# Hong-Ye Li

List of Publications by Year
in descending order



| 298 | 9,600 | 31902 53 | 60497 81 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 304 | 304 | 304 | 9243 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Adsorption characteristics of acrylonitrile, p-toluenesulfonic acid, 1-naphthalenesulfonic acid and methyl blue on graphene in aqueous solutions. Chemical Engineering Journal, 2011, 173, 144-149. | 6.6 | 322 |
| 2 | Molecular and cellular mechanisms of neutral lipid accumulation in diatom following nitrogen deprivation. Biotechnology for Biofuels, 2013, 6, 67. | 6.2 | 296 |
| 3 | Genetic improvement of the microalga Phaeodactylum tricornutum for boosting neutral lipid accumulation. Metabolic Engineering, 2015, 27, 1-9. | 3.6 | 250 |
| 4 | Improvement of Neutral Lipid and Polyunsaturated Fatty Acid Biosynthesis by Overexpressing a Type 2 Diacylglycerol Acyltransferase in Marine Diatom Phaeodactylum tricornutum. Marine Drugs, 2013, 11, 4558-4569. | 2.2 | 229 |
| 5 | Genetic Bottlenecks Reduce Population Variation in an Experimental RNA Virus Population. Journal of Virology, 2004, 78, 10582-10587. | 1.5 | 186 |
| 6 | Effect of chitosan on incidence of brown rot, quality and physiological attributes of postharvest peach fruit. Journal of the Science of Food and Agriculture, 2001, 81, 269-274. | 1.7 | 179 |
| 7 | Arabidopsis Acyl-CoA-Binding Protein ACBP2 Interacts With an Ethylene-Responsive Element-Binding Protein, AtEBP, via its Ankyrin Repeats. Plant Molecular Biology, 2004, 54, 233-243. | 2.0 | 167 |
| 8 | Glucose-6-phosphate dehydrogenase as a target for highly efficient fatty acid biosynthesis in microalgae by enhancing NADPH supply. Metabolic Engineering, 2017, 41, 212-221. | 3.6 | 156 |
| 9 | Analysis of Genetic Bottlenecks during Horizontal Transmission of Cucumber Mosaic Virus. Journal of Virology, 2006, 80, 8345-8350. | 1.5 | 146 |
| 10 | Arabidopsis thaliana acylâ€CoAâ€binding protein ACBP2 interacts with heavyâ€metalâ€binding farnesylated protein AtFP6. New Phytologist, 2009, 181, 89-102. | 3.5 | 141 |
| 11 | Genetic Structure and Population Variability of Tomato Yellow Leaf Curl China Virus. Journal of Virology, 2007, 81, 5902-5907. | 1.5 | 120 |
| 12 | Colletotrichum species associated with cultivated citrus in China. Fungal Diversity, 2013, 61, 61-74. | 4.7 | 120 |
| 13 | Occurrence of plastidial triacylglycerol synthesis and the potential regulatory role of AGPAT in the model diatom Phaeodactylum tricornutum. Biotechnology for Biofuels, 2017, 10, 97. | 6.2 | 115 |
| 14 | Acyl-CoA-binding protein 2 binds lysophospholipase 2 and lysoPC to promote tolerance to cadmium-induced oxidative stress in transgenic Arabidopsis. Plant Journal, 2010, 62, no-no. | 2.8 | 114 |
| 15 | A type 2 diacylglycerol acyltransferase accelerates the triacylglycerol biosynthesis in heterokont oleaginous microalga Nannochloropsis oceanica. Journal of Biotechnology, 2016, 229, 65-71. | 1.9 | 113 |
| 16 | Proteomics to reveal metabolic network shifts towards lipid accumulation following nitrogen deprivation in the diatom Phaeodactylum tricornutum. Journal of Applied Phycology, 2014, 26, 73-82. | 1.5 | 112 |
| 17 | Ethylene- and pathogen-inducible Arabidopsis acyl-CoA-binding protein 4 interacts with an ethylene-responsive element binding protein. Journal of Experimental Botany, 2008, 59, 3997-4006. | 2.4 | 105 |
| 18 | Arabidopsis ACBP3 is an extracellularly targeted acyl-CoA-binding protein. Planta, 2006, 223, 871-881. | 1.6 | 101 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Molecular characterization of a glycerol-3-phosphate acyltransferase reveals key features essential for triacylglycerol production in Phaeodactylum tricornutum. Biotechnology for Biofuels, 2016, 9, 60. | 6.2 | 101 |
