Ju-Fang Wang

List of Publications by Citations

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	Butyric acid fermentation in a fibrous bed bioreactor with immobilized Clostridium tyrobutyricum from cane molasses. *Bioresource Technology*, **2009**, 100, 3403-9	11	157
129	Enhanced butyric acid tolerance and bioproduction by Clostridium tyrobutyricum immobilized in a fibrous bed bioreactor. *Biotechnology and Bioengineering*, **2011**, 108, 31-40	4.9	113
128	Expression of recombinant Clostridium difficile toxin A and B in Bacillus megaterium. *BMC Microbiology*, **2008**, 8, 192	4.5	96
127	A chimeric toxin vaccine protects against primary and recurrent Clostridium difficile infection. *Infection and Immunity*, **2012**, 80, 2678-88	3.7	68
126	High efficiency hydrogen production from glucose/xylose by the ldh-deleted Thermoanaerobacterium strain. *Bioresource Technology*, **2010**, 101, 8718-24	11	67
125	Identification of antioxidative peptides from defatted walnut meal hydrolysate with potential for improving learning and memory. *Food Research International*, **2015**, 78, 216-223	7	65
124	pH-responsive unimolecular micelle-gold nanoparticles-drug nanohybrid system for cancer theranostics. *Acta Biomaterialia*, **2017**, 58, 455-465	10.8	65
123	Folic acid grafted and tertiary amino based pH-responsive pentablock polymeric micelles for targeting anticancer drug delivery. *Materials Science and Engineering C*, **2018**, 82, 1-9	8.3	65
122	Production of butyric acid from glucose and xylose with immobilized cells of Clostridium tyrobutyricum in a fibrous-bed bioreactor. *Applied Biochemistry and Biotechnology*, **2010**, 160, 350-9	3.2	58
121	An enhanced sensitive electrochemical immunosensor based on efficient encapsulation of enzyme in silica matrix for the detection of human immunodeficiency virus p24. *Biosensors and Bioelectronics*, **2015**, 64, 324-32	11.8	57
120	Engineering clostridia for butanol production from biorenewable resources: from cells to process integration. *Current Opinion in Chemical Engineering*, **2014**, 6, 43-54	5.4	57
119	Metabolic engineering of Clostridium tyrobutyricum for enhanced butyric acid production from glucose and xylose. *Metabolic Engineering*, **2017**, 40, 50-58	9.7	56
118	Enhanced propionic acid production from Jerusalem artichoke hydrolysate by immobilized Propionibacterium acidipropionici in a fibrous-bed bioreactor. *Bioprocess and Biosystems Engineering*, **2012**, 35, 915-21	3.7	56
117	Internalization of NK cells into tumor cells requires ezrin and leads to programmed cell-in-cell death. *Cell Research*, **2009**, 19, 1350-62	24.7	54
116	Butyric acid production from lignocellulosic biomass hydrolysates by engineered Clostridium tyrobutyricum overexpressing xylose catabolism genes for glucose and xylose co-utilization. *Bioresource Technology*, **2017**, 234, 389-396	11	53
115	Preparative scale cell-free production and quality optimization of MraY homologues in different expression modes. *Journal of Biological Chemistry*, **2011**, 286, 38844-53	5.4	52
114	Butyric acid: Applications and recent advances in its bioproduction. *Biotechnology Advances*, **2018**, 36, 2101-2117	17.8	50

113	Overexpression and characterization of a glucose-tolerant β-glucosidase from T. aotearoense with high specific activity for cellobiose. *Applied Microbiology and Biotechnology*, **2015**, 99, 8903-15	5.7	49
112	Stimuli-responsive shell cross-linked micelles from amphiphilic four-arm star copolymers as potential nanocarriers for pH/redox-triggered anticancer drug release. *Polymer*, **2017**, 114, 161-172	3.9	46
111	pH-responsive micelles based on (PCL)2(PDEA-b-PPEGMA)2 miktoarm polymer: controlled synthesis, characterization, and application as anticancer drug carrier. *Nanoscale Research Letters*, **2014**, 9, 243	5	40
110	Preparation and characterization of double crosslinked hydrogel films from carboxymethylchitosan and carboxymethylcellulose. *Carbohydrate Polymers*, **2014**, 110, 113-20	10.3	37
