

Won-Suk Song

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

319
citations

933447

10
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrative multiomics approach to characterize antiadipogenic and anti lipogenic effects of <i>Akkermansia muciniphila</i> in adipocytes. <i>Biotechnology Journal</i> , 2022, 17, e2100397.	3.5	15
2	Synthesis of soluble melanin nanoparticles under acidic conditions using <i>Burkholderia cepacia</i> tyrosinase and their characterization. <i>RSC Advances</i> , 2022, 12, 17434-17442.	3.6	4
3	Production of Tyrian purple indigoid dye from tryptophan in <i>Escherichia coli</i> . <i>Nature Chemical Biology</i> , 2021, 17, 104-112.	8.0	32
4	Development of an in vitro coculture device for the investigation of host-microbe interactions via integrative multiomics approaches. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1593-1604.	3.3	9
5	Chemical derivatization-based LC-MS/MS method for quantitation of gut microbial short-chain fatty acids. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 83, 297-302.	5.8	23
6	Multi-omics characterization of the osmotic stress resistance and protease activities of the halophilic bacterium <i>Pseudoalteromonas phenolica</i> in response to salt stress. <i>RSC Advances</i> , 2020, 10, 23792-23800.	3.6	11
7	Multi-omics based characterization of antibiotic response in clinical isogenic isolates of methicillin-susceptible/-resistant <i>Staphylococcus aureus</i> . <i>RSC Advances</i> , 2020, 10, 27864-27873.	3.6	7
8	LC-MS/MS based observation of <i>Clostridium difficile</i> inhibition by <i>Lactobacillus rhamnosus</i> GG. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 85, 161-169.	5.8	4
9	Structural characterization of phosphoethanolamine-modified lipid A from probiotic <i>Escherichia coli</i> strain Nissle 1917. <i>RSC Advances</i> , 2019, 9, 19762-19771.	3.6	6
10	MALDI-TOF MS-based total serum protein fingerprinting for liver cancer diagnosis. <i>Analyst</i> , 2019, 144, 2231-2238.	3.5	21
11	A MALDI-MS-based Glucan Hydrolase Assay Method for Whole-cell Biocatalysis. <i>Microbiology and Biotechnology Letters</i> , 2019, 47, 69-77.	0.4	1
12	Discovery of glycocholic acid and taurochenodeoxycholic acid as phenotypic biomarkers in cholangiocarcinoma. <i>Scientific Reports</i> , 2018, 8, 11088.	3.3	30
13	Quantitative targeted metabolomics for 15d-deoxy- $\Delta^{12,14}$ -PGJ ₂ (15d-PGJ ₂) by MALDI-MS. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 100-106.	2.6	3
14	Chemical Structure of the Lipid A component of <i>Pseudomonas</i> sp. strain PAMC 28618 from Thawing Permafrost in Relation to Pathogenicity. <i>Scientific Reports</i> , 2017, 7, 2168.	3.3	6
15	A MALDI-MS-based quantitative glycoprofiling method on a 96-well plate platform. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 46, 150-156.	5.8	8
16	A MALDI-MS-based quantitative analytical method for endogenous estrone in human breast cancer cells. <i>Scientific Reports</i> , 2016, 6, 24489.	3.3	11
17	MALDI-MS-Based Quantitative Analysis for Ketone Containing Homoserine Lactones in <i>Pseudomonas aeruginosa</i> . <i>Analytical Chemistry</i> , 2015, 87, 858-863.	6.5	32
18	A MALDI-MS-based quantitative targeted glycomics (MALDI-QTaG) for total N-glycan analysis. <i>Biotechnology Letters</i> , 2015, 37, 2019-2025.	2.2	18

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19	A metabolomics strategy for detecting protein-metabolite interactions to identify natural nuclear receptor ligands. <i>Molecular BioSystems</i> , 2011, 7, 1046.	2.9	21
20	Biochemical reactions on a microfluidic chip based on a precise fluidic handling method at the nanoliter scale. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 146-153.	2.6	10
21	Fabrication of disposable protein chip for simultaneous sample detection. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 455-461.	2.6	6
22	Structural analysis of lipid A from <i>Escherichia coli</i> O157:H7 using thin-layer chromatography and ion-trap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 514-525.	1.6	39
23	Multiomics characterization of dose- and time-dependent effects of ionizing radiation on human skin keratinocytes. <i>Korean Journal of Chemical Engineering</i> , 0, , 1.	2.7	2