

# Xuetuan Wei

## 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.

42  
papers

1,035  
citations

19  
h-index

31  
g-index

45  
ext. papers

1,265  
ext. citations

5.3  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
42	Efficient production of extracellular alkaline protease in <i>Bacillus amyloliquefaciens</i> by host strain construction. <i>LWT - Food Science and Technology</i> , <b>2022</b> , 163, 113620	5.4	0
41	Biosynthesis of a Novel Bioactive Metabolite of Spermidine from : Gene Mining, Sequence Analysis, and Combined Expression. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 267-274	5.7	2
40	Production of a novel lycopene-rich soybean food by fermentation with <i>Bacillus amyloliquefaciens</i> . <i>LWT - Food Science and Technology</i> , <b>2021</b> , 153, 112551	5.4	1
39	Prebiotic, Probiotic, Antimicrobial, and Functional Food Applications of. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 14709-14727	5.7	14
38	Enhancement of S-adenosylmethionine production by deleting thrB gene and overexpressing SAM2 gene in <i>Bacillus amyloliquefaciens</i> . <i>Biotechnology Letters</i> , <b>2020</b> , 42, 2293-2298	3	0
37	Identification of a Spermidine Synthase Gene from Soybean by Recombinant Expression, Transcriptional Verification, and Sequence Analysis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 2366-2372	5.7	7
36	Multilevel Metabolic Engineering of <i>Bacillus amyloliquefaciens</i> for Production of the Platform Chemical Putrescine from Sustainable Biomass Hydrolysates. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 2147-2157	8.3	7
35	Enhanced Lignin Degradation in Tobacco Stalk Composting with Inoculation of White-Rot Fungi <i>Trametes hirsuta</i> and <i>Pleurotus ostreatus</i> . <i>Waste and Biomass Valorization</i> , <b>2020</b> , 11, 3525-3535	3.2	10
34	Metabolic engineering of for enhanced production of -adenosylmethionine by coupling of an engineered -adenosylmethionine pathway and the tricarboxylic acid cycle. <i>Biotechnology for Biofuels</i> , <b>2019</b> , 12, 211	7.8	8
33	Evaluation of the Biogenic Amines and Microbial Contribution in Traditional Chinese Sausages. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 872	5.7	21
32	Metabolomics analysis reveals global acetoin stress response of <i>Bacillus licheniformis</i> . <i>Metabolomics</i> , <b>2019</b> , 15, 25	4.7	16
31	Balancing the carbon flux distributions between the TCA cycle and glyoxylate shunt to produce glycolate at high yield and titer in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , <b>2018</b> , 46, 28-34	9.7	27
30	Evaluation of the Biogenic Amines Formation and Degradation Abilities of From Chinese Bacon. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1015	5.7	32
29	Biogenic amines analysis and microbial contribution in traditional fermented food of Douchi. <i>Scientific Reports</i> , <b>2018</b> , 8, 12567	4.9	19
28	Glutamate dehydrogenase (RocG) in <i>Bacillus licheniformis</i> WX-02: Enzymatic properties and specific functions in glutamic acid synthesis for poly- $\gamma$ -glutamic acid production. <i>Enzyme and Microbial Technology</i> , <b>2017</b> , 99, 9-15	3.8	21
27	Efficient production of free fatty acids from ionic liquid-based acid- or enzyme-catalyzed bamboo hydrolysate. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2017</b> , 44, 419-430	4.2	4
26	Identification of a Key Gene Involved in Branched-Chain Short Fatty Acids Formation in Natto by Transcriptional Analysis and Enzymatic Characterization in <i>Bacillus subtilis</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 1592-1597	5.7	11

