

# Jae-Eung Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11041118/publications.pdf>

Version: 2024-02-01

10  
papers

296  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pairing of orthogonal chaperones with a cytochrome P450 enhances terpene synthesis in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Journal</i> , 2022, 17, e2000452.	3.5	3
2	Metabolite trafficking enables membrane-impermeable-terpene secretion by yeast. <i>Nature Communications</i> , 2022, 13, 2605.	12.8	12
3	Engineering Cell Wall Integrity Enables Enhanced Squalene Production in Yeast. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4922-4929.	5.2	18
4	Tailoring the <i>Saccharomyces cerevisiae</i> endoplasmic reticulum for functional assembly of terpene synthesis pathway. <i>Metabolic Engineering</i> , 2019, 56, 50-59.	7.0	105
5	Rerouting of NADPH synthetic pathways for increased protopanaxadiol production in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2018, 8, 15820.	3.3	40
6	Ultra-rapid rates of water splitting for biohydrogen gas production through <i>in vitro</i> artificial enzymatic pathways. <i>Energy and Environmental Science</i> , 2018, 11, 2064-2072.	30.8	36
7	Advanced water splitting for green hydrogen gas production through complete oxidation of starch by <i>in vitro</i> metabolic engineering. <i>Metabolic Engineering</i> , 2017, 44, 246-252.	7.0	36
8	Facile Construction of Random Gene Mutagenesis Library for Directed Evolution Without the Use of Restriction Enzyme in <i>Escherichia coli</i> . <i>Biotechnology Journal</i> , 2016, 11, 1142-1150.	3.5	5
9	Biosynthesis of Xylulose 5-phosphate from Xylose and polyphosphate through a minimized two-enzyme cascade. <i>Biotechnology and Bioengineering</i> , 2016, 113, 275-282.	3.3	29
10	Discovery and characterization of a novel ATP/polyphosphate xylulokinase from a hyperthermophilic bacterium <i>Thermotoga maritima</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 661-669.	3.0	12