

# Ju-Fang Wang

## 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.

130  
papers

2,736  
citations

30  
h-index

45  
g-index

143  
ext. papers

3,368  
ext. citations

5.7  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
130	Elimination of carbon catabolite repression in <i>Clostridium tyrobutyricum</i> for enhanced butyric acid production from lignocellulosic hydrolysates. <i>Bioresource Technology</i> , <b>2022</b> , 127320	11	0
129	Mesoporous Silica Nanoprodrug Encapsulated with Near-Infrared Absorption Dye for Photothermal Therapy Combined with Chemotherapy. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 8225-8235	4.1	1
128	Metabolic engineering of <i>Thermoanaerobacterium aotearoense</i> SCUT27 for glucose and cellobiose co-utilization by identification and overexpression of the endogenous cellobiose operon. <i>Biochemical Engineering Journal</i> , <b>2021</b> , 167, 107922	4.2	1
127	Sensitive detection of foodborne pathogens based on CRISPR-Cas13a. <i>Journal of Food Science</i> , <b>2021</b> , 86, 2615-2625	3.4	5
126	Butanol production from <i>Saccharina japonica</i> hydrolysate by engineered <i>Clostridium tyrobutyricum</i> : The effects of pretreatment method and heat shock protein overexpression. <i>Bioresource Technology</i> , <b>2021</b> , 335, 125290	11	5
125	Detection and differentiation of respiratory syncytial virus subgroups A and B with colorimetric toehold switch sensors in a paper-based cell-free system. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 182, 113173	11.8	5
124	Isolation and characterization of a newly identified <i>Clostridium butyricum</i> strain SCUT343-4 for 1,3-propanediol production. <i>Bioprocess and Biosystems Engineering</i> , <b>2021</b> , 44, 2375-2385	3.7	4
123	Effects of benzyl viologen on increasing NADH availability, acetate assimilation, and butyric acid production by <i>Clostridium tyrobutyricum</i> . <i>Biotechnology and Bioengineering</i> , <b>2021</b> , 118, 770-783	4.9	6
122	A simple and low-cost paper-based colorimetric method for detecting and distinguishing the GII.4 and GII.17 genotypes of norovirus. <i>Talanta</i> , <b>2021</b> , 225, 121978	6.2	6
121	Nanocellulose/PEGDA Aerogels with Tunable Poisson's Ratio Fabricated by Stereolithography for Mouse Bone Marrow Mesenchymal Stem Cell Culture. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	8
120	Engineering <i>Thermoanaerobacterium aotearoense</i> SCUT27/ $\Delta$ dh with pyruvate formate lyase-activating protein (PflA) knockout for enhanced ethanol tolerance and production. <i>Process Biochemistry</i> , <b>2021</b> , 106, 184-190	4.8	2
119	Enhanced ethanol production from lignocellulosic hydrolysates by <i>Thermoanaerobacterium aotearoense</i> SCUT27/ $\Delta$ argR1864 with improved lignocellulose-derived inhibitors tolerance. <i>Renewable Energy</i> , <b>2021</b> , 173, 652-661	8.1	1
118	Mining <i>Listeria monocytogenes</i> single nucleotide polymorphism sites to identify the major serotypes using allele-specific multiplex PCR. <i>International Journal of Food Microbiology</i> , <b>2020</b> , 335, 108885	5.8	3
117	Engineering <i>Thermoanaerobacterium aotearoense</i> SCUT27 with argR knockout for enhanced ethanol production from lignocellulosic hydrolysates. <i>Bioresource Technology</i> , <b>2020</b> , 310, 123435	11	7
116	High-Selectivity Butyric Acid Production from <i>Saccharina japonica</i> Hydrolysate by <i>Clostridium tyrobutyricum</i> . <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 17147-17155	3.9	8
115	Butyric acid production from spent coffee grounds by engineered <i>Clostridium tyrobutyricum</i> overexpressing galactose catabolism genes. <i>Bioresource Technology</i> , <b>2020</b> , 304, 122977	11	11
114	Mass ratio quantitative detection for kidney bean in lotus seed paste using duplex droplet digital PCR and chip digital PCR. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 1701-1707	4.4	4

