

Kaarlo Nieminen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6337686/publications.pdf>

Version: 2024-02-01

10
papers

137
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Filament spinning of unbleached birch kraft pulps: Effect of pulping intensity on the processability and the fiber properties. Carbohydrate Polymers, 2018, 179, 145-151.	10.2	31
2	From vapour to gas: optimising cellulose degradation with gaseous HCl. Reaction Chemistry and Engineering, 2018, 3, 312-318.	3.7	24
3	Fast furfural formation from xylose using solid acid catalysts assisted by a microwave reactor. Fuel Processing Technology, 2018, 182, 56-67.	7.2	21
4	The Role of Various Chlorides on Xylose Conversion to Furfural: Experiments and Kinetic Modeling. ChemCatChem, 2017, 9, 3031-3040.	3.7	19
5	Cellulose dissolution in aqueous NaOHâ€ZnO: cellulose reactivity and the role of ZnO. Cellulose, 2021, 28, 1267-1281.	4.9	11
6	The Effect of Polymorphism on the Kinetics of Adsorption and Degradation: A Case of Hydrogen Chloride Vapor on Cellulose. Advanced Sustainable Systems, 2018, 2, 1800026.	5.3	8
7	Assessing the reactivity of cellulose by oxidation with 4-acetamido-2,2,6,6-tetramethylpiperidine-1-oxo-piperidinium cation under mild conditions. Carbohydrate Polymers, 2017, 176, 293-298.	10.2	7
8	Stability of gamma-valerolactone under pulping conditions as a basis for process optimization and chemical recovery. Cellulose, 2021, 28, 11567-11578.	4.9	7
9	The fiberâ€matrix interface in Ioncell cellulose fiber composites and its implications for the mechanical performance. Journal of Applied Polymer Science, 2021, 138, 50306.	2.6	5
10	Spinneret geometry modulates the mechanical properties of man-made cellulose fibers. Cellulose, 2021, 28, 11165-11181.	4.9	4