| 20 | Membrane localization of Arabidopsis acyl-CoA binding protein ACBP2. Plant Molecular Biology, 2003, 51, 483-492. | 2.0 | 95 |
| 21 | Single amino acid substitutions at the acyl-CoA-binding domain interrupt 14[C]palmitoyl-CoA binding of ACBP2, an Arabidopsis acyl-CoA-binding protein with ankyrin repeats. Plant Molecular Biology, 2000, 44, 711-721. | 2.0 | 94 |
| 22 | Antibacterial activity and mechanism of action of chitosan solutions against apricot fruit rot pathogen Burkholderia seminalis. Carbohydrate Research, 2011, 346, 1294-1301. | 1.1 | 94 |
| 23 | Delta 5 Fatty Acid Desaturase Upregulates the Synthesis of Polyunsaturated Fatty Acids in the Marine Diatom Phaeodactylum tricornutum. Journal of Agricultural and Food Chemistry, 2014, 62, 8773-8776. | 2.4 | 91 |
| 24 | Endophytic Diaporthe associated with Citrus: A phylogenetic reassessment with seven new species from China. Fungal Biology, 2015, 119, 331-347. | 1.1 | 91 |
| 25 | PdCYP51B, a new putative sterol 14Î±-demethylase gene of Penicillium digitatum involved in resistance to imazalil and other fungicides inhibiting ergosterol synthesis. Applied Microbiology and Biotechnology, 2011, 91, 1107-1119. | 1.7 | 89 |
| 26 | The pH signaling transcription factor PacC is required for full virulence in Penicillium digitatum. Applied Microbiology and Biotechnology, 2013, 97, 9087-9098. | 1.7 | 88 |
| 27 | Glycerol and neutral lipid production in the oleaginous marine diatom Phaeodactylum tricornutum promoted by overexpression of glycerol-3-phosphate dehydrogenase. Biotechnology for Biofuels, 2014, 7, . | 6.2 | 87 |
| 28 | ACBP4 and ACBP5, novel Arabidopsis acyl-CoA-binding proteins with kelch motifs that bind oleoyl-CoA. Plant Molecular Biology, 2004, 55, 297-309. | 2.0 | 86 |
| 29 | Antibacterial activity of two chitosan solutions and their effect on rice bacterial leaf blight and leaf streak. Pest Management Science, 2013, 69, 312-320. | 1.7 | 86 |
| 30 | Synergistic effect of chitosan and Cryptococcus laurentii on inhibition of Penicillium expansum infections. International Journal of Food Microbiology, 2007, 114, 261-266. | 2.1 | 83 |
| 31 | Phyllosticta species associated with citrus diseases in China. Fungal Diversity, 2012, 52, 209-224. | 4.7 | 80 |
| 32 | Systemsâ€level analysis of the metabolic responses of the diatom <scp>P</scp>haeodactylum tricornutum to phosphorus stress. Environmental Microbiology, 2014, 16, 1793-1807. | 1.8 | 78 |
| 33 | Molecular characterization of field azoxystrobin-resistant isolates of Botrytis cinerea. Pesticide Biochemistry and Physiology, 2009, 93, 72-76. | 1.6 | 77 |
| 34 | Chlorophyll Fluorescence Imaging Uncovers Photosynthetic Fingerprint of Citrus Huanglongbing. Frontiers in Plant Science, 2017, 8, 1509. | 1.7 | 77 |
| 35 | Transformation of diatom Phaeodactylum tricornutum by electroporation and establishment of inducible selection marker. BioTechniques, 2012, 52, 1-3. | 0.8 | 75 |
| 36 | Diaporthe species occurring on citrus in China. Fungal Diversity, 2013, 61, 237-250. | 4.7 | 73 |

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|---|---|---|---|
| 37 | Identification of a malonyl CoAâ€acyl carrier protein transacylase and its regulatory role in fatty acid biosynthesis in oleaginous microalga Nannochloropsis oceanica. Biotechnology and Applied Biochemistry, 2017, 64, 620-626. | 1.4 | 73 |