113	The redox-sensing transcriptional repressor Rex is important for regulating the products distribution in <i>Thermoanaerobacterium aotearoense</i> SCUT27. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 5605-5617	5.7	5
112	Rapid and fully-automated detection of Toxin B via magnetic-particle-based chemiluminescent immunoassay. <i>American Journal of Translational Research (discontinued)</i> , <b>2020</b> , 12, 4228-4236	3	1
111	Direct conversion of untreated cane molasses into butyric acid by engineered <i>Clostridium tyrobutyricum</i> . <i>Bioresource Technology</i> , <b>2020</b> , 301, 122764	11	13
110	Advantages of Lateral Flow Assays Based on Fluorescent Submicrospheres and Quantum Dots for Toxin B Detection. <i>Toxins</i> , <b>2020</b> , 12,	4.9	2
109	Recent advances in n-butanol and butyrate production using engineered <i>Clostridium tyrobutyricum</i> . <i>World Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 36, 138	4.4	16
108	Engineered with knockout for improved hydrogen <sub>2</sub> production from lignocellulose hydrolysates. <i>Biotechnology for Biofuels</i> , <b>2019</b> , 12, 214	7.8	13
107	Nanocellulose/PEGDA aerogel scaffolds with tunable modulus prepared by stereolithography for three-dimensional cell culture. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2019</b> , 30, 797-814	3.5	23
106	Enhanced ethanol production from lignocellulosic hydrolysates by inhibiting the hydrogen synthesis in <i>Thermoanaerobacterium aotearoense</i> SCUT27(Δdh). <i>Journal of Chemical Technology and Biotechnology</i> , <b>2019</b> , 94, 3305-3314	3.5	2
105	Production of n-butanol from cassava bagasse hydrolysate by engineered <i>Clostridium tyrobutyricum</i> overexpressing adhE2: Kinetics and cost analysis. <i>Bioresource Technology</i> , <b>2019</b> , 292, 121969	11.1	24
104	Multistage pH-responsive mesoporous silica nanohybrids with charge reversal and intracellular release for efficient anticancer drug delivery. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 82-93	9.3	24
103	Facile In Situ Preparation and In Vitro Antibacterial Activity of PDMAEMA-Based Silver-Bearing Copolymer Micelles. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 256	5	8
102	The significance of aspartate on NAD(H) biosynthesis and ABE fermentation in <i>Clostridium acetobutylicum</i> ATCC 824. <i>AMB Express</i> , <b>2019</b> , 9, 142	4.1	7
101	Metabolic engineering of <i>Clostridium tyrobutyricum</i> for enhanced butyric acid production from undetoxified corncob acid hydrolysate. <i>Bioresource Technology</i> , <b>2019</b> , 271, 266-273	11	21
100	Design, expression, and characterization of a novel cecropin A-derived peptide with high antibacterial activity. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 1765-1775	5.7	12
99	The significance of proline on lignocellulose-derived inhibitors tolerance in <i>Clostridium acetobutylicum</i> ATCC 824. <i>Bioresource Technology</i> , <b>2019</b> , 272, 561-569	11	17
98	Deciphering mixotrophic <i>Clostridium formicoaceticum</i> metabolism and energy conservation: Genomic analysis and experimental studies. <i>Genomics</i> , <b>2019</b> , 111, 1687-1694	4.3	8
97	Enhanced butyric acid production in <i>Clostridium tyrobutyricum</i> by overexpression of rate-limiting enzymes in the Embden-Meyerhof-Parnas pathway. <i>Journal of Biotechnology</i> , <b>2018</b> , 272-273, 14-21	3.7	15
96	Metabolic engineering of <i>Clostridium tyrobutyricum</i> for enhanced butyric acid production with high butyrate/acetate ratio. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 4511-4522	5.7	20

