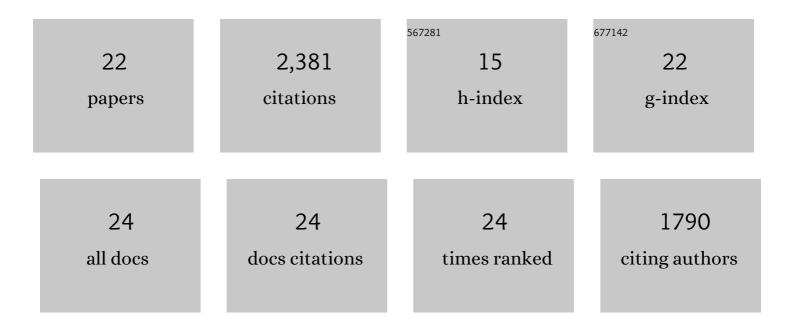
Seokhee Kim

List of Publications by Year in descending order

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SEOKHEE KIM

#	Article	IF	CITATIONS
1	Bioinformatic Expansion of Borosins Uncovers Trans-Acting Peptide Backbone <i>N</i> -Methyltransferases in Bacteria. Biochemistry, 2022, 61, 183-194.	2.5	11
2	Development of a genome-targeting mutator for the adaptive evolution of microbial cells. Nucleic Acids Research, 2022, 50, e38-e38.	14.5	7
3	In vivo hypermutation and continuous evolution. Nature Reviews Methods Primers, 2022, 2, .	21.2	39
4	New developments in RiPP discovery, enzymology and engineering. Natural Product Reports, 2021, 38, 130-239.	10.3	412
5	Gene-specific mutagenesis enables rapid continuous evolution of enzymes <i>in vivo</i> . Nucleic Acids Research, 2021, 49, e32-e32.	14.5	37
6	Molecular mechanism underlying substrate recognition of the peptide macrocyclase PsnB. Nature Chemical Biology, 2021, 17, 1123-1131.	8.0	18
7	Introduction of Bifunctionality into the Multidomain Architecture of the ω-Ester-Containing Peptide Plesiocin. Biochemistry, 2020, 59, 285-289.	2.5	20
8	Over-activation of a nonessential bacterial protease DegP as an antibiotic strategy. Communications Biology, 2020, 3, 547.	4.4	20
9	Genome Mining Reveals High Topological Diversity of ω-Ester-Containing Peptides and Divergent Evolution of ATP-Grasp Macrocyclases. Journal of the American Chemical Society, 2020, 142, 3013-3023.	13.7	37
10	A Topologically Distinct Modified Peptide with Multiple Bicyclic Core Motifs Expands the Diversity of Microviridin‣ike Peptides. ChemBioChem, 2019, 20, 1051-1059.	2.6	29
11	A Small Periplasmic Protein with a Hydrophobic C-Terminal Residue Enhances DegP Proteolysis as a Suicide Activator. Journal of Bacteriology, 2018, 200, .	2.2	6
12	Identification of Nucleophilic Probes for Protease-Mediated Transpeptidation. Molecules, 2018, 23, 2109.	3.8	1
13	Tripodal Lipoprotein Variants with C-Terminal Hydrophobic Residues Allosterically Modulate Activity of the DegP Protease. Journal of Molecular Biology, 2017, 429, 3090-3101.	4.2	5
14	Enzymatic Cross-Linking of Side Chains Generates a Modified Peptide with Four Hairpin-like Bicyclic Repeats. Biochemistry, 2017, 56, 4927-4930.	2.5	42
15	A Conserved Activation Cluster Is Required for Allosteric Communication in HtrA-Family Proteases. Structure, 2015, 23, 517-526.	3.3	32
16	Distinct regulatory mechanisms balance DegP proteolysis to maintain cellular fitness during heat stress. Genes and Development, 2014, 28, 902-911.	5.9	29
17	Cage assembly of DegP protease is not required for substrate-dependent regulation of proteolytic activity or high-temperature cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7263-7268.	7.1	51
18	Covalent Linkage of Distinct Substrate Degrons Controls Assembly and Disassembly of DegP Proteolytic Cages. Cell, 2011, 145, 67-78.	28.9	81

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#	Article	IF	CITATIONS
19	Reconstitution of Outer Membrane Protein Assembly from Purified Components. Science, 2010, 328, 890-892.	12.6	243
20	Structure and Function of an Essential Component of the Outer Membrane Protein Assembly Machine. Science, 2007, 317, 961-964.	12.6	327
21	YfiO stabilizes the YaeT complex and is essential for outer membrane protein assembly inEscherichia coli. Molecular Microbiology, 2006, 61, 151-164.	2.5	278
22	Identification of a Multicomponent Complex Required for Outer Membrane Biogenesis in Escherichia coli. Cell, 2005, 121, 235-245.	28.9	656