109	Butyric acid production from lignocellulosic biomass hydrolysates by engineered Clostridium tyrobutyricum overexpressing Class I heat shock protein GroESL. *Bioresource Technology*, **2018**, 250, 691-698	11	35
108	Optimization of culture medium for yellow pigments production with Monascus anka mutant using response surface methodology. *European Food Research and Technology*, **2009**, 228, 895-901	3.4	34
107	Improving cellular robustness and butanol titers of Clostridium acetobutylicum ATCC824 by introducing heat shock proteins from an extremophilic bacterium. *Journal of Biotechnology*, **2017**, 252, 1-10	3.7	31
106	Improved welan gum production by Alcaligenes sp. ATCC31555 from pretreated cane molasses. *Carbohydrate Polymers*, **2015**, 129, 35-43	10.3	31
105	The Role of Rho GTPases in Toxicity of Clostridium difficile Toxins. *Toxins*, **2015**, 7, 5254-67	4.9	31
104	Antibody-enhanced, Fc gamma receptor-mediated endocytosis of Clostridium difficile toxin A. *Infection and Immunity*, **2009**, 77, 2294-303	3.7	31
103	Valorisation of mixed bakery waste in non-sterilized fermentation for L-lactic acid production by an evolved Thermoanaerobacterium sp. strain. *Bioresource Technology*, **2015**, 198, 47-54	11	30
102	The advanced strategy for enhancing biobutanol production and high-efficient product recovery with reduced wastewater generation. *Biotechnology for Biofuels*, **2017**, 10, 148	7.8	30
101	Optimization of fermentation media for nitrite oxidizing bacteria using sequential statistical design. *Bioresource Technology*, **2008**, 99, 7923-7	11	30
100	Efficient production of l-lactic acid by an engineered Thermoanaerobacterium aotearoense with broad substrate specificity. *Biotechnology for Biofuels*, **2013**, 6, 124	7.8	29
99	Development of VHH antibodies against dengue virus type 2 NS1 and comparison with monoclonal antibodies for use in immunological diagnosis. *PLoS ONE*, **2014**, 9, e95263	3.7	29
98	Effects of salting-out and salting-out extraction on the separation of butyric acid. *Separation and Purification Technology*, **2017**, 180, 44-50	8.3	28
97	Enhanced butyric acid tolerance and production by Class I heat shock protein-overproducing Clostridium tyrobutyricum ATCC 25755. *Journal of Industrial Microbiology and Biotechnology*, **2017**, 44, 1145-1156	4.2	28
96	In-cell infection: a novel pathway for Epstein-Barr virus infection mediated by cell-in-cell structures. *Cell Research*, **2015**, 25, 785-800	24.7	27

95	Disruption of lactate dehydrogenase through homologous recombination to improve bioethanol production in Thermoanaerobacterium aotearoense. *Enzyme and Microbial Technology*, **2011**, 48, 155-61	3.8	25
94	Production of n-butanol from cassava bagasse hydrolysate by engineered Clostridium tyrobutyricum overexpressing adhE2: Kinetics and cost analysis. *Bioresource Technology*, **2019**, 292, 121969	11	24
93	Multistage pH-responsive mesoporous silica nanohybrids with charge reversal and intracellular release for efficient anticancer drug delivery. *Journal of Colloid and Interface Science*, **2019**, 555, 82-93	9.3	24
92	Malondialdehyde regulates glucose-stimulated insulin secretion in murine islets via TCF7L2-dependent Wnt signaling pathway. *Molecular and Cellular Endocrinology*, **2014**, 382, 8-16	4.4	24
91	Nanocellulose/PEGDA aerogel scaffolds with tunable modulus prepared by stereolithography for three-dimensional cell culture. *Journal of Biomaterials Science, Polymer Edition*, **2019**, 30, 797-814	3.5	23
90	Reactive oxygen species involved in CT26 immunogenic cell death induced by Clostridium difficile toxin B. *Immunology Letters*, **2015**, 164, 65-71	4.1	23
89	PDEAEMA-based pH-sensitive amphiphilic pentablock copolymers for controlled anticancer drug delivery. *RSC Advances*, **2016**, 6, 68018-68027	3.7	22
88	Control and optimization of Clostridium tyrobutyricum ATCC 25755 adhesion into fibrous matrix in a fibrous bed bioreactor. *Applied Biochemistry and Biotechnology*, **2011**, 165, 98-108	3.2	21