95	High-mobility group box 1 protein contributes to the immunogenicity of rTcdB-treated CT26 cells. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2018</b> , 50, 921-928	2.8	2
94	Time-resolved transcriptome analysis of <i>Clostridium difficile</i> R20291 response to cysteine. <i>Microbiological Research</i> , <b>2018</b> , 215, 114-125	5.3	4
93	Improving the fermentation performance of <i>Clostridium acetobutylicum</i> ATCC 824 by strengthening the VB1 biosynthesis pathway. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 8107-8119	5.7	10
92	The global regulator IrrE from <i>Deinococcus radiodurans</i> enhances the furfural tolerance of <i>Saccharomyces cerevisiae</i> . <i>Biochemical Engineering Journal</i> , <b>2018</b> , 136, 69-77	4.2	10
91	Butyric acid production from lignocellulosic biomass hydrolysates by engineered <i>Clostridium tyrobutyricum</i> overexpressing Class I heat shock protein GroESL. <i>Bioresource Technology</i> , <b>2018</b> , 250, 691-698	11.1	35
90	Cholesterol inhibits entotic cell-in-cell formation and actomyosin contraction. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 495, 1440-1446	3.4	18
89	Folic acid grafted and tertiary amino based pH-responsive pentablock polymeric micelles for targeting anticancer drug delivery. <i>Materials Science and Engineering C</i> , <b>2018</b> , 82, 1-9	8.3	65
88	Effects of <i>Christensenella minuta</i> lipopolysaccharide on RAW 264.7 macrophages activation. <i>Microbial Pathogenesis</i> , <b>2018</b> , 125, 411-417	3.8	12
87	Rapid and efficient production of cecropin A antibacterial peptide in <i>Escherichia coli</i> by fusion with a self-aggregating protein. <i>BMC Biotechnology</i> , <b>2018</b> , 18, 62	3.5	6
86	Butyric acid: Applications and recent advances in its bioproduction. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 2101-2117	17.8	50
85	Gating Mechanism of Aquaporin Z in Synthetic Bilayers and Native Membranes Revealed by Solid-State NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7885-7895	16.4	17
84	Carbon storage regulator CsrA plays important roles in multiple virulence-associated processes of <i>Clostridium difficile</i> . <i>Microbial Pathogenesis</i> , <b>2018</b> , 121, 303-309	3.8	5
83	Stimuli-responsive shell cross-linked micelles from amphiphilic four-arm star copolymers as potential nanocarriers for pH/redox-triggered anticancer drug release. <i>Polymer</i> , <b>2017</b> , 114, 161-172	3.9	46
82	Effects of salting-out and salting-out extraction on the separation of butyric acid. <i>Separation and Purification Technology</i> , <b>2017</b> , 180, 44-50	8.3	28
81	Improving cellular robustness and butanol titers of <i>Clostridium acetobutylicum</i> ATCC824 by introducing heat shock proteins from an extremophilic bacterium. <i>Journal of Biotechnology</i> , <b>2017</b> , 252, 1-10	3.7	31
80	Enhanced butyric acid tolerance and production by Class I heat shock protein-overproducing <i>Clostridium tyrobutyricum</i> ATCC 25755. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2017</b> , 44, 1145-1156	4.2	28
79	Biodegradable Tissue Engineering Scaffolds Based on Nanocellulose/PLGA Nanocomposite for NIH 3T3 Cell Cultivation. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 3888-3895	1.3	16
78	Butyric acid production from lignocellulosic biomass hydrolysates by engineered <i>Clostridium tyrobutyricum</i> overexpressing xylose catabolism genes for glucose and xylose co-utilization. <i>Bioresource Technology</i> , <b>2017</b> , 234, 389-396	11	53