| 38 | Arabidopsis acyl-CoA-binding proteins ACBP4 and ACBP5 are subcellularly localized to the cytosol and ACBP4 depletion affects membrane lipid composition. Plant Molecular Biology, 2008, 68, 571-583. | 2.0 | 71 |
| 39 | The vacuolar transport of aleurainâ€GFP and 2S albuminâ€GFP fusions is mediated by the same preâ€vacuolar compartments in tobacco BYâ€2 and Arabidopsis suspension cultured cells. Plant Journal, 2008, 56, 824-839. | 2.8 | 69 |
| 40 | Transcriptional regulation of microalgae for concurrent lipid overproduction and secretion. Science Advances, 2019, 5, eaau3795. | 4.7 | 68 |
| 41 | Construction of Novel Chloroplast Expression Vector and Development of an Efficient Transformation System for the Diatom Phaeodactylum tricornutum. Marine Biotechnology, 2014, 16, 538-546. | 1.1 | 65 |
| 42 | The mitogen-activated protein kinase kinase BOS5 is involved in regulating vegetative differentiation and virulence in Botrytis cinerea. Fungal Genetics and Biology, 2010, 47, 753-760. | 0.9 | 64 |
| 43 | Dual expression of plastidial GPAT1 and LPAT1 regulates triacylglycerol production and the fatty acid profile in Phaeodactylum tricornutum. Biotechnology for Biofuels, 2018, 11, 318. | 6.2 | 64 |
| 44 | The calcineurin-responsive transcription factor Crz1 is required for conidation, full virulence and DMI resistance in Penicillium digitatum. Microbiological Research, 2013, 168, 211-222. | 2.5 | 63 |
| 45 | CD40 ligation stimulates MCP-1 and IL-8 production, TRAF6 recruitment, and MAPK activation in proximal tubule cells. American Journal of Physiology - Renal Physiology, 2002, 282, F1020-F1033. | 1.3 | 62 |
| 46 | Biochemical and Genetic Engineering of Diatoms for Polyunsaturated Fatty Acid Biosynthesis. Marine Drugs, 2014, 12, 153-166. | 2.2 | 62 |
| 47 | Genomic and transcriptomic analyses of the tangerine pathotype of Alternaria alternata in response to oxidative stress. Scientific Reports, 2016, 6, 32437. | 1.6 | 62 |
| 48 | Engineering Variants of the I-SceI Homing Endonuclease with Strand-specific and Site-specific DNA-nicking Activity. Journal of Molecular Biology, 2008, 382, 188-202. | 2.0 | 61 |
| 49 | Antifungal effect and mechanism of chitosan against the rice sheath blight pathogen, Rhizoctonia solani. Biotechnology Letters, 2012, 34, 2291-2298. | 1.1 | 61 |
| 50 | A new inducible expression system in a transformed green alga, Chlorella vulgaris. Genetics and Molecular Research, 2011, 10, 3427-3434. | 0.3 | 59 |
| 51 | Accumulation of Recombinant SARS-CoV Spike Protein in Plant Cytosol and Chloroplasts Indicate Potential for Development of Plant-Derived Oral Vaccines. Experimental Biology and Medicine, 2006, 231, 1346-1352. | 1.1 | 58 |
| 52 | Î²-elemene inhibits tumor-promoting effect of M2 macrophages in lung cancer. Biochemical and Biophysical Research Communications, 2017, 490, 514-520. | 1.0 | 58 |
| 53 | Cell-Wall-Degrading Enzymes Required for Virulence in the Host Selective Toxin-Producing Necrotroph Alternaria alternata of Citrus. Frontiers in Microbiology, 2019, 10, 2514. | 1.5 | 58 |
| 54 | The pivotal role of malic enzyme in enhancing oil accumulation in green microalga Chlorella pyrenoidosa. Microbial Cell Factories, 2016, 15, 120. | 1.9 | 57 |

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|---|---|---|---|
| 55 | PdbrlA, PdabaA and PdwetA control distinct stages of conidiogenesis in Penicillium digitatum. Research in Microbiology, 2015, 166, 56-65. | 1.0 | 56 |
| 56 | Adaptive evolution of microalgal strains empowered by fulvic acid for enhanced polyunsaturated fatty acid production. Bioresource Technology, 2019, 277, 204-210. | 4.8 | 55 |