87	Metabolic engineering of Clostridium tyrobutyricum for enhanced butyric acid production from undetoxified corncob acid hydrolysate. *Bioresource Technology*, **2019**, 271, 266-273	11	21
86	Metabolic engineering of Clostridium tyrobutyricum for enhanced butyric acid production with high butyrate/acetate ratio. *Applied Microbiology and Biotechnology*, **2018**, 102, 4511-4522	5.7	20
85	Inoculation and alkali coeffect in volatile fatty acids production and microbial community shift in the anaerobic fermentation of waste activated sludge. *Bioresource Technology*, **2014**, 153, 87-94	11	20
84	Anaerobic Fermentation for Production of Carboxylic Acids as Bulk Chemicals from Renewable Biomass. *Advances in Biochemical Engineering/Biotechnology*, **2016**, 156, 323-361	1.7	18
83	Cholesterol inhibits entotic cell-in-cell formation and actomyosin contraction. *Biochemical and Biophysical Research Communications*, **2018**, 495, 1440-1446	3.4	18
82	Improved Expression and Characterization of a Multidomain Xylanase from Thermoanaerobacterium aotearoense SCUT27 in Bacillus subtilis. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 6430-9	5.7	17
81	Comparative performance of aldolase and lactate dehydrogenase rapid diagnostic tests in Plasmodium vivax detection. *Malaria Journal*, **2014**, 13, 272	3.6	17
80	The significance of proline on lignocellulose-derived inhibitors tolerance in Clostridium acetobutylicum ATCC 824. *Bioresource Technology*, **2019**, 272, 561-569	11	17
79	Gating Mechanism of Aquaporin Z in Synthetic Bilayers and Native Membranes Revealed by Solid-State NMR Spectroscopy. *Journal of the American Chemical Society*, **2018**, 140, 7885-7895	16.4	17
78	Biodegradable Tissue Engineering Scaffolds Based on Nanocellulose/PLGA Nanocomposite for NIH 3T3 Cell Cultivation. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 3888-3895	1.3	16

77	Recent advances in n-butanol and butyrate production using engineered Clostridium tyrobutyricum. *World Journal of Microbiology and Biotechnology*, **2020**, 36, 138	4.4	16
76	Enhanced isopropanol and n-butanol production by supplying exogenous acetic acid via co-culturing two clostridium strains from cassava bagasse hydrolysate. *Journal of Industrial Microbiology and Biotechnology*, **2016**, 43, 915-25	4.2	16
75	Enhanced butyric acid production in Clostridium tyrobutyricum by overexpression of rate-limiting enzymes in the Embden-Meyerhof-Parnas pathway. *Journal of Biotechnology*, **2018**, 272-273, 14-21	3.7	15
74	Poly(2-(diethylamino)ethyl methacrylate)-based, pH-responsive, copolymeric mixed micelles for targeting anticancer drug control release. *International Journal of Nanomedicine*, **2017**, 12, 6857-6870	7.3	15
73	Development of direct competitive enzyme-linked immunosorbent assay for the determination cadmium residue in farm produce. *Applied Biochemistry and Biotechnology*, **2009**, 159, 708-17	3.2	15
72	Efficient expression, purification, and characterization of a novel FAD-dependent glucose dehydrogenase from Aspergillus terreus in Pichia pastoris. *Journal of Microbiology and Biotechnology*, **2014**, 24, 1516-24	3.3	14
71	High Efficient Expression, Purification, and Functional Characterization of Native Human Epidermal Growth Factor in. *BioMed Research International*, **2016**, 2016, 3758941	3	14
70	Engineered with knockout for improved hydrogen production from lignocellulose hydrolysates. *Biotechnology for Biofuels*, **2019**, 12, 214	7.8	13
69	Cloning, expression, purification, and characterization of a glutamate-specific endopeptidase from Bacillus licheniformis. *Protein Expression and Purification*, **2012**, 82, 138-43	2	13
68	Comprehensive identification of high-frequency and co-occurring Mafa-B, Mafa-DQB1, and Mafa-DRB alleles in cynomolgus macaques of Vietnamese origin. *Human Immunology*, **2012**, 73, 547-53	2.3	13
67	Immunoassay for cadmium detection and quantification. *Biomedical and Environmental Sciences*, **2009**, 22, 188-93	1.1	13