77	Metabolic engineering of <i>Clostridium tyrobutyricum</i> for enhanced butyric acid production from glucose and xylose. <i>Metabolic Engineering</i> , <b>2017</b> , 40, 50-58	9.7	56
76	pH-responsive unimolecular micelle-gold nanoparticles-drug nanohybrid system for cancer theranostics. <i>Acta Biomaterialia</i> , <b>2017</b> , 58, 455-465	10.8	65
75	Novel Cysteine Desulfidase CdsB Involved in Releasing Cysteine Repression of Toxin Synthesis in. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 531	5.9	9
74	Salubrinal protects against <i>Clostridium difficile</i> toxin B-induced CT26 cell death. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2017</b> , 49, 228-237	2.8	4
73	A novel secretion and online-cleavage strategy for production of cecropin A in <i>Escherichia coli</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 7368	4.9	8
72	The advanced strategy for enhancing biobutanol production and high-efficient product recovery with reduced wastewater generation. <i>Biotechnology for Biofuels</i> , <b>2017</b> , 10, 148	7.8	30
71	Rapid detection of <i>Clostridium difficile</i> toxins and laboratory diagnosis of <i>Clostridium difficile</i> infections. <i>Infection</i> , <b>2017</b> , 45, 255-262	5.8	12
70	Extractive fermentation for enhanced isopropanol and n -butanol production with mixtures of water insoluble aliphatic acids and oleyl alcohol. <i>Biochemical Engineering Journal</i> , <b>2017</b> , 117, 112-120	4.2	9
69	Poly(2-(diethylamino)ethyl methacrylate)-based, pH-responsive, copolymeric mixed micelles for targeting anticancer drug control release. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 6857-6870	7.3	15
68	Mutational analysis to identify the residues essential for the acetyltransferase activity of GlmU in <i>Bacillus subtilis</i> . <i>RSC Advances</i> , <b>2017</b> , 7, 13858-13867	3.7	3
67	PDEAEMA-based pH-sensitive amphiphilic pentablock copolymers for controlled anticancer drug delivery. <i>RSC Advances</i> , <b>2016</b> , 6, 68018-68027	3.7	22
66	Enhancing resolution of free-flow zone electrophoresis via a simple sheath-flow sample injection. <i>Electrophoresis</i> , <b>2016</b> , 37, 1992-7	3.6	4
65	Cell growth stimulating effect of <i>Ganoderma lucidum</i> spores and their potential application for Chinese hamster ovary K1 cell cultivation. <i>Bioprocess and Biosystems Engineering</i> , <b>2016</b> , 39, 925-35	3.7	2
64	High mobility group box1 protein is involved in acute inflammation induced by <i>Clostridium difficile</i> toxin A. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2016</b> , 48, 554-62	2.8	6
63	Anaerobic Fermentation for Production of Carboxylic Acids as Bulk Chemicals from Renewable Biomass. <i>Advances in Biochemical Engineering/Biotechnology</i> , <b>2016</b> , 156, 323-361	1.7	18
62	High Mobility Group Box1 Protein Is Involved in Endoplasmic Reticulum Stress Induced by <i>Clostridium difficile</i> Toxin A. <i>BioMed Research International</i> , <b>2016</b> , 2016, 4130834	3	3
61	High Efficient Expression, Purification, and Functional Characterization of Native Human Epidermal Growth Factor in. <i>BioMed Research International</i> , <b>2016</b> , 2016, 3758941	3	14
60	Development of Monoclonal Antibodies against HIV-1 p24 Protein and Its Application in Colloidal Gold Immunochromatographic Assay for HIV-1 Detection. <i>BioMed Research International</i> , <b>2016</b> , 2016, 6743904	3	10

