

# Julia SchÃ¼ckel

## List of Publications by Year in descending order

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23  
papers

1,202  
citations

471509

17  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2096  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influence of Hydrolytic Enzymes on Tannin Adsorption-Desorption onto Grape Cell Walls in a Wine-Like Matrix. <i>Molecules</i> , 2021, 26, 770.	3.8	7
2	Untangling the impact of red wine maceration times on wine ageing. A multidisciplinary approach focusing on extended maceration in Shiraz wines. <i>Food Research International</i> , 2021, 150, 110697.	6.2	6
3	The impact of carbohydrate-active enzymes on mediating cell wall polysaccharide-tannin interactions in a wine-like matrix. <i>Food Research International</i> , 2020, 129, 108889.	6.2	15
4	Elucidating the role of polygalacturonase genes in strawberry fruit softening. <i>Journal of Experimental Botany</i> , 2020, 71, 7103-7117.	4.8	41
5	Grape pomace fermentation and cell wall degradation by <i>Kluyveromyces marxianus</i> Y885. <i>Biochemical Engineering Journal</i> , 2019, 150, 107282.	3.6	25
6	Investigating the relationship between cell wall polysaccharide composition and the extractability of grape phenolic compounds into Shiraz wines. Part II: Extractability during fermentation into wines made from grapes of different ripeness levels. <i>Food Chemistry</i> , 2019, 278, 26-35.	8.2	32
7	Investigating the relationship between grape cell wall polysaccharide composition and the extractability of phenolic compounds into Shiraz wines. Part I: Vintage and ripeness effects. <i>Food Chemistry</i> , 2019, 278, 36-46.	8.2	41
8	Enzyme Activities at Different Stages of Plant Biomass Decomposition in Three Species of Fungus-Growing Termites. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	31
9	Dietary pectic glycans are degraded by coordinated enzyme pathways in human colonic Bacteroides. <i>Nature Microbiology</i> , 2018, 3, 210-219.	13.3	263
10	<i>Kluyveromyces marxianus</i> Secretes a Pectinase in Shiraz Grape Must That Impacts Technological Properties and Aroma Profile of Wine. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11739-11747.	5.2	32
11	Interspecies cross-feeding orchestrates carbon degradation in the rumen ecosystem. <i>Nature Microbiology</i> , 2018, 3, 1274-1284.	13.3	144
12	Two-Dimensional High-Throughput Endo-Enzyme Screening Assays Based on Chromogenic Polysaccharide Hydrogel and Complex Biomass Substrates. <i>Methods in Molecular Biology</i> , 2018, 1796, 201-217.	0.9	0
13	High-throughput analysis of endogenous fruit glycosyl hydrolases using a novel chromogenic hydrogel substrate assay. <i>Analytical Methods</i> , 2017, 9, 1242-1247.	2.7	3
14	Pea Border Cell Maturation and Release Involve Complex Cell Wall Structural Dynamics. <i>Plant Physiology</i> , 2017, 174, 1051-1066.	4.8	38
15	Characterization of three plant biomass-degrading microbial consortia by metagenomics- and metasecretomics-based approaches. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10463-10477.	3.6	73
16	High-throughput Screening of Carbohydrate-degrading Enzymes Using Novel Insoluble Chromogenic Substrate Assay Kits. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	5
17	Complexity of the <i>Ruminococcus flavefaciens</i> cellulosome reflects an expansion in glycan recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7136-7141.	7.1	58
18	A New Versatile Microarray-based Method for High Throughput Screening of Carbohydrate-active Enzymes. <i>Journal of Biological Chemistry</i> , 2015, 290, 9020-9036.	3.4	52

#	ARTICLE	IF	CITATIONS
19	A new generation of versatile chromogenic substrates for high-throughput analysis of biomass-degrading enzymes. <i>Biotechnology for Biofuels</i> , 2015, 8, 70.	6.2	53
20	A Polysaccharide Utilization Locus from an Uncultured Bacteroidetes Phylotype Suggests Ecological Adaptation and Substrate Versatility. <i>Applied and Environmental Microbiology</i> , 2015, 81, 187-195.	3.1	45
21	Do Rumen <i>Bacteroidetes</i> Utilize an Alternative Mechanism for Cellulose Degradation?. <i>MBio</i> , 2014, 5, e01401-14.	4.1	150
22	A Gene Fusion Approach to Enabling Plant Cytochromes P450 for Biocatalysis. <i>ChemBioChem</i> , 2012, 13, 2758-2763.	2.6	39
23	One-copper laccase-related enzyme from <i>Marasmius</i> sp.: Purification, characterization and bleaching of textile dyes. <i>Enzyme and Microbial Technology</i> , 2011, 48, 278-284.	3.2	49