $\kappa$ B Pathways. Marine Drugs, 2019, 17, 431.	4.6	16
42	A GRAPHENE/ENZYME-BASED ELECTROCHEMICAL SENSOR FOR SENSITIVE DETECTION OF ORGANOPHOSPHORUS PESTICIDES. Surface Review and Letters, 2016, 23, 1550103.	1.1	15
43	Mussel-inspired fabrication of porous anodic alumina nanochannels and a graphene oxide interfacial ionic rectification device. Chemical Communications, 2018, 54, 3122-3125.	4.1	15
44	Zein-Paclitaxel Prodrug Nanoparticles for Redox-Triggered Drug Delivery and Enhanced Therapeutic Efficiency. Journal of Agricultural and Food Chemistry, 2018, 66, 11812-11822.	5.2	15
45	Significantly Accelerated Osteoblast Cell Growth on TiO <sub>2</sub> /SrHA Composite Mediated by Phenolic Compounds (BHM) from <i>Hippocampus kuda</i> Bleeker. ACS Applied Materials & Interfaces, 2018, 10, 30214-30226.	8.0	15
46	Preparation of Micro-Nano Material Composed of Oyster Shell/Fe <sub>3</sub> O <sub>4</sub> Nanoparticles/Humic Acid and Its Application in Selective Removal of Hg(II). Nanomaterials, 2019, 9, 953.	4.1	15
47	Potential Application of Nitrogen-Doped Carbon Quantum Dots Synthesized by a Solvothermal Method for Detecting Silver Ions in Food Packaging. International Journal of Environmental Research and Public Health, 2019, 16, 2518.	2.6	15
48	A non-enzymatic uric acid sensor utilizing ion channels in the barrier layer of a porous anodic alumina membrane. Electrochemistry Communications, 2018, 96, 113-118.	4.7	12
49	Hydrophobic Magnetic Porous Material of <i>Eichhornia crassipes</i> for Highly Efficient Oil Adsorption and Separation. ACS Omega, 2020, 5, 9920-9928.	3.5	12
50	Novel low temperature (<math>\approx 37\text{ }^\circ\text{C}</math>) chitosan hydrogel fabrication under the synergistic effect of graphene oxide. New Journal of Chemistry, 2017, 41, 671-676.	2.8	11
51	Microplastics accumulation in mangroves increasing the resistance of its colonization Vibrio and Shewanella. Chemosphere, 2022, 295, 133861.	8.2	11
52	Synergistic Effect of Electrostatic Interaction and Ionic Dehydration on Asymmetric Ion Transport in Nanochannel/Ion Channel Composite Membrane. Journal of Physical Chemistry Letters, 2022, 13, 5267-5274.	4.6	10
53	High Sensitivity Detection of Copper Ions in Oysters Based on the Fluorescence Property of Cadmium Selenide Quantum Dots. Chemosensors, 2019, 7, 47.	3.6	9
54	Ultrasensitive detection of microRNA using an array of Au nanowires deposited within the channels of a porous anodized alumina membrane. Electrochemistry Communications, 2019, 102, 19-24.	4.7	8

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	2-Hydroxy-5-methoxyacetophenone attenuates the inflammatory response in LPS-induced BV-2 and RAW264.7 cells via NF- $\kappa$ B signaling pathway. <i>Journal of Neuroimmunology</i> , 2019, 330, 143-151.	2.3	7
58	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
59	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
60	SYNTHESIS AND CHARACTERIZATION OF $\text{Fe}$ NANOWIRE ARRAYS BY AC ELECTRODEPOSITION IN PAMs. <i>Surface Review and Letters</i> , 2010, 17, 419-423.	1.1	6
61	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
62	A stochastic route to simulate the growth of porous anodic alumina. <i>RSC Advances</i> , 2014, 4, 45074-45081.	3.6	4
63	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
64	Effects of Strontium-Hydroxyapatite Mediated Active Compounds from Hippocampus Kuda Bleeler (HKB) on Osteogenesis. <i>Coatings</i> , 2019, 9, 141.	2.6	2
65	1-(5-Bromo-2-hydroxy-4-methoxyphenyl)ethanone [SEI] Inhibits MMP-9 Expression by Regulating NF- $\kappa$ 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
66	LABEL-FREE DETECTION OF $\text{Pb}^{2+}$ USING SPECIFIC DNAZYME AND UNMODIFIED Au NANOPARTICLE PROBE. <i>Surface Review and Letters</i> , 2018, 25, 1850073.	1.1	0