59	Enhancement of Polymerase Activity of the Large Fragment in DNA Polymerase I from by Site-Directed Mutagenesis at the Active Site. <i>BioMed Research International</i> , <b>2016</b> , 2016, 2906484	3	10
58	Identification of an Essential Region for Translocation of Clostridium difficile Toxin B. <i>Toxins</i> , <b>2016</b> , 8,	4-9	9
57	Enhanced isopropanol and n-butanol production by supplying exogenous acetic acid via co-culturing two clostridium strains from cassava bagasse hydrolysate. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2016</b> , 43, 915-25	4-2	16
56	Improved Expression and Characterization of a Multidomain Xylanase from Thermoanaerobacterium aotearoense SCUT27 in Bacillus subtilis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 6430-9	5-7	17
55	Reactive oxygen species involved in CT26 immunogenic cell death induced by Clostridium difficile toxin B. <i>Immunology Letters</i> , <b>2015</b> , 164, 65-71	4-1	23
54	Clostridium difficile toxin B intoxicated mouse colonic epithelial CT26 cells stimulate the activation of dendritic cells. <i>Pathogens and Disease</i> , <b>2015</b> , 73,	4-2	5
53	Overexpression and characterization of a glucose-tolerant Eglucosidase from T. aotearoense with high specific activity for cellobiose. <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 8903-15	5-7	49
52	In-cell infection: a novel pathway for Epstein-Barr virus infection mediated by cell-in-cell structures. <i>Cell Research</i> , <b>2015</b> , 25, 785-800	24-7	27
51	Improved welan gum production by Alcaligenes sp. ATCC31555 from pretreated cane molasses. <i>Carbohydrate Polymers</i> , <b>2015</b> , 129, 35-43	10-3	31
50	Valorisation of mixed bakery waste in non-sterilized fermentation for L-lactic acid production by an evolved Thermoanaerobacterium sp. strain. <i>Bioresource Technology</i> , <b>2015</b> , 198, 47-54	11	30
49	Identification of antioxidative peptides from defatted walnut meal hydrolysate with potential for improving learning and memory. <i>Food Research International</i> , <b>2015</b> , 78, 216-223	7	65
48	Expression, characterization and mutagenesis of an FAD-dependent glucose dehydrogenase from Aspergillus terreus. <i>Enzyme and Microbial Technology</i> , <b>2015</b> , 68, 43-9	3-8	11
47	An enhanced sensitive electrochemical immunosensor based on efficient encapsulation of enzyme in silica matrix for the detection of human immunodeficiency virus p24. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 64, 324-32	11-8	57
46	The Role of Rho GTPases in Toxicity of Clostridium difficile Toxins. <i>Toxins</i> , <b>2015</b> , 7, 5254-67	4-9	31
45	Carbon Catabolite Repression and the Related Genes of ccpA, ptsH and hprK in Thermoanaerobacterium aotearoense. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142121	3-7	9
44	Development of a fluorescent immunochromatographic assay for the procalcitonin detection of clinical patients in China. <i>Clinica Chimica Acta</i> , <b>2015</b> , 444, 37-42	6-2	12
43	Review: progress in the diagnosis of dengue virus infections and importance of point of care test: a review. <i>Pakistan Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 28, 271-80	0-4	7
42	Preparation and characterization of double crosslinked hydrogel films from carboxymethylchitosan and carboxymethylcellulose. <i>Carbohydrate Polymers</i> , <b>2014</b> , 110, 113-20	10-3	37

