

# Jessica Rumpf

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Lignin-based composites for packaging applications. , 2022, , 131-171.		1
2	Benchtop versus high field NMR: Comparable performance found for the molecular weight determination of lignin. Journal of Pharmaceutical and Biomedical Analysis, 2022, 212, 114649.	1.4	9
3	Is the Calibration Transfer of Multivariate Calibration Models between High- and Low-Field NMR Instruments Possible? A Case Study of Lignin Molecular Weight. Analytical Chemistry, 2022, 94, 3997-4004.	3.2	8
4	Types of lignin, properties, and structural characterization techniques. , 2021, , 105-158.		3
5	Can Sustainable Packaging Help to Reduce Food Waste? A Status Quo Focusing Plant-Derived Polymers and Additives. Applied Sciences (Switzerland), 2021, 11, 5307.	1.3	3
6	Is NMR Combined with Multivariate Regression Applicable for the Molecular Weight Determination of Randomly Cross-Linked Polymers Such as Lignin?. ACS Omega, 2021, 6, 29516-29524.	1.6	7
7	Extraction of High-Purity Lignins via Catalyst-free Organosolv Pulping from Low-Input Crops. Biomacromolecules, 2020, 21, 1929-1942.	2.6	30
8	Comparing chemical composition and lignin structure of <i>Miscanthus x giganteus</i> and <i>Miscanthus nagara</i> harvested in autumn and spring and separated into stems and leaves. RSC Advances, 2020, 10, 10740-10751.	1.7	23
9	Antimicrobial Activity of Lignin-Derived Polyurethane Coatings Prepared from Unmodified and Demethylated Lignins. Coatings, 2019, 9, 494.	1.2	31
10	Low-Input Crops as Lignocellulosic Feedstock for Second-Generation Biorefineries and the Potential of Chemometrics in Biomass Quality Control. Applied Sciences (Switzerland), 2019, 9, 2252.	1.3	20
11	Antioxidant activity of unmodified kraft and organosolv lignins to be used as sustainable components for polyurethane coatings. Journal of Coatings Technology Research, 2019, 16, 1543-1552.	1.2	14
12	Unmodified kraft lignin isolated at room temperature from aqueous solution for preparation of highly flexible transparent polyurethane coatings. RSC Advances, 2018, 8, 40765-40777.	1.7	39