

Daniel Rico del Cerro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5557133/publications.pdf>

Version: 2024-02-01

9
papers

155
citations

1478505

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1474206

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9
docs citations

9
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallinity reduction and enhancement in the chemical reactivity of cellulose by non-dissolving pre-treatment with tetrabutylphosphonium acetate. <i>Cellulose</i> , 2020, 27, 5545-5562.	4.9	39
2	2D Assignment and quantitative analysis of cellulose and oxidized celluloses using solution-state NMR spectroscopy. <i>Cellulose</i> , 2020, 27, 7929-7953.	4.9	34
3	Nanostructurally Controllable Strong Wood Aerogel toward Efficient Thermal Insulation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24697-24707.	8.0	34
4	Water-Free Nano: One-Pot Dewatering and Water-Free Topochemical Modification of Nanocellulose in Ionic Liquids or γ -Valerolactone. <i>ChemSusChem</i> , 2017, 10, 4879-4890.	6.8	14
5	On the Mechanism of the Reactivity of 1,3-Dialkylimidazolium Salts under Basic to Acidic Conditions: A Combined Kinetic and Computational Study. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11613-11617.	13.8	13
6	Highly regioselective surface acetylation of cellulose and shaped cellulose constructs in the gas-phase. <i>Green Chemistry</i> , 2022, 24, 5604-5613.	9.0	12
7	On the Mechanism of the Reactivity of 1,3-Dialkylimidazolium Salts under Basic to Acidic Conditions: A Combined Kinetic and Computational Study. <i>Angewandte Chemie</i> , 2018, 130, 11787-11791.	2.0	4
8	Incorporated diffusion ordered heteronuclear multiple bond correlation spectroscopy, 3D iDOSY-HMBC. Merging of diffusion delay with long polarization transfer delay of HMBC. <i>Journal of Magnetic Resonance</i> , 2021, 323, 106892.	2.1	3
9	Thermally reversible cellulose micro phase separation in mixtures of methyltributylphosphonium acetate and γ -valerolactone or DMSO. <i>ChemPhysChem</i> , 2022, , .	2.1	2