41	Comparative performance of aldolase and lactate dehydrogenase rapid diagnostic tests in <i>Plasmodium vivax</i> detection. <i>Malaria Journal</i> , <b>2014</b> , 13, 272	3.6	17
40	Optimization of key factors affecting hydrogen production from sugarcane bagasse by a thermophilic anaerobic pure culture. <i>Biotechnology for Biofuels</i> , <b>2014</b> , 7, 119	7.8	11
39	Engineering clostridia for butanol production from biorenewable resources: from cells to process integration. <i>Current Opinion in Chemical Engineering</i> , <b>2014</b> , 6, 43-54	5.4	57
38	pH-responsive micelles based on (PCL) <sub>2</sub> (PDEA-b-PPEGMA) <sub>2</sub> miktoarm polymer: controlled synthesis, characterization, and application as anticancer drug carrier. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 243	5	40
37	A new strategy for recovery of two peptides without Glu employing glutamate-specific endopeptidase from <i>Bacillus licheniformis</i> . <i>Enzyme and Microbial Technology</i> , <b>2014</b> , 54, 25-31	3.8	1
36	Draft Genome Sequence of an Anaerobic, Thermophilic Bacterium, <i>Thermoanaerobacterium aotearoense</i> SCUT27, Isolated from a Hot Spring in China. <i>Genome Announcements</i> , <b>2014</b> , 2,		4
35	Recombinant <i>Clostridium difficile</i> toxin B induces endoplasmic reticulum stress in mouse colonal carcinoma cells. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2014</b> , 46, 973-81	2.8	8
34	Preparation and Characterization of the Fluorescent Carbon Dots Derived from the Lithium-Intercalated Graphite used for Cell Imaging. <i>Particle and Particle Systems Characterization</i> , <b>2014</b> , 31, 771-777	3.1	10
33	Self-assembly amphipathic peptides induce active enzyme aggregation that dramatically increases the operational stability of nitrilase. <i>RSC Advances</i> , <b>2014</b> , 4, 60675-60684	3.7	12
32	Malondialdehyde regulates glucose-stimulated insulin secretion in murine islets via TCF7L2-dependent Wnt signaling pathway. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 382, 8-16	4.4	24
31	Inoculation and alkali coeffect in volatile fatty acids production and microbial community shift in the anaerobic fermentation of waste activated sludge. <i>Bioresource Technology</i> , <b>2014</b> , 153, 87-94	11	20
30	Development of VHH antibodies against dengue virus type 2 NS1 and comparison with monoclonal antibodies for use in immunological diagnosis. <i>PLoS ONE</i> , <b>2014</b> , 9, e95263	3.7	29
29	Utility of <i>Clostridium difficile</i> toxin B for inducing anti-tumor immunity. <i>PLoS ONE</i> , <b>2014</b> , 9, e110826	3.7	13
28	Efficient expression, purification, and characterization of a novel FAD-dependent glucose dehydrogenase from <i>Aspergillus terreus</i> in <i>Pichia pastoris</i> . <i>Journal of Microbiology and Biotechnology</i> , <b>2014</b> , 24, 1516-24	3.3	14
27	Efficient production of L-lactic acid by an engineered <i>Thermoanaerobacterium aotearoense</i> with broad substrate specificity. <i>Biotechnology for Biofuels</i> , <b>2013</b> , 6, 124	7.8	29
26	Cell-based screening of traditional Chinese medicines for proliferation enhancers of mouse embryonic stem cells. <i>Biotechnology Progress</i> , <b>2013</b> , 29, 738-44	2.8	11
25	TRIM5 $\beta$ polymorphism identification in cynomolgus macaques of Vietnamese origin and Chinese rhesus macaques. <i>American Journal of Primatology</i> , <b>2013</b> , 75, 938-46	2.5	4
24	Cell-free expression of human glucosamine 6-phosphate N-acetyltransferase (HsGNA1) for inhibitor screening. <i>Protein Expression and Purification</i> , <b>2012</b> , 86, 120-6	2	5