| 57 | Agrobacterium tumefaciens-mediated genetic transformation of the phytopathogenic fungus Penicillium digitatum. Journal of Zhejiang University: Science B, 2008, 9, 823-828. | 1.3 | 54 |
| 58 | The phyllosphere microbiome shifts toward combating melanose pathogen. Microbiome, 2022, 10, 56. | 4.9 | 54 |
| 59 | Examination of metabolic responses to phosphorus limitation via proteomic analyses in the marine diatom Phaeodactylum tricornutum. Scientific Reports, 2015, 5, 10373. | 1.6 | 53 |
| 60 | High-efficiency promoter-driven coordinated regulation of multiple metabolic nodes elevates lipid accumulation in the model microalga Phaeodactylum tricornutum. Microbial Cell Factories, 2018, 17, 54. | 1.9 | 53 |
| 61 | Thioredoxin and Glutaredoxin Systems Required for Oxidative Stress Resistance, Fungicide Sensitivity, and Virulence of Alternaria alternata. Applied and Environmental Microbiology, 2018, 84, . | 1.4 | 53 |
| 62 | PdSNF1, a sucrose non-fermenting protein kinase gene, is required for Penicillium digitatum conidiation and virulence. Applied Microbiology and Biotechnology, 2013, 97, 5433-5445. | 1.7 | 52 |
| 63 | Evolution of Gene Regulation during Transcription and Translation. Genome Biology and Evolution, 2015, 7, 1155-1167. | 1.1 | 52 |
| 64 | QUASIMODO 3 (QUA3) is a putative homogalacturonan methyltransferase regulating cell wall biosynthesis in Arabidopsis suspension-cultured cells. Journal of Experimental Botany, 2011, 62, 5063-5078. | 2.4 | 50 |
| 65 | In vitro inhibition of postharvest pathogens of fruit and control of gray mold of strawberry and green mold of citrus by aureobasidin A. International Journal of Food Microbiology, 2007, 119, 223-229. | 2.1 | 48 |
| 66 | Proteomic profile in Perna viridis after exposed to Prorocentrum lima, a dinoflagellate producing DSP toxins. Environmental Pollution, 2015, 196, 350-357. | 3.7 | 48 |
| 67 | Effect of chitosan solution on the inhibition of Acidovorax citrulli causing bacterial fruit blotch of watermelon. Journal of the Science of Food and Agriculture, 2013, 93, 1010-1015. | 1.7 | 47 |
| 68 | Identification of a novel phylogenetic lineage of Alternaria alternata causing citrus brown spot in China. Fungal Biology, 2015, 119, 320-330. | 1.1 | 46 |
| 69 | Hyperspectral reflectance imaging combined with carbohydrate metabolism analysis for diagnosis of citrus Huanglongbing in different seasons and cultivars. Sensors and Actuators B: Chemical, 2018, 275, 50-60. | 4.0 | 46 |
| 70 | Emerging waste valorisation techniques to moderate the hazardous impacts, and their path towards sustainability. Journal of Hazardous Materials, 2022, 423, 127023. | 6.5 | 46 |
| 71 | The clinical data from 19 critically ill patients with coronavirus disease 2019: a single-centered, retrospective, observational study. Zeitschrift Fur Gesundheitswissenschaften, 2022, 30, 361-364. | 0.8 | 45 |
| 72 | Occurrence of imazalil-resistant biotype of Penicillium digitatum in China and the resistant molecular mechanism. Journal of Zhejiang University: Science A, 2006, 7, 362-365. | 1.3 | 42 |

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|---|---|---|---|
| 73 | Glucosylceramides are required for mycelial growth and full virulence in Penicillium digitatum. Biochemical and Biophysical Research Communications, 2014, 455, 165-171. | 1.0 | 42 |
| 74 | Genomewide investigation into DNA elements and ABC transporters involved in imazalil resistance inPenicillium digitatum. FEMS Microbiology Letters, 2013, 348, 11-18. | 0.7 | 41 |
