

# Willian Kopp

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

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citations

840119

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1058022

14  
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15  
all docs

15  
docs citations

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times ranked

456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved catalytic properties of <i>Candida antarctica</i> lipase B multi-attached on tailor-made hydrophobic silica containing octyl and multifunctional amino- glutaraldehyde spacer arms. <i>Process Biochemistry</i> , 2016, 51, 2055-2066.	1.8	54
2	Immobilization and stabilization of an endoxylanase from <i>Bacillus subtilis</i> (XynA) for xylooligosaccharides (XOs) production. <i>Catalysis Today</i> , 2016, 259, 130-139.	2.2	48
3	Easily handling penicillin G acylase magnetic cross-linked enzymes aggregates: Catalytic and morphological studies. <i>Process Biochemistry</i> , 2014, 49, 38-46.	1.8	38
4	Preparation of Magnetic Cross-Linked Amyloglucosidase Aggregates: Solving Some Activity Problems. <i>Catalysts</i> , 2018, 8, 496.	1.6	32
5	Diffusion effects of bovine serum albumin on cross-linked aggregates of catalase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 107-116.	1.8	27
6	1,3-Regiospecific ethanolysis of soybean oil catalyzed by crosslinked porcine pancreas lipase aggregates. <i>Biotechnology Progress</i> , 2018, 34, 910-920.	1.3	27
7	Maltose Production Using Starch from Cassava Bagasse Catalyzed by Cross-Linked $\alpha$ -Amylase Aggregates. <i>Catalysts</i> , 2018, 8, 170.	1.6	27
8	Xylooligosaccharides production chain in sugarcane biorefineries: From the selection of pretreatment conditions to the evaluation of nutritional properties. <i>Industrial Crops and Products</i> , 2021, 172, 114056.	2.5	18
9	Mono- and heterofunctionalized silica magnetic microparticles (SMMPs) as new carriers for immobilization of lipases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S491-S499.	1.8	17
10	Synthesis and characterization of robust magnetic carriers for bioprocess applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 193, 217-228.	1.7	12
11	An Innovative Biocatalyst for Continuous 2G Ethanol Production from Xylo-Oligomers by <i>Saccharomyces cerevisiae</i> through Simultaneous Hydrolysis, Isomerization, and Fermentation (SHIF). <i>Catalysts</i> , 2019, 9, 225.	1.6	12
12	Kinetic study of soybean oil hydrolysis catalyzed by lipase from solid castor bean seeds. <i>Chemical Engineering Research and Design</i> , 2019, 144, 115-122.	2.7	12
13	Calcium polyphosphate coacervates: effects of thermal treatment. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 63, 219-223.	1.1	9
14	Hydrophobic immobilization of <i>Burkholderia cepacia</i> lipase onto octyl-silica for synthesis of flavors esters. <i>Brazilian Journal of Development</i> , 2020, 6, 27145-27170.	0.0	1
15	Direct recovery of intracellular lipase from cell lysate by adsorption on silica magnetic microparticles activated with Octyl groups. <i>Brazilian Journal of Chemical Engineering</i> , 0, , 1.	0.7	0