

# Barbora Bransk

## List of Publications by Citations

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37  
papers

615  
citations

14  
h-index

24  
g-index

38  
ext. papers

727  
ext. citations

5.5  
avg, IF

4.02  
L-index

#	Paper	IF	Citations
37	Lignocellulosic ethanol: Technology design and its impact on process efficiency. <i>Biotechnology Advances</i> , <b>2015</b> , 33, 1091-107	17.8	117
36	Electrodialysis as a useful technique for lactic acid separation from a model solution and a fermentation broth. <i>Desalination</i> , <b>2004</b> , 162, 361-372	10.3	94
35	Transformation of raw feather waste into digestible peptides and amino acids. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2016</b> , 91, 1629-1637	3.5	42
34	Use of a mixture of glucose and methanol as substrates for the production of recombinant trypsinogen in continuous cultures with <i>Pichia pastoris</i> Mut+. <i>Journal of Biotechnology</i> , <b>2012</b> , 157, 180-8	3.7	38
33	Comparative analysis of high butanol tolerance and production in clostridia. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 721-738	17.8	37
32	Acidogenesis, solventogenesis, metabolic stress response and life cycle changes in <i>Clostridium beijerinckii</i> NRRL B-598 at the transcriptomic level. <i>Scientific Reports</i> , <b>2019</b> , 9, 1371	4.9	34
31	Evaluation of viability, metabolic activity and spore quantity in clostridial cultures during ABE fermentation. <i>FEMS Microbiology Letters</i> , <b>2016</b> , 363,	2.9	29
30	Continuous production of n-butanol by <i>Clostridium pasteurianum</i> DSM 525 using suspended and surface-immobilized cells. <i>Journal of Biotechnology</i> , <b>2015</b> , 216, 29-35	3.7	25
29	Flow cytometry analysis of NRRL B-598 populations exhibiting different phenotypes induced by changes in cultivation conditions. <i>Biotechnology for Biofuels</i> , <b>2018</b> , 11, 99	7.8	23
28	Effect of initial pH, different nitrogen sources, and cultivation time on the production of yellow or orange pigments and the mycotoxin citrinin. <i>Food Science and Nutrition</i> , <b>2019</b> , 7, 3494-3500	3.2	23
27	Complete genome sequence of <i>Clostridium pasteurianum</i> NRRL B-598, a non-type strain producing butanol. <i>Journal of Biotechnology</i> , <b>2015</b> , 214, 113-4	3.7	22
26	Chicken feather and wheat straw hydrolysate for direct utilization in biobutanol production. <i>Renewable Energy</i> , <b>2020</b> , 145, 1941-1948	8.1	18
25	Rapid flow cytometric method for viability determination of solventogenic clostridia. <i>Folia Microbiologica</i> , <b>2012</b> , 57, 307-11	2.8	15
24	Transcription profiling of butanol producer <i>Clostridium beijerinckii</i> NRRL B-598 using RNA-Seq. <i>BMC Genomics</i> , <b>2018</b> , 19, 415	4.5	14
23	A transcriptional response of NRRL B-598 to a butanol shock. <i>Biotechnology for Biofuels</i> , <b>2019</b> , 12, 243	7.8	14
22	Use of fluorescent staining and flow cytometry for monitoring physiological changes in solventogenic clostridia. <i>Anaerobe</i> , <b>2014</b> , 29, 113-7	2.8	11
21	Transcriptional analysis of amino acid, metal ion, vitamin and carbohydrate uptake in butanol-producing <i>Clostridium beijerinckii</i> NRRL B-598. <i>PLoS ONE</i> , <b>2019</b> , 14, e0224560	3.7	10

20	Comparison of expression of key sporulation, solventogenic and acetogenic genes in <i>C. beijerinckii</i> NRRL B-598 and its mutant strain overexpressing spo0A. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 8279-8291	5.7	9
19	Use of wheat straw and chicken feather hydrolysates as a complete medium for lactic acid production. <i>Czech Journal of Food Sciences</i> , <b>2018</b> , 36, 146-153	1.3	6
18	Comparison of Lactic Acid Production by <i>L. casei</i> in Batch, Fed-batch and Continuous Cultivation, Testing the use of Feather Hydrolysate as a Complex Nitrogen Source. <i>Brazilian Archives of Biology and Technology</i> , <b>63</b> ,	1.8	5
17	Phenotypic and genomic analysis of isopropanol and 1,3-propanediol producer <i>Clostridium diolis</i> DSM 15410. <i>Genomics</i> , <b>2021</b> , 113, 1109-1119	4.3	5
16	Effective continuous acetone-butanol-ethanol production with full utilization of cassava by immobilized symbiotic TSH06. <i>Biotechnology for Biofuels</i> , <b>2019</b> , 12, 219	7.8	4
15	Phenotypic and Genomic Analysis of NRRL B-598 Mutants With Increased Butanol Tolerance. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 598392	5.8	4
14	Application of Flow Cytometry to <i>Saccharomyces cerevisiae</i> Population Analysis. <i>Chimia</i> , <b>2005</b> , 59, 745-748	4.8	3
13	Identification and Validation of Reference Genes in NRRL B-598 for RT-qPCR Using RNA-Seq Data. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 640054	5.7	3
12	Deeper below the surface-transcriptional changes in selected genes of <i>Clostridium beijerinckii</i> in response to butanol shock. <i>MicrobiologyOpen</i> , <b>2021</b> , 10, e1146	3.4	3
11	Production and cleavage of a fusion protein of porcine trypsinogen and enhanced green fluorescent protein (EGFP) in <i>Pichia pastoris</i> . <i>Folia Microbiologica</i> , <b>2018</b> , 63, 773-787	2.8	2
10	Changes in efflux pump activity of <i>Clostridium beijerinckii</i> throughout ABE fermentation. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 877-889	5.7	2
9	Diversity and Evolution of <i>Clostridium beijerinckii</i> and Complete Genome of the Type Strain DSM 791T. <i>Processes</i> , <b>2021</b> , 9, 1196	2.9	1
8	Transcriptomic studies of solventogenic clostridia, <i>Clostridium acetobutylicum</i> and <i>Clostridium beijerinckii</i> .. <i>Biotechnology Advances</i> , <b>2021</b> , 107889	17.8	1
7	Monascus Secondary Metabolites <b>2015</b> , 1-31		
6	Microbial production of butanol from food industry waste <b>2020</b> , 163-180		
5	Effect of a sp. Red Yeast Rice Extract on Germination of Bacterial Spores. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 686100	5.7	
4	Transcriptional analysis of amino acid, metal ion, vitamin and carbohydrate uptake in butanol-producing <i>Clostridium beijerinckii</i> NRRL B-598 <b>2019</b> , 14, e0224560		
3	Transcriptional analysis of amino acid, metal ion, vitamin and carbohydrate uptake in butanol-producing <i>Clostridium beijerinckii</i> NRRL B-598 <b>2019</b> , 14, e0224560		

2 Transcriptional analysis of amino acid, metal ion, vitamin and carbohydrate uptake in butanol-producing *Clostridium beijerinckii* NRRL B-598 **2019**, 14, e0224560

1 Transcriptional analysis of amino acid, metal ion, vitamin and carbohydrate uptake in butanol-producing *Clostridium beijerinckii* NRRL B-598 **2019**, 14, e0224560