

Jungyeon Kim

List of Publications by Year in descending order

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27
papers

685
citations

566801

15
h-index

580395

25
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27
all docs

27
docs citations

27
times ranked

1292
citing authors

#	ARTICLE	IF	CITATIONS
1	Food metabolomics: from farm to human. <i>Current Opinion in Biotechnology</i> , 2016, 37, 16-23.	3.3	98
2	PHO13 deletion-induced transcriptional activation prevents sedoheptulose accumulation during xylose metabolism in engineered <i>Saccharomyces cerevisiae</i> . <i>Metabolic Engineering</i> , 2016, 34, 88-96.	3.6	74
3	GC/TOF-MS-based metabolomic profiling in cultured fibroblast-like synoviocytes from rheumatoid arthritis. <i>Joint Bone Spine</i> , 2016, 83, 707-713.	0.8	63
4	Metabolite profiles of synovial fluid change with the radiographic severity of knee osteoarthritis. <i>Joint Bone Spine</i> , 2017, 84, 605-610.	0.8	63
5	Enhanced production of 2,3-butanediol by engineered <i>Saccharomyces cerevisiae</i> through fine-tuning of pyruvate decarboxylase and NADH oxidase activities. <i>Biotechnology for Biofuels</i> , 2016, 9, 265.	6.2	48
6	Biomass, strain engineering, and fermentation processes for butanol production by solventogenic clostridia. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8255-8271.	1.7	44
7	Comprehensive genomic and transcriptomic analysis of polycyclic aromatic hydrocarbon degradation by a mycoremediation fungus, <i>Dentipellis</i> sp. KUC8613. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8145-8155.	1.7	41
8	Metabolomic Elucidation of the Effects of Curcumin on Fibroblast-Like Synoviocytes in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2015, 10, e0145539.	1.1	37
9	Elucidation of ethanol tolerance mechanisms in <i>Saccharomyces cerevisiae</i> by global metabolite profiling. <i>Biotechnology Journal</i> , 2016, 11, 1221-1229.	1.8	26
10	Ex situ product recovery and strain engineering of <i>Clostridium acetobutylicum</i> for enhanced production of butanol. <i>Process Biochemistry</i> , 2015, 50, 1683-1691.	1.8	21
11	Optimization of hexanoic acid production in recombinant <i>Escherichia coli</i> by precise flux rebalancing. <i>Bioresource Technology</i> , 2018, 247, 1253-1257.	4.8	21
12	Urinary Metabolomic Profiling to Identify Potential Biomarkers for the Diagnosis of Behcet's Disease by Gas Chromatography/Time-of-Flight Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2309.	1.8	19
13	Metabolomic and Transcriptomic Analyses of <i>Escherichia coli</i> for Efficient Fermentation of L-Fucose. <i>Marine Drugs</i> , 2019, 17, 82.	2.2	19
14	Metabolite profile changes and increased antioxidative and antiinflammatory activities of mixed vegetables after fermentation by <i>Lactobacillus plantarum</i> . <i>PLoS ONE</i> , 2019, 14, e0217180.	1.1	19
15	A Comparative Metabolomic Evaluation of Behcet's Disease with Arthritis and Seronegative Arthritis Using Synovial Fluid. <i>PLoS ONE</i> , 2015, 10, e0135856.	1.1	18
16	Potential metabolomic biomarkers for reliable diagnosis of Behcet's disease using gas chromatography/ time-of-flight-mass spectrometry. <i>Joint Bone Spine</i> , 2018, 85, 337-343.	0.8	18
17	Metabolomic elucidation of the effects of media and carbon sources on fatty acid production by <i>Yarrowia lipolytica</i> . <i>Journal of Biotechnology</i> , 2018, 272-273, 7-13.	1.9	10
18	Metabolomic Elucidation of the Effect of Sucrose on the Secondary Metabolite Profiles in <i>Melissa officinalis</i> by Ultraperformance Liquid Chromatography Mass Spectrometry. <i>ACS Omega</i> , 2020, 5, 33186-33195.	1.6	10

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19	The water channel protein aquaporin 1 regulates cellular metabolism and competitive fitness in a global fungal pathogen <i>Cryptococcus neoformans</i> . <i>Environmental Microbiology Reports</i> , 2017, 9, 268-278.	1.0	8
20	Zmo0994, a novel LEA-like protein from <i>Zymomonas mobilis</i> , increases multi-abiotic stress tolerance in <i>Escherichia coli</i> . <i>Biotechnology for Biofuels</i> , 2020, 13, 151.	6.2	7
21	Systematic re-evaluation of the long-used standard protocol of urease-dependent metabolome sample preparation. <i>PLoS ONE</i> , 2020, 15, e0230072.	1.1	6
22	Ex situ product recovery for enhanced butanol production by <i>Clostridium beijerinckii</i> . <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 695-702.	1.7	4
23	A New Shuttle Plasmid That Stably Replicates in <i>Clostridium acetobutylicum</i> . <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1702-1708.	0.9	4
24	Engineering of <i>Klebsiella oxytoca</i> for the Production of 2,3-Butanediol from High Concentration of Xylose. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	3
25	Variation in the synovial fluid metabolome according to disease activity of rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2020, 38, 500-507.	0.4	3
26	Evaluation and optimization of quantitative analysis of cofactors from yeast by liquid chromatography/mass spectrometry. <i>Analytica Chimica Acta</i> , 2022, 1211, 339890.	2.6	1
27	Metabolic discrimination of synovial fluid between rheumatoid arthritis and osteoarthritis using gas chromatography/time-of-flight mass spectrometry. <i>Metabolomics</i> , 2022, 18, .	1.4	0