23	Improvement of Vitreoscilla hemoglobin function by Bacillus licheformis glutamate-specific endopeptidase treatment. <i>Protein Expression and Purification</i> , <b>2012</b> , 86, 21-6	2	5
22	Cloning, expression, purification, and characterization of a glutamate-specific endopeptidase from Bacillus licheniformis. <i>Protein Expression and Purification</i> , <b>2012</b> , 82, 138-43	2	13
21	Biochemical characterization of human peroxiredoxin 2, an antioxidative protein. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2012</b> , 44, 759-64	2.8	5
20	Comprehensive identification of high-frequency and co-occurring Mafa-B, Mafa-DQB1, and Mafa-DRB alleles in cynomolgus macaques of Vietnamese origin. <i>Human Immunology</i> , <b>2012</b> , 73, 547-53	2.3	13
19	Bioethanol from fermentation of cassava pulp in a fibrous-bed bioreactor using immobilized Ldh, a genetically engineered Thermoanaerobacterium aotearoense. <i>Biotechnology and Bioprocess Engineering</i> , <b>2012</b> , 17, 1270-1277	3.1	3
18	A chimeric toxin vaccine protects against primary and recurrent Clostridium difficile infection. <i>Infection and Immunity</i> , <b>2012</b> , 80, 2678-88	3.7	68
17	Enhanced propionic acid production from Jerusalem artichoke hydrolysate by immobilized Propionibacterium acidipropionici in a fibrous-bed bioreactor. <i>Bioprocess and Biosystems Engineering</i> , <b>2012</b> , 35, 915-21	3.7	56
16	Control and optimization of Clostridium tyrobutyricum ATCC 25755 adhesion into fibrous matrix in a fibrous bed bioreactor. <i>Applied Biochemistry and Biotechnology</i> , <b>2011</b> , 165, 98-108	3.2	21
15	Enhanced butyric acid tolerance and bioproduction by Clostridium tyrobutyricum immobilized in a fibrous bed bioreactor. <i>Biotechnology and Bioengineering</i> , <b>2011</b> , 108, 31-40	4.9	113
14	Disruption of lactate dehydrogenase through homologous recombination to improve bioethanol production in Thermoanaerobacterium aotearoense. <i>Enzyme and Microbial Technology</i> , <b>2011</b> , 48, 155-61	3.8	25
13	Preparative scale cell-free production and quality optimization of Mray homologues in different expression modes. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 38844-53	5.4	52
12	Production of butyric acid from glucose and xylose with immobilized cells of Clostridium tyrobutyricum in a fibrous-bed bioreactor. <i>Applied Biochemistry and Biotechnology</i> , <b>2010</b> , 160, 350-9	3.2	58
11	High efficiency hydrogen production from glucose/xylose by the Ldh-deleted Thermoanaerobacterium strain. <i>Bioresource Technology</i> , <b>2010</b> , 101, 8718-24	11	67
10	Antibody-enhanced, Fc gamma receptor-mediated endocytosis of Clostridium difficile toxin A. <i>Infection and Immunity</i> , <b>2009</b> , 77, 2294-303	3.7	31
9	Development of direct competitive enzyme-linked immunosorbent assay for the determination cadmium residue in farm produce. <i>Applied Biochemistry and Biotechnology</i> , <b>2009</b> , 159, 708-17	3.2	15
8	Optimization of culture medium for yellow pigments production with Monascus anka mutant using response surface methodology. <i>European Food Research and Technology</i> , <b>2009</b> , 228, 895-901	3.4	34
7	High-level expression of soluble subunit b of F1F0 ATP synthase in Escherichia coli cell-free system. <i>Applied Microbiology and Biotechnology</i> , <b>2009</b> , 85, 303-11	5.7	11
6	Internalization of NK cells into tumor cells requires ezrin and leads to programmed cell-in-cell death. <i>Cell Research</i> , <b>2009</b> , 19, 1350-62	24.7	54



5	Butyric acid fermentation in a fibrous bed bioreactor with immobilized <i>Clostridium tyrobutyricum</i> from cane molasses. <i>Bioresource Technology</i> , <b>2009</b> , 100, 3403-9	11	157
4	Immunoassay for cadmium detection and quantification. <i>Biomedical and Environmental Sciences</i> , <b>2009</b> , 22, 188-93	1.1	13
3	Expression of recombinant <i>Clostridium difficile</i> toxin A and B in <i>Bacillus megaterium</i> . <i>BMC Microbiology</i> , <b>2008</b> , 8, 192	4.5	96
2	Analysis of the TCR alpha and beta chain CDR3 spectratypes in the peripheral blood of patients with Systemic Lupus Erythematosus. <i>Journal of Autoimmune Diseases</i> , <b>2008</b> , 5, 4		1
1	Optimization of fermentation media for nitrite oxidizing bacteria using sequential statistical design. <i>Bioresource Technology</i> , <b>2008</b> , 99, 7923-7	11	30