25	Enhancement of acetoin production from <i>Bacillus licheniformis</i> by 2,3-butanediol conversion strategy: Metabolic engineering and fermentation control. <i>Process Biochemistry</i> , <b>2017</b> , 57, 35-42	4.8	18
24	CdTe/CdS quantum dot-labeled fluorescent immunochromatography test strips for rapid detection of <i>Escherichia coli</i> O157:H7. <i>RSC Advances</i> , <b>2017</b> , 7, 17819-17823	3.7	31
23	Decreased formation of branched-chain short fatty acids in <i>Bacillus amyloliquefaciens</i> by metabolic engineering. <i>Biotechnology Letters</i> , <b>2017</b> , 39, 529-533	3	4
22	Antimicrobial Effects of Silver Nanoparticles Synthesized by <i>Fatsia japonica</i> Leaf Extracts for Preservation of Citrus Fruits. <i>Journal of Food Science</i> , <b>2017</b> , 82, 1861-1866	3.4	7
21	A novel strategy to improve protein secretion via overexpression of the SppA signal peptide peptidase in <i>Bacillus licheniformis</i> . <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 70	6.4	30
20	High-level production of $\alpha$ -amylase by manipulating the expression of alanine racemase in <i>Bacillus licheniformis</i> . <i>Biotechnology Letters</i> , <b>2017</b> , 39, 1389-1394	3	7
19	Use of <i>Bacillus amyloliquefaciens</i> HZ-12 for High-Level Production of the Blood Glucose Lowering Compound, 1-Deoxynojirimycin (DNJ), and Nutraceutical Enriched Soybeans via Fermentation. <i>Applied Biochemistry and Biotechnology</i> , <b>2017</b> , 181, 1108-1122	3.2	17
18	Enhancement of poly- $\gamma$ -glutamic acid production by alkaline pH stress treatment in <i>Bacillus licheniformis</i> WX-02. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2016</b> , 91, 2399-2403	3.5	17
17	Enhancement of L-valine production in <i>Bacillus licheniformis</i> by blocking three branched pathways. <i>Biotechnology Letters</i> , <b>2015</b> , 37, 1243-8	3	12
16	Efficient expression of nattokinase in <i>Bacillus licheniformis</i> : host strain construction and signal peptide optimization. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2015</b> , 42, 287-95	4.2	49
15	A new strategy for enhancement of poly- $\gamma$ -glutamic acid production by multiple physicochemical stresses in <i>Bacillus licheniformis</i> . <i>Journal of Chemical Technology and Biotechnology</i> , <b>2015</b> , 90, 709-713	3.5	26
14	Preparation of the antithrombotic and antimicrobial coating through layer-by-layer self-assembly of nattokinase-nanosilver complex and polyethylenimine. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 116, 418-23	6	15
13	Enhanced expression of <i>pgdS</i> gene for high production of poly- $\gamma$ -glutamic acid with lower molecular weight in <i>Bacillus licheniformis</i> WX-02. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 1825-1832	3.5	28
12	Improvement of lichenysin production in <i>Bacillus licheniformis</i> by replacement of native promoter of lichenysin biosynthesis operon and medium optimization. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 8895-903	5.7	51
11	Poly- $\gamma$ -glutamic acid modified magnetic nanoparticles for fast solid phase extraction of trace amounts of Cu(II) and Pb(II). <i>Analytical Methods</i> , <b>2014</b> , 6, 9800-9806	3.2	6
10	Adsorption of rare earths (III) by calcium alginate-poly glutamic acid hybrid gels. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 969-977	3.5	52
9	Sunlight-induced biosynthesis of silver nanoparticles by animal and fungus biomass and their characterization. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 305-311	3.5	12
8	Synthesis of silver nanoparticles by solar irradiation of cell-free <i>Bacillus amyloliquefaciens</i> extracts and AgNO <sub>3</sub> . <i>Bioresource Technology</i> , <b>2012</b> , 103, 273-8	11	145

7	Strain screening, fermentation, separation, and encapsulation for production of nattokinase functional food. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 168, 1753-64	3.2	23
6	Genome sequence of <i>Bacillus licheniformis</i> WX-02. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 3561-2	3.5	26
5	Production of fibrinolytic enzyme from <i>Bacillus amyloliquefaciens</i> by fermentation of chickpeas, with the evaluation of the anticoagulant and antioxidant properties of chickpeas. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 3957-63	5.7	57
4	Encapsulation of <i>Pannonibacter phragmitetus</i> LSSE-09 in alginate-carboxymethyl cellulose capsules for reduction of hexavalent chromium under alkaline conditions. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2011</b> , 38, 1709-18	4.2	17
3	Reduction of hexavalent chromium by <i>Pannonibacter phragmitetus</i> LSSE-09 stimulated with external electron donors under alkaline conditions. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 185, 1169-76	12.8	70
2	Reduction of hexavalent chromium by <i>Pannonibacter phragmitetus</i> LSSE-09 coated with polyethylenimine-functionalized magnetic nanoparticles under alkaline conditions. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 189, 787-93	12.8	39
1	Isolation of halotolerant <i>Bacillus licheniformis</i> WX-02 and regulatory effects of sodium chloride on yield and molecular sizes of poly-gamma-glutamic acid. <i>Applied Biochemistry and Biotechnology</i> , <b>2010</b> , 160, 1332-40	3.2	74