| 75 | Os2 MAP kinase-mediated osmostress tolerance in Penicillium digitatum is associated with its positive regulation on glycerol synthesis and negative regulation on ergosterol synthesis. Microbiological Research, 2014, 169, 511-521. | 2.5 | 41 |
| 76 | High Performance Liquid Chromatography and Metabolomics Analysis of Tannase Metabolism of Gallic Acid and Gallates in Tea Leaves. Journal of Agricultural and Food Chemistry, 2020, 68, 4946-4954. | 2.4 | 41 |
| 77 | Enhanced polyunsaturated fatty acid production using food wastes and biofuels byproducts by an evolved strain of Phaeodactylum tricornutum. Bioresource Technology, 2020, 296, 122351. | 4.8 | 40 |
| 78 | A diet high in sugar and fat influences neurotransmitter metabolism and then affects brain function by altering the gut microbiota. Translational Psychiatry, 2021, 11, 328. | 2.4 | 40 |
| 79 | The TB Structural Genomics Consortium: A decade of progress. Tuberculosis, 2011, 91, 155-172. | 0.8 | 39 |
| 80 | Enrichment of Long-Chain Polyunsaturated Fatty Acids by Coordinated Expression of Multiple Metabolic Nodes in the Oleaginous Microalga Phaeodactylum tricornutum. Journal of Agricultural and Food Chemistry, 2017, 65, 7713-7720. | 2.4 | 39 |
| 81 | Differentiation in MALDI-TOF MS and FTIR spectra between two closely related species Acidovorax oryzae and Acidovorax citrulli. BMC Microbiology, 2012, 12, 182. | 1.3 | 38 |
| 82 | Identification of a putative patatin-like phospholipase domain-containing protein 3 (PNPLA3) ortholog involved in lipid metabolism in microalga Phaeodactylum tricornutum. Algal Research, 2015, 12, 274-279. | 2.4 | 38 |
| 83 | Antisense knockdown of pyruvate dehydrogenase kinase promotes the neutral lipid accumulation in the diatom Phaeodactylum tricornutum. Microbial Cell Factories, 2014, 13, 100. | 1.9 | 36 |
| 84 | Constitutive and Chloroplast Targeted Expression of Acetyl-CoA Carboxylase in Oleaginous Microalgae Elevates Fatty Acid Biosynthesis. Marine Biotechnology, 2018, 20, 566-572. | 1.1 | 36 |
| 85 | A molecular mechanism of azoxystrobin resistance in Penicillium digitatum UV mutants and a PCR-based assay for detection of azoxystrobin-resistant strains in packing- or store-house isolates. International Journal of Food Microbiology, 2009, 131, 157-161. | 2.1 | 35 |
| 86 | Ethanol induced jasmonate pathway promotes astaxanthin hyperaccumulation in Haematococcus pluvialis. Bioresource Technology, 2019, 289, 121720. | 4.8 | 34 |
| 87 | Real-time dynamics of soliton collision in a bound-state soliton fiber laser. Nanophotonics, 2020, 9, 1921-1929. | 2.9 | 34 |
| 88 | <scp>PdMLE1</scp>, a specific and active transposon acts as a promoter and confers <scp>P</scp>enicillium digitatum with <scp>DMI</scp> resistance. Environmental Microbiology Reports, 2013, 5, 135-142. | 1.0 | 33 |
| 89 | The methionine biosynthesis regulator AaMetR contributes to oxidative stress tolerance and virulence in Alternaria alternata. Microbiological Research, 2019, 219, 94-109. | 2.5 | 33 |
| 90 | TAG pathway engineering via GPAT2 concurrently potentiates abiotic stress tolerance and oleaginicity in Phaeodactylum tricornutum. Biotechnology for Biofuels, 2020, 13, 160. | 6.2 | 33 |

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|---|---|---|---|
| 91 | A lipid droplet-associated protein involved in lipid droplet biogenesis and triacylglycerol accumulation in the oleaginous microalga Phaeodactylum tricornutum. Algal Research, 2017, 26, 215-224. | 2.4 | 32 |
| 92 | A decomposition-based chemical reaction optimization for multi-objective vehicle routing problem for simultaneous delivery and pickup with time windows. Memetic Computing, 2018, 10, 103-120. | 2.7 | 32 |