66	Utility of Clostridium difficile toxin B for inducing anti-tumor immunity. *PLoS ONE*, **2014**, 9, e110826	3.7	13
65	Direct conversion of untreated cane molasses into butyric acid by engineered Clostridium tyrobutyricum. *Bioresource Technology*, **2020**, 301, 122764	11	13
64	Rapid detection of Clostridium difficile toxins and laboratory diagnosis of Clostridium difficile infections. *Infection*, **2017**, 45, 255-262	5.8	12
63	Development of a fluorescent immnunochromatographic assay for the procalcitonin detection of clinical patients in China. *Clinica Chimica Acta*, **2015**, 444, 37-42	6.2	12
62	Self-assembly amphipathic peptides induce active enzyme aggregation that dramatically increases the operational stability of nitrilase. *RSC Advances*, **2014**, 4, 60675-60684	3.7	12
61	Design, expression, and characterization of a novel cecropin A-derived peptide with high antibacterial activity. *Applied Microbiology and Biotechnology*, **2019**, 103, 1765-1775	5.7	12
60	Effects of Christensenella minuta lipopolysaccharide on RAW 264.7 macrophages activation. *Microbial Pathogenesis*, **2018**, 125, 411-417	3.8	12

59	Expression, characterization and mutagenesis of an FAD-dependent glucose dehydrogenase from Aspergillus terreus. *Enzyme and Microbial Technology*, **2015**, 68, 43-9	3.8	11
58	Butyric acid production from spent coffee grounds by engineered Clostridium tyrobutyricum overexpressing galactose catabolism genes. *Bioresource Technology*, **2020**, 304, 122977	11	11
57	Optimization of key factors affecting hydrogen production from sugarcane bagasse by a thermophilic anaerobic pure culture. *Biotechnology for Biofuels*, **2014**, 7, 119	7.8	11
56	Cell-based screening of traditional Chinese medicines for proliferation enhancers of mouse embryonic stem cells. *Biotechnology Progress*, **2013**, 29, 738-44	2.8	11
55	High-level expression of soluble subunit b of F1F0 ATP synthase in Escherichia coli cell-free system. *Applied Microbiology and Biotechnology*, **2009**, 85, 303-11	5.7	11
54	Improving the fermentation performance of Clostridium acetobutylicum ATCC 824 by strengthening the VB1 biosynthesis pathway. *Applied Microbiology and Biotechnology*, **2018**, 102, 8107-8119	5.7	10
53	The global regulator IrrE from Deinococcus radiodurans enhances the furfural tolerance of Saccharomyces cerevisiae. *Biochemical Engineering Journal*, **2018**, 136, 69-77	4.2	10
52	Preparation and Characterization of the Fluorescent Carbon Dots Derived from the Lithium-Intercalated Graphite used for Cell Imaging. *Particle and Particle Systems Characterization*, **2014**, 31, 771-777	3.1	10
51	Development of Monoclonal Antibodies against HIV-1 p24 Protein and Its Application in Colloidal Gold Immunochromatographic Assay for HIV-1 Detection. *BioMed Research International*, **2016**, 2016, 6743904	3	10
50	Enhancement of Polymerase Activity of the Large Fragment in DNA Polymerase I from by Site-Directed Mutagenesis at the Active Site. *BioMed Research International*, **2016**, 2016, 2906484	3	10
49	Novel Cysteine Desulfidase CdsB Involved in Releasing Cysteine Repression of Toxin Synthesis in. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 531	5.9	9
48	Extractive fermentation for enhanced isopropanol and n -butanol production with mixtures of water insoluble aliphatic acids and oleyl alcohol. *Biochemical Engineering Journal*, **2017**, 117, 112-120	4.2	9
47	Carbon Catabolite Repression and the Related Genes of ccpA, ptsH and hprK in Thermoanaerobacterium aotearoense. *PLoS ONE*, **2015**, 10, e0142121	3.7	9
46	Identification of an Essential Region for Translocation of Clostridium difficile Toxin B. *Toxins*, **2016**, 8,	4.9	9
45	High-Selectivity Butyric Acid Production from Saccharina japonica Hydrolysate by Clostridium tyrobutyricum. *Industrial & Engineering Chemistry Research*, **2020**, 59, 17147-17155	3.9	8
44	Facile In Situ Preparation and In Vitro Antibacterial Activity of PDMAEMA-Based Silver-Bearing Copolymer Micelles. *Nanoscale Research Letters*, **2019**, 14, 256	5	8
