

# Thomas Sepperer

## List of Publications by Year in descending order

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15  
papers

213  
citations

1163117  
8  
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996975  
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15  
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15  
docs citations

15  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Polymerization of Polyfurfuryl Alcohol: Ring Opening and Diels-Alder Reactions. <i>Polymers</i> , 2019, 11, 2126.	4.5	39
2	Walnut and Hazelnut Shells: Untapped Industrial Resources and Their Suitability in Lignocellulosic Composites. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6340.	2.5	34
3	Mitigation of Ammonia Emissions from Cattle Manure Slurry by Tannins and Tannin-Based Polymers. <i>Biomolecules</i> , 2020, 10, 581.	4.0	25
4	Synthesis and Characterization of High-Performing Sulfur-Free Tannin Foams. <i>Polymers</i> , 2020, 12, 564.	4.5	21
5	Purification of industrial tannin extract through simple solid-liquid extractions. <i>Industrial Crops and Products</i> , 2019, 139, 111502.	5.2	20
6	Chemical constitution of polyfurfuryl alcohol investigated by FTIR and Resonant Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120090.	3.9	18
7	Pollutant Absorption as a Possible End-Of-Life Solution for Polyphenolic Polymers. <i>Polymers</i> , 2019, 11, 911.	4.5	17
8	Tannin-Furanic Foams Formed by Mechanical Agitation: Influence of Surfactant and Ingredient Ratios. <i>Polymers</i> , 2021, 13, 3058.	4.5	10
9	Furfuryl Alcohol and Lactic Acid Blends: Homo- or Co-Polymerization?. <i>Polymers</i> , 2019, 11, 1533.	4.5	7
10	Study of the Spatio-Chemical Heterogeneity of Tannin-Furanic Foams: From 1D FTIR Spectroscopy to 3D FTIR Micro-Computed Tomography. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12869.	4.1	7
11	Organosolv Lignin from European Tree Bark: Influence of Bark Pretreatment. <i>Materials</i> , 2021, 14, 7774.	2.9	5
12	Tannin-furanic foams used as biomaterial substrates for SERS sensing in possible wastewater filter applications. <i>Materials Research Express</i> , 2021, 8, 115404.	1.6	4
13	A Systematic Study on Bio-Based Hybrid Aerogels Made of Tannin and Silica. <i>Materials</i> , 2021, 14, 5231.	2.9	3
14	Effect of Flushing Milk and Acidic Whey on pH and Nitrogen Loss of Cattle Manure Slurry. <i>Atmosphere</i> , 2021, 12, 1222.	2.3	2
15	Long-term study on the nitrogen retention potential of bark extracts and a polymer based thereof in cattle manure slurry. <i>Bioresource Technology Reports</i> , 2022, 18, 101085.	2.7	1