| 93 | Gray matter atrophy in progressive supranuclear palsy: meta-analysis of voxel-based morphometry studies. Neurological Sciences, 2013, 34, 1049-1055. | 0.9 | 31 |
| 94 | Sustainable and stepwise waste-based utilisation strategy for the production of biomass and biofuels by engineered microalgae. Environmental Pollution, 2020, 265, 114854. | 3.7 | 31 |
| 95 | Functional analysis of two sterol regulatory element binding proteins in Penicillium digitatum. PLoS ONE, 2017, 12, e0176485. | 1.1 | 31 |
| 96 | Removal of Chattonella marina with clay minerals modified with a gemini surfactant. Applied Clay Science, 2010, 50, 604-607. | 2.6 | 30 |
| 97 | Biotechnological approaches to enhance biofuel producing potential of microalgae. Fuel, 2021, 302, 121169. | 3.4 | 30 |
| 98 | Allelopathic effects of Alexandrium spp. on Prorocentrum donghaiense. Harmful Algae, 2010, 10, 116-120. | 2.2 | 29 |
| 99 | Molecular phylogeny and PSP toxin profile of the Alexandrium tamarense species complex along the coast of China. Marine Pollution Bulletin, 2014, 89, 209-219. | 2.3 | 29 |
| 100 | Molecular exploration of algal interaction between the diatom Phaeodactylum tricornutum and the dinoflagellate Alexandrium tamarense. Algal Research, 2016, 17, 132-141. | 2.4 | 29 |
| 101 | The citrus postharvest pathogen Penicillium digitatum depends on the PdMpkB kinase for developmental and virulence functions. International Journal of Food Microbiology, 2016, 236, 167-176. | 2.1 | 29 |
| 102 | Influence of Bragg reflection of chirped tilted fiber Bragg grating on Raman suppression in high-power tandem pumping fiber amplifiers. Optics Express, 2020, 28, 19508. | 1.7 | 29 |
| 103 | Action of Chitosan Against Xanthomonas Pathogenic Bacteria Isolated from Euphorbia pulcherrima. Molecules, 2012, 17, 7028-7041. | 1.7 | 28 |
| 104 | P-glycoprotein expression in Perna viridis after exposure to Prorocentrum lima, a dinoflagellate producing DSP toxins. Fish and Shellfish Immunology, 2014, 39, 254-262. | 1.6 | 28 |
| 105 | Identification of secondary metabolite biosynthetic gene clusters associated with the infection of citrus fruit by Penicillium digitatum. Postharvest Biology and Technology, 2017, 134, 17-21. | 2.9 | 28 |
| 106 | P-glycoprotein and its inducible expression in three bivalve species after exposure to Prorocentrum lima. Aquatic Toxicology, 2015, 169, 123-132. | 1.9 | 27 |
| 107 | Molecular identification of green algae from the rafts based infrastructure of Porphyra yezoensis. Marine Pollution Bulletin, 2012, 64, 2077-2082. | 2.3 | 26 |
| 108 | Expression profile of eight glutathione S-transferase genes in Crassostrea ariakensis after exposure to DSP toxins producing dinoflagellate Prorocentrum lima. Toxicon, 2015, 105, 45-55. | 0.8 | 26 |

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|---|---|---|---|
| 109 | A Genomics Based Discovery of Secondary Metabolite Biosynthetic Gene Clusters in Aspergillus ustus. PLoS ONE, 2015, 10, e0116089. | 1.1 | 25 |
| 110 | Overproduction of Bioactive Algal Chrysolaminarin by the Critical Carbon Flux Regulator Phosphoglucomutase. Biotechnology Journal, 2019, 14, 1800220. | 1.8 | 25 |
| 111 | Responses of CYP450 in the mussel Perna viridis after short-term exposure to the DSP toxins-producing dinoflagellate Prorocentrum lima. Ecotoxicology and Environmental Safety, 2019, 176, 178-185. | 2.9 | 25 |
| 112 | De novo transcriptome analysis of the mussel Perna viridis after exposure to the toxic dinoflagellate Prorocentrum lima. Ecotoxicology and Environmental Safety, 2020, 192, 110265. | 2.9 | 25 |
