

Tae-Young Kim

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

564
citations

933447

10
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

674
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Metabolic Labeling Reveals Proteome Dynamics of Mouse Mitochondria. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1586-1594. | 3.8 | 151 |
| 2 | Effects of Different Microplastics on Nematodes in the Soil Environment: Tracking the Extractable Additives Using an Ecotoxicological Approach. <i>Environmental Science & Technology</i> , 2020, 54, 13868-13878. | 10.0 | 118 |
| 3 | The Global Plastic Toxicity Debt. <i>Environmental Science & Technology</i> , 2021, 55, 2717-2719. | 10.0 | 72 |
| 4 | Integrated multi-omics analysis reveals the underlying molecular mechanism for developmental neurotoxicity of perfluorooctanesulfonic acid in zebrafish. <i>Environment International</i> , 2021, 157, 106802. | 10.0 | 37 |
| 5 | Thermoalkaliphilic laccase treatment for enhanced production of high-value benzaldehyde chemicals from lignin. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 200-208. | 7.5 | 29 |
| 6 | A novel laccase from thermoalkaliphilic bacterium <i>Caldalkalibacillus thermarum</i> strain TA2.A1 able to catalyze dimerization of a lignin model compound. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4075-4086. | 3.6 | 28 |
| 7 | Precisely tuneable energy transfer system using peptoid helix-based molecular scaffold. <i>Scientific Reports</i> , 2017, 7, 4786. | 3.3 | 22 |
| 8 | Transformation of microcystin-LR and olefinic compounds by ferrate(VI): Oxidative cleavage of olefinic double bonds as the primary reaction pathway. <i>Water Research</i> , 2018, 141, 268-278. | 11.3 | 21 |
| 9 | A novel pathway for initial biotransformation of dinitroaniline herbicide butralin from a newly isolated bacterium <i>Sphingopyxis</i> sp. strain HMH. <i>Journal of Hazardous Materials</i> , 2021, 402, 123510. | 12.4 | 15 |
| 10 | Physiological responses of the abalone <i>Haliotis discus hannai</i> to daily and seasonal temperature variations. <i>Scientific Reports</i> , 2019, 9, 8019. | 3.3 | 14 |
| 11 | SILAC-Based Quantitative Proteomic Analysis of Oxaliplatin-Resistant Pancreatic Cancer Cells. <i>Cancers</i> , 2021, 13, 724. | 3.7 | 11 |
| 12 | High-Throughput Measurement of Lipid Turnover Rates Using Partial Metabolic Heavy Water Labeling. <i>Analytical Chemistry</i> , 2018, 90, 6509-6518. | 6.5 | 10 |
| 13 | Deuterium Oxide Labeling for Global Omics Relative Quantification: Application to Lipidomics. <i>Analytical Chemistry</i> , 2019, 91, 8853-8863. | 6.5 | 7 |
| 14 | Fluorescent paper strip immunoassay with carbon nanodots@silica for determination of human serum amyloid A1. <i>Mikrochimica Acta</i> , 2021, 188, 386. | 5.0 | 7 |
| 15 | Advantages of omics technology for evaluating cadmium toxicity in zebrafish. <i>Toxicological Research</i> , 2021, 37, 395-403. | 2.1 | 6 |
| 16 | Characterization of Spray Modes and Factors Affecting the Ionization Efficiency of Paper Spray Ionization. <i>Frontiers in Chemistry</i> , 2022, 10, 864184. | 3.6 | 6 |
| 17 | Development of a mass spectrometric screening assay for hepatitis B virus entry inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112959. | 2.8 | 5 |
| 18 | Development of an optimized sample preparation method for quantification of free fatty acids in food using liquid chromatography-mass spectrometry. <i>Scientific Reports</i> , 2021, 11, 5947. | 3.3 | 2 |

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|----|--|-----|-----------|
| 19 | Deuterium Oxide Labeling for Global Omics Relative Quantification (DOLGOREQ): Application to Glycomics. <i>Analytical Chemistry</i> , 2021, 93, 14497-14505. | 6.5 | 2 |
| 20 | Solid-phase Synthesis of Folate- α -Chlorin Conjugates for Selective Photodynamic Therapy and the Effect of Linker Variation. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 2036-2040. | 1.9 | 1 |