

# Tae-Young Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6628600/publications.pdf>

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	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
2	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
3	Advantages of omics technology for evaluating cadmium toxicity in zebrafish. <i>Toxicological Research</i> , 2021, 37, 395-403.	2.1	6
4	SILAC-Based Quantitative Proteomic Analysis of Oxaliplatin-Resistant Pancreatic Cancer Cells. <i>Cancers</i> , 2021, 13, 724.	3.7	11
5	The Global Plastic Toxicity Debt. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2717-2719.	10.0	72
6	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
7	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
8	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
9	Deuterium Oxide Labeling for Global Omics Relative Quantification (DOLGOREQ): Application to Glycomics. <i>Analytical Chemistry</i> , 2021, 93, 14497-14505.	6.5	2
10	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
11	Effects of Different Microplastics on Nematodes in the Soil Environment: Tracking the Extractable Additives Using an Ecotoxicological Approach. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13868-13878.	10.0	118
12	Deuterium Oxide Labeling for Global Omics Relative Quantification: Application to Lipidomics. <i>Analytical Chemistry</i> , 2019, 91, 8853-8863.	6.5	7
13	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
14	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
15	High-Throughput Measurement of Lipid Turnover Rates Using Partial Metabolic Heavy Water Labeling. <i>Analytical Chemistry</i> , 2018, 90, 6509-6518.	6.5	10
16	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
17	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
18	Precisely tuneable energy transfer system using peptoid helix-based molecular scaffold. <i>Scientific Reports</i> , 2017, 7, 4786.	3.3	22

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19	Solid-phase Synthesis of Folate- $\alpha$ -Chlorin Conjugates for Selective Photodynamic Therapy and the Effect of Linker Variation. Bulletin of the Korean Chemical Society, 2016, 37, 2036-2040.	1.9	1
20	Metabolic Labeling Reveals Proteome Dynamics of Mouse Mitochondria. Molecular and Cellular Proteomics, 2012, 11, 1586-1594.	3.8	151