| 113 | Bacterial brown stripe of rice in soil-less culture system caused by Acidovorax avenae subsp. avenae in China. Journal of General Plant Pathology, 2011, 77, 64-67. | 0.6 | 24 |
| 114 | Csn5 Is Required for the Conidiogenesis and Pathogenesis of the Alternaria alternata Tangerine Pathotype. Frontiers in Microbiology, 2018, 9, 508. | 1.5 | 24 |
| 115 | The basal transcription factor II H subunit Tfb5 is required for stress response and pathogenicity in the tangerine pathotype of Alternaria alternata. Molecular Plant Pathology, 2020, 21, 1337-1352. | 2.0 | 24 |
| 116 | Synergistic bioconversion of lipids and carotenoids from food waste by Dunaliella salina with fulvic acid via a two-stage cultivation strategy. Energy Conversion and Management, 2021, 234, 113908. | 4.4 | 24 |
| 117 | Exogenous Melatonin Promotes the Salt Tolerance by Removing Active Oxygen and Maintaining Ion Balance in Wheat (Triticum aestivum L.). Frontiers in Plant Science, 2021, 12, 787062. | 1.7 | 24 |
| 118 | IL-8 amplifies CD40/CD154-mediated ICAM-1 production via the CXCR-1 receptor and p38-MAPK pathway in human renal proximal tubule cells. American Journal of Physiology - Renal Physiology, 2009, 296, F438-F445. | 1.3 | 23 |
| 119 | Quercetin potentiates the concurrent hyper-accumulation of cellular biomass and lipids in Chlorella vulgaris. Bioresource Technology, 2018, 269, 434-442. | 4.8 | 23 |
| 120 | Genomic features and evolution of the conditionally dispensable chromosome in the tangerine pathotype of Alternaria alternata. Molecular Plant Pathology, 2019, 20, 1425-1438. | 2.0 | 23 |
| 121 | Transmissibility of acute haemorrhagic conjunctivitis in small-scale outbreaks in Hunan Province, China. Scientific Reports, 2020, 10, 119. | 1.6 | 23 |
| 122 | Physiological and molecular responses in halotolerant Dunaliella salina exposed to molybdenum disulfide nanoparticles. Journal of Hazardous Materials, 2021, 404, 124014. | 6.5 | 23 |
| 123 | Consensus on the application of negative pressure wound therapy of diabetic foot wounds. Burns and Trauma, 2021, 9, tkab018. | 2.3 | 23 |
| 124 | G-box binding coincides with increased Solanum melongena cysteine proteinase expression in senescent fruits and circadian-regulated leaves. Plant Molecular Biology, 2003, 51, 9-19. | 2.0 | 22 |
| 125 | Experimental Methodology for Obtaining the Flow Curve of Sheet Materials in a Wide Range of Strains. Steel Research International, 2013, 84, 146-154. | 1.0 | 22 |
| 126 | A waste upcycling loop: Two-factor adaptive evolution of microalgae to increase polyunsaturated fatty acid production using food waste. Journal of Cleaner Production, 2022, 331, 130018. | 4.6 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Bare-Bones Teaching-Learning-Based Optimization. Scientific World Journal, The, 2014, 2014, 1-17. | 0.8 | 21 |
| 128 | Rational design and fabrication of a cancer-targeted chitosan nanocarrier to enhance selective cellular uptake and anticancer efficacy of selenocystine. Journal of Materials Chemistry B, 2015, 3, 2497-2504. | 2.9 | 21 |
| 129 | A combined light regime and carbon supply regulation strategy for microalgae-based sugar industry wastewater treatment and low-carbon biofuel production to realise a circular economy. Chemical Engineering Journal, 2022, 446, 137422. | 6.6 | 21 |
| 130 | Functional caveolae are a prerequisite for CD40 signaling in human renal proximal tubule cells. American Journal of Physiology - Renal Physiology, 2004, 286, F711-F719. | 1.3 | 20 |
