

Xun Li

List of Publications by Year in Descending Order

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

38 papers	361 citations	10 h-index	17 g-index
43 ext. papers	521 ext. citations	5.2 avg, IF	3.92 L-index

#	Paper	IF	Citations
38	Combined bioderivatization and engineering approach to improve the efficiency of geraniol production. <i>Green Chemistry</i> , 2022 , 24, 864-876	10	0
37	Genetic and Bioprocess Engineering for the Selective and High-Level Production of Geranyl Acetate in <i>Escherichia coli</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 2881-2889	8.3	0
36	Engineering <i>Escherichia coli</i> for effective and economic production of cis-abienol by optimizing isopentenol utilization pathway. <i>Journal of Cleaner Production</i> , 2022 , 351, 131310	10.3	1
35	Chitosan binding to a novel alfalfa phytoferritin nanocage loaded with baicalein: Simulated digestion and absorption evaluation.. <i>Food Chemistry</i> , 2022 , 386, 132716	8.5	0
34	Improved stability and pharmacokinetics of wogonin through loading into PASylated ferritin.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 216, 112515	6	0
33	Synthetic Protein Scaffolds for Improving (-)-Linalool Production in. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 5663-5670	5.7	5
32	Engineering <i>Escherichia coli</i> for production of geraniol by systematic synthetic biology approaches and laboratory-evolved fusion tags. <i>Metabolic Engineering</i> , 2021 , 66, 60-67	9.7	10
31	Tumor-Penetrating Peptide-Functionalized Ferritin Enhances Antitumor Activity of Paclitaxel.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2654-2663	4.1	6
30	tLyP-1 Peptide Functionalized Human H Chain Ferritin for Targeted Delivery of Paclitaxel. <i>International Journal of Nanomedicine</i> , 2021 , 16, 789-802	7.3	8
29	ERK-Peptide-Inhibitor-Modified Ferritin Enhanced the Therapeutic Effects of Paclitaxel in Cancer Cells and Spheroids. <i>Molecular Pharmaceutics</i> , 2021 , 18, 3365-3377	5.6	6
28	Synthesis and biological evaluation of surface-modified nanocellulose hydrogel loaded with paclitaxel. <i>Life Sciences</i> , 2020 , 241, 117137	6.8	25
27	Efficient Biosynthesis of (-)-Linalool through Adjusting the Expression Strategy and Increasing GPP Supply in. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 8381-8390	5.7	10
26	Catalytic Cracking of Inedible Oils for the Production of Drop-In Biofuels over a SO ₄ 2 ⁻ /TiO ₂ -ZrO ₂ Catalyst. <i>Energy & Fuels</i> , 2020 , 34, 14204-14214	4.1	7
25	Proanthocyanidin Encapsulated in Ferritin Enhances Its Cellular Absorption and Antioxidant Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 11498-11507	5.7	14
24	Ethanol/1,4-dioxane/formic acid as synergistic solvents for the conversion of lignin into high-value added phenolic monomers. <i>Bioresource Technology</i> , 2019 , 278, 187-194	11	34
23	Combinatorial Engineering of Mevalonate Pathway and Diterpenoid Synthases in <i>Escherichia coli</i> for cis-Abienol Production. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 6523-6531	5.7	8
22	Modulating Heterologous Pathways and Optimizing Culture Conditions for Biosynthesis of -10, -12 Conjugated Linoleic Acid in. <i>Molecules</i> , 2019 , 24,	4.8	7

21	Peptide-Mediated Immobilization on Magnetoferritin for Enzyme Recycling. <i>Nanomaterials</i> , 2019 , 9,	5.4	3
20	Novel Paclitaxel-Loaded Nanoparticles Based on Human H Chain Ferritin for Tumor-Targeted Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 6645-6654	5.5	16
19	Attapuligite-supported magnetic dual acidBase catalyst for the catalytic conversion of lignin to phenolic monomers. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 1269-1281	3.5	6
18	Thermostable xylanase-aided two-stage hydrolysis approach enhances sugar release of pretreated lignocellulosic biomass. <i>Bioresource Technology</i> , 2018 , 257, 334-338	11	25
17	Catalytic alcoholysis of alkaline extracted lignin for the production of aromatic esters over SO /ZrO-ATP.. <i>RSC Advances</i> , 2018 , 8, 12344-12353	3.7	5
16	Characterization of two novel thermostable esterases from <i>Thermoanaerobacterium thermosaccharolyticum</i> . <i>Protein Expression and Purification</i> , 2018 , 152, 64-70	2	8
15	Effects of In Vitro Digestion on the Content and Biological Activity of Polyphenols from Bark. <i>Molecules</i> , 2018 , 23,	4.8	7
14	Analytical Profiling of Proanthocyanidins from Bark and In Vitro Assessment of Antioxidant and Antidiabetic Potential. <i>Molecules</i> , 2018 , 23,	4.8	12
13	Application of Plant Viruses as a Biotemplate for Nanomaterial Fabrication. <i>Molecules</i> , 2018 , 23,	4.8	28
12	Green Synthesis of Conjugated Linoleic Acids from Plant Oils Using a Novel Synergistic Catalytic System. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 5322-5329	5.7	9
11	Designability of Aromatic Interaction Networks at Bacterioferritin B-Type Channels. <i>Molecules</i> , 2017 , 22,	4.8	9
10	Biodiesel Production: Utilization of Loofah Sponge to Immobilize <i>Rhizopus chinensis</i> CGMCC #3.0232 Cells as a Whole-Cell Biocatalyst. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 1278-84	3.3	5
9	Characterization of Glycerol Dehydrogenase from <i>Thermoanaerobacterium thermosaccharolyticum</i> DSM 571 and GGG Motif Identification. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 1077-86	3.3	
8	Mutagenesis study to disrupt electrostatic interactions on the twofold symmetry interface of <i>Escherichia coli</i> bacterioferritin. <i>Journal of Biochemistry</i> , 2015 , 158, 505-12	3.1	11
7	Immobilization of <i>Rhizopus oryzae</i> LY6 onto Loofah Sponge as a Whole-Cell Biocatalyst for Biodiesel Production. <i>BioResources</i> , 2015 , 11, 850-860	1.3	10
6	Production, purification, and characterization of a cellulase-free thermostable endo-xylanase from <i>Thermoanaerobacterium thermosaccharolyticum</i> DSM 571. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 2392-402	3.2	9
5	Overexpression and Phylogenetic Analysis of a Thermostable α -Glucosidase from <i>Thermus thermophilus</i> . <i>Advanced Materials Research</i> , 2014 , 1004-1005, 841-848	0.5	
4	Biochemical properties of a novel thermostable and highly xylose-tolerant α -xylosidase/ β -arabinosidase from <i>Thermotoga thermarum</i> . <i>Biotechnology for Biofuels</i> , 2013 , 6, 27	7.8	46

3	Expression and characterization of GH3 β -glucosidase from <i>Aspergillus niger</i> NL-1 with high specific activity, glucose inhibition and solvent tolerance. <i>Microbiology</i> , 2013 , 82, 356-363	1.4	10
2	Constructon of Yeast Surface Display of ProROL by Using Flo1p Anchor System. <i>Advanced Materials Research</i> , 2012 , 512-515, 356-360	0.5	1
1	Cloning, Expression and Characterization of a Monooxygenase P450BM3 from <i>Bacillus megaterium</i> ALA2. <i>Advanced Materials Research</i> , 2012 , 518-523, 5533-5538	0.5	