43	A novel secretion and online-cleavage strategy for production of cecropin A in Escherichia coli. *Scientific Reports*, **2017**, 7, 7368	4.9	8
42	Recombinant Clostridium difficile toxin B induces endoplasmic reticulum stress in mouse colonal carcinoma cells. *Acta Biochimica Et Biophysica Sinica*, **2014**, 46, 973-81	2.8	8

41	Deciphering mixotrophic Clostridium formicoaceticum metabolism and energy conservation: Genomic analysis and experimental studies. *Genomics*, **2019**, 111, 1687-1694	4.3	8
40	Nanocellulose/PEGDA Aerogels with Tunable Poisson's Ratio Fabricated by Stereolithography for Mouse Bone Marrow Mesenchymal Stem Cell Culture. *Nanomaterials*, **2021**, 11,	5.4	8
39	Engineering Thermoanaerobacterium aotearoense SCUT27 with argR knockout for enhanced ethanol production from lignocellulosic hydrolysates. *Bioresource Technology*, **2020**, 310, 123435	11	7
38	The significance of aspartate on NAD(H) biosynthesis and ABE fermentation in Clostridium acetobutylicum ATCC 824. *AMB Express*, **2019**, 9, 142	4.1	7
37	Review: progress in the diagnosis of dengue virus infections and importance of point of care test: a review. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 271-80	0.4	7
36	High mobility group box1 protein is involved in acute inflammation induced by Clostridium difficile toxin A. *Acta Biochimica Et Biophysica Sinica*, **2016**, 48, 554-62	2.8	6
35	Effects of benzyl viologen on increasing NADH availability, acetate assimilation, and butyric acid production by Clostridium tyrobutyricum. *Biotechnology and Bioengineering*, **2021**, 118, 770-783	4.9	6
34	A simple and low-cost paper-based colorimetric method for detecting and distinguishing the GII.4 and GII.17 genotypes of norovirus. *Talanta*, **2021**, 225, 121978	6.2	6
33	Rapid and efficient production of cecropin A antibacterial peptide in Escherichia coli by fusion with a self-aggregating protein. *BMC Biotechnology*, **2018**, 18, 62	3.5	6
32	Clostridium difficile toxin B intoxicated mouse colonic epithelial CT26 cells stimulate the activation of dendritic cells. *Pathogens and Disease*, **2015**, 73,	4.2	5
31	The redox-sensing transcriptional repressor Rex is important for regulating the products distribution in Thermoanaerobacterium aotearoense SCUT27. *Applied Microbiology and Biotechnology*, **2020**, 104, 5605-5617	5.7	5
30	Cell-free expression of human glucosamine 6-phosphate N-acetyltransferase (HsGNA1) for inhibitor screening. *Protein Expression and Purification*, **2012**, 86, 120-6	2	5
29	Improvement of Vitreoscilla hemoglobin function by Bacillus licheformis glutamate-specific endopeptidase treatment. *Protein Expression and Purification*, **2012**, 86, 21-6	2	5
28	Biochemical characterization of human peroxiredoxin 2, an antioxidative protein. *Acta Biochimica Et Biophysica Sinica*, **2012**, 44, 759-64	2.8	5
27	Sensitive detection of foodborne pathogens based on CRISPR-Cas13a. *Journal of Food Science*, **2021**, 86, 2615-2625	3.4	5
26	Butanol production from Saccharina japonica hydrolysate by engineered Clostridium tyrobutyricum: The effects of pretreatment method and heat shock protein overexpression. *Bioresource Technology*, **2021**, 335, 125290	11	5
25	Detection and differentiation of respiratory syncytial virus subgroups A and B with colorimetric toehold switch sensors in a paper-based cell-free system. *Biosensors and Bioelectronics*, **2021**, 182, 113173	11.8	5
24	Carbon storage regulator CsrA plays important roles in multiple virulence-associated processes of Clostridium difficile. *Microbial Pathogenesis*, **2018**, 121, 303-309	3.8	5

23	Mass ratio quantitative detection for kidney bean in lotus seed paste using duplex droplet digital PCR and chip digital PCR. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 1701-1707	4.4	4
22	Enhancing resolution of free-flow zone electrophoresis via a simple sheath-flow sample injection. *Electrophoresis*, **2016**, 37, 1992-7	3.6	4
