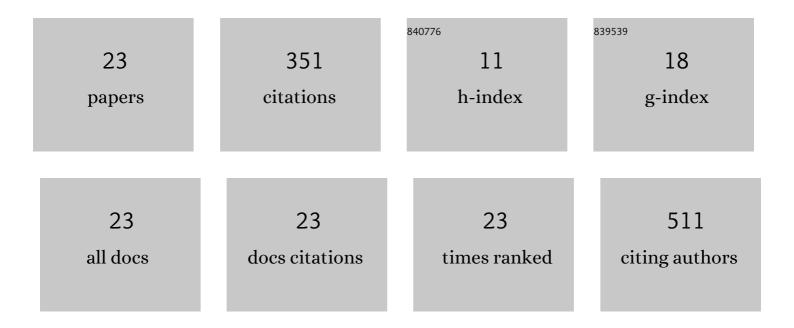
Hyung Kwoun Kim

List of Publications by Year in descending order

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HYUNG KWOUN KIM

#	Article	IF	CITATIONS
1	Catalytic properties of a lipase from Photobacterium lipolyticum for biodiesel production containing a high methanol concentration. Journal of Bioscience and Bioengineering, 2009, 107, 599-604.	2.2	65
2	Sequence-based approach to finding functional lipases from microbial genome databases. FEMS Microbiology Letters, 2004, 235, 349-355.	1.8	41
3	Transesterification Using the Cross-Linked Enzyme Aggregate of Photobacterium lipolyticum Lipase M37. Journal of Microbiology and Biotechnology, 2011, 21, 1159-1165.	2.1	33
4	Sequence-based approach to finding functional lipases from microbial genome databases. FEMS Microbiology Letters, 2004, 235, 349-355.	1.8	22
5	Nonionic detergent-induced activation of an esterase from Bacillus megaterium 20-1. Journal of Molecular Catalysis B: Enzymatic, 2003, 26, 223-229.	1.8	20
6	Recombinant Lipase Engineered with Amphipathic and Coiled-Coil Peptides. ACS Catalysis, 2015, 5, 5016-5025.	11.2	18
7	Lipase-mediated synthesis of ricinoleic acid vanillyl ester and evaluation of antioxidant and antibacterial activity. Enzyme and Microbial Technology, 2020, 133, 109454.	3.2	18
8	Antibacterial Effect of Fructose Laurate Synthesized by Candida antarctica B Lipase-Mediated Transesterification. Journal of Microbiology and Biotechnology, 2016, 26, 1579-1585.	2.1	17
9	Gene cloning and catalytic characterization of cold-adapted lipase of Photobacterium sp. MA1-3 isolated from blood clam. Journal of Bioscience and Bioengineering, 2012, 114, 589-595.	2.2	16
10	Cell surface display of Staphylococcus haemolyticus L62 lipase in Escherichia coli and its application as a whole cell biocatalyst for biodiesel production. Journal of Molecular Catalysis B: Enzymatic, 2013, 97, 54-61.	1.8	15
11	Characterization of Organic Solvent-Tolerant Lipolytic Enzyme from Marinobacter lipolyticus Isolated from the Antarctic Ocean. Applied Biochemistry and Biotechnology, 2019, 187, 1046-1060.	2.9	15
12	Evaluation of antioxidant and antimicrobial activity of phenolic lipids produced by the transesterification of 4-hydroxyphenylacetic acid and triglycerides. Applied Biological Chemistry, 2019, 62, .	1.9	12
13	Antibacterial activity of emulsions containing unsaturated fatty acid ergosterol esters synthesized by lipase-mediated transesterification. Enzyme and Microbial Technology, 2020, 139, 109581.	3.2	12
14	Antioxidant and antibacterial activity of fatty acid vanillyl ester produced by Proteus vulgaris K80 lipase-mediated transesterification. Journal of Molecular Catalysis B: Enzymatic, 2016, 133, S475-S481.	1.8	10
15	Production of cinnamoyl lipids using immobilized Proteus vulgaris K80 lipase and an evaluation of their antioxidant activity. Journal of Molecular Catalysis B: Enzymatic, 2016, 129, 54-60.	1.8	8
16	Effects of N-/C-Terminal Extra Tags on the Optimal Reaction Conditions, Activity, and Quaternary Structure of Bacillus thuringiensis Glucose 1-Dehydrogenase. Journal of Microbiology and Biotechnology, 2016, 26, 1708-1716.	2.1	8
17	Transesterification of plant oils using Staphylococcus haemolyticus L62 lipase displayed on Escherichia coli cell surface using the OmpA signal peptide and EstAβ8 anchoring motif. Enzyme and Microbial Technology, 2014, 67, 32-39.	3.2	6
18	Antioxidant and Antibacterial Activity of Caprylic Acid Vanillyl Ester Produced by Lipase-Mediated Transesterification. Journal of Microbiology and Biotechnology, 2021, 31, 317-326.	2.1	6

#	Article	IF	CITATIONS
19	Production of Omega-3 Fatty Acid Ethyl Esters from Menhaden Oil Using Proteus vulgaris Lipase-Mediated One-Step Transesterification and Urea Complexation. Applied Biochemistry and Biotechnology, 2016, 179, 347-360.	2.9	4
20	Characterization of Novel Salt-Tolerant Esterase Isolated from the Marine Bacterium Alteromonas sp. 39-G1. Journal of Microbiology and Biotechnology, 2020, 30, 216-225.	2.1	4
21	Increased mRNA Stability and Expression Level of Croceibacter atlanticus Lipase Gene Developed through Molecular Evolution Process. Journal of Microbiology and Biotechnology, 2021, 31, 882-889.	2.1	1
22	Production of (R)-Ethyl-4-Chloro-3-Hydroxybutanoate Using Saccharomyces cerevisiae YOL151W Reductase Immobilized onto Magnetic Microparticles. Journal of Microbiology and Biotechnology, 2015, 25, 1810-1818.	2.1	0
23	Production of 4-Ethyl Malate through Position-Specific Hydrolysis of <i>Photobacterium lipolyticum</i> M37 Lipase. Journal of Microbiology and Biotechnology, 2022, 32, 1-10.	2.1	Ο