| 131 | Identification of a putative seipin ortholog involved in lipid accumulation in marine microalga Phaeodactylum tricornutum. Journal of Applied Phycology, 2017, 29, 2821-2829. | 1.5 | 20 |
| 132 | Up-regulation of Nrf2-dependent antioxidant defenses in Perna viridis after exposed to Prorocentrum lima. Fish and Shellfish Immunology, 2019, 90, 173-179. | 1.6 | 20 |
| 133 | Enantioselectivity in toxicity and degradation of dichlorprop-methyl in algal cultures. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2008, 43, 288-292. | 0.7 | 19 |
| 134 | OSBP-related protein 7 interacts with GATE-16 and negatively regulates GS28 protein stability. Experimental Cell Research, 2011, 317, 2353-2363. | 1.2 | 19 |
| 135 | Gene expression profiles in zebrafish (Danio rerio) liver after acute exposure to okadaic acid. Environmental Toxicology and Pharmacology, 2014, 37, 791-802. | 2.0 | 19 |
| 136 | A Destructive New Disease of Citrus in China Caused by Cryptosporiopsis citricarpa sp. nov.. Plant Disease, 2012, 96, 804-812. | 0.7 | 18 |
| 137 | Heterogeneous expression of human PNPLA3 triggers algal lipid accumulation and lipid droplet enlargement. Algal Research, 2018, 31, 276-281. | 2.4 | 18 |
| 138 | Metabarcoding reveals differences in fungal communities between unflooded versus tidal flat soil in coastal saline ecosystem. Science of the Total Environment, 2019, 690, 911-922. | 3.9 | 18 |
| 139 | Glucoseâ€6â€Phosphate Dehydrogenase from the Oleaginous Microalga Nannochloropsis Uncovers Its Potential Role in Promoting Lipogenesis. Biotechnology Journal, 2020, 15, e1900135. | 1.8 | 18 |
| 140 | Analysis of melatonin regulation of germination and antioxidant metabolism in different wheat cultivars under polyethylene glycol stress. PLoS ONE, 2020, 15, e0237536. | 1.1 | 18 |
| 141 | Raman suppression in 5ÂkW fiber amplifier using long period fiber grating fabricated by CO2 laser. Optics and Laser Technology, 2022, 145, 107484. | 2.2 | 18 |
| 142 | Histone Acetyltransferases and Deacetylases Are Required for Virulence, Conidiation, DNA Damage Repair, and Multiple Stresses Resistance of Alternaria alternata. Frontiers in Microbiology, 2021, 12, 783633. | 1.5 | 18 |
| 143 | The role of diatom glucose-6-phosphate dehydrogenase on lipogenic NADPH supply in green microalgae through plastidial oxidative pentose phosphate pathway. Applied Microbiology and Biotechnology, 2018, 102, 10803-10815. | 1.7 | 17 |
| 144 | Systems-level analysis of metabolic mechanism following nitrogen limitation in benthic dinoflagellate Prorocentrum lima. Algal Research, 2018, 33, 389-398. | 2.4 | 17 |

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|---|---|---|---|
| 145 | Potentiation of concurrent expression of lipogenic genes by novel strong promoters in the oleaginous microalga Phaeodactylum tricornutum. Biotechnology and Bioengineering, 2019, 116, 3006-3015. | 1.7 | 17 |
| 146 | Optimized Planting Density Maintains High Wheat Yield Under Limiting Irrigation in North China Plain. International Journal of Plant Production, 2020, 14, 107-117. | 1.0 | 17 |
| 147 | Antisense knockdown of pyruvate dehydrogenase kinase promotes the neutral lipid accumulation in the diatom. Microbial Cell Factories, 2014, 13, 100. | 1.9 | 17 |
| 148 | An Injection-Locked Single-Longitudinal-Mode Fiber Ring Laser With Cylindrical Vector Beam Emission. IEEE Photonics Journal, 2017, 9, 1-8. | 1.0 | 16 |
| 149 | Isolation and characterization of a novel Escherichia coli Kayfunavirus phage DY1. Virus Research, 2021, 293, 198274. | 1.1 | 16 |
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