21	Time-resolved transcriptome analysis of Clostridium difficile R20291 response to cysteine. *Microbiological Research*, **2018**, 215, 114-125	5.3	4
20	Draft Genome Sequence of an Anaerobic, Thermophilic Bacterium, Thermoanaerobacterium aotearoense SCUT27, Isolated from a Hot Spring in China. *Genome Announcements*, **2014**, 2,		4
19	Salubrinal protects against Clostridium difficile toxin B-induced CT26 cell death. *Acta Biochimica Et Biophysica Sinica*, **2017**, 49, 228-237	2.8	4
18	TRIM5 polymorphism identification in cynomolgus macaques of Vietnamese origin and Chinese rhesus macaques. *American Journal of Primatology*, **2013**, 75, 938-46	2.5	4
17	Isolation and characterization of a newly identified Clostridium butyricum strain SCUT343-4 for 1,3-propanediol production. *Bioprocess and Biosystems Engineering*, **2021**, 44, 2375-2385	3.7	4
16	Mining Listeria monocytogenes single nucleotide polymorphism sites to identify the major serotypes using allele-specific multiplex PCR. *International Journal of Food Microbiology*, **2020**, 335, 108885	5.8	3
15	Bioethanol from fermentation of cassava pulp in a fibrous-bed bioreactor using immobilized dh, a genetically engineered Thermoanaerobacterium aotearoense. *Biotechnology and Bioprocess Engineering*, **2012**, 17, 1270-1277	3.1	3
14	Mutational analysis to identify the residues essential for the acetyltransferase activity of GlmU in Bacillus subtilis. *RSC Advances*, **2017**, 7, 13858-13867	3.7	3
13	High Mobility Group Box1 Protein Is Involved in Endoplasmic Reticulum Stress Induced by Clostridium difficile Toxin A. *BioMed Research International*, **2016**, 2016, 4130834	3	3
12	Cell growth stimulating effect of Ganoderma lucidum spores and their potential application for Chinese hamster ovary K1 cell cultivation. *Bioprocess and Biosystems Engineering*, **2016**, 39, 925-35	3.7	2
11	High-mobility group box 1 protein contributes to the immunogenicity of rTcdB-treated CT26 cells. *Acta Biochimica Et Biophysica Sinica*, **2018**, 50, 921-928	2.8	2
10	Enhanced ethanol production from lignocellulosic hydrolysates by inhibiting the hydrogen synthesis in Thermoanaerobacterium aotearoense SCUT27(dh). *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 3305-3314	3.5	2
9	Advantages of Lateral Flow Assays Based on Fluorescent Submicrospheres and Quantum Dots for Toxin B Detection. *Toxins*, **2020**, 12,	4.9	2
8	Engineering Thermoanaerobacterium aotearoense SCUT27/dh with pyruvate formate lyase-activating protein (PflA) knockout for enhanced ethanol tolerance and production. *Process Biochemistry*, **2021**, 106, 184-190	4.8	2
7	A new strategy for recovery of two peptides without Glu employing glutamate-specific endopeptidase from Bacillus licheniformis. *Enzyme and Microbial Technology*, **2014**, 54, 25-31	3.8	1
6	Analysis of the TCR alpha and beta chain CDR3 spectratypes in the peripheral blood of patients with Systemic Lupus Erythematosus. *Journal of Autoimmune Diseases*, **2008**, 5, 4		1

5	Rapid and fully-automated detection of Toxin B via magnetic-particle-based chemiluminescent immunoassay. *American Journal of Translational Research (discontinued)*, **2020**, 12, 4228-4236	3	1
4	Mesoporous Silica Nanoprodrug Encapsulated with Near-Infrared Absorption Dye for Photothermal Therapy Combined with Chemotherapy.. *ACS Applied Bio Materials*, **2021**, 4, 8225-8235	4.1	1
3	Metabolic engineering of Thermoanaerobacterium aotearoense SCUT27 for glucose and cellobiose co-utilization by identification and overexpression of the endogenous cellobiose operon. *Biochemical Engineering Journal*, **2021**, 167, 107922	4.2	1
2	Enhanced ethanol production from lignocellulosic hydrolysates by Thermoanaerobacterium aotearoense SCUT27/ΔrgR1864 with improved lignocellulose-derived inhibitors tolerance. *Renewable Energy*, **2021**, 173, 652-661	8.1	1
1	Elimination of carbon catabolite repression in Clostridium tyrobutyricum for enhanced butyric acid production from lignocellulosic hydrolysates.. *Bioresource Technology*, **2022**, 127320	11	0