

# Alexander Lepak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1547394/publications.pdf>

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9  
papers

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1163117  
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docs citations

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times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	The two paralogous kiwellin proteins KWL1 and KWL1-b from maize are structurally related and have overlapping functions in plant defense. <i>Journal of Biological Chemistry</i> , 2020, 295, 7816-7825.	3.4	9
2	Engineered PQQ-Dependent Alcohol Dehydrogenase for the Oxidation of 5-(Hydroxymethyl)furoic Acid. <i>ACS Catalysis</i> , 2020, 10, 7836-7842.	11.2	14
3	Decoupling of recombinant protein production from <i>Escherichia coli</i> cell growth enhances functional expression of plant Leloir glycosyltransferases. <i>Biotechnology and Bioengineering</i> , 2019, 116, 1259-1268.	3.3	22
4	Biochemical Characterization and Mechanistic Analysis of the Levoglucosan Kinase from <i>Lipomyces starkeyi</i> . <i>ChemBioChem</i> , 2018, 19, 596-603.	2.6	14
5	$\beta$ -Glucosyl Fluoride as Reverse Reaction Donor Substrate and Mechanistic Probe of Inverting Sugar Nucleotide-Dependent Glycosyltransferases. <i>ACS Catalysis</i> , 2018, 8, 9148-9153.	11.2	10
6	New flavanol O-glycosides in grape and wine. <i>Food Chemistry</i> , 2018, 266, 441-448.	8.2	30
7	Glycosyltransferase cascades for natural product glycosylation: Use of plant instead of bacterial sucrose synthases improves the UDP-glucose recycling from sucrose and UDP. <i>Biotechnology Journal</i> , 2017, 12, 1600557.	3.5	36
8	Screening of recombinant glycosyltransferases reveals the broad acceptor specificity of stevia UGT-76G1. <i>Journal of Biotechnology</i> , 2016, 233, 49-55.	3.8	43
9	Creating a Water-Soluble Resveratrol-Based Antioxidant by Site-Selective Enzymatic Glucosylation. <i>ChemBioChem</i> , 2015, 16, 1870-1874.	2.6	68