

Daan S Van Es

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,313
citations

516710

16
h-index

642732

23
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23
all docs

23
docs citations

23
times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Reaction Pathways for the Deoxygenation of Vegetable Oils and Related Model Compounds. <i>ChemSusChem</i> , 2013, 6, 1576-1594.	6.8	267
2	High molecular weight poly(ethylene-2,5-furanoate); critical aspects in synthesis and mechanical property determination. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4191-4199.	2.3	252
3	A Facile Solid-Phase Route to Renewable Aromatic Chemicals from Biobased Furanics. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1368-1371.	13.8	81
4	Recommendations for replacing PET on packaging, fiber, and film materials with biobased counterparts. <i>Green Chemistry</i> , 2021, 23, 8795-8820.	9.0	77
5	Isohexide Derivatives from Renewable Resources as Chiral Building Blocks. <i>ChemSusChem</i> , 2011, 4, 599-603.	6.8	76
6	Estrogenic Potency of Food-Packaging-Associated Plasticizers and Antioxidants As Detected in ER α and ER β Reporter Gene Cell Lines. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4407-4416.	5.2	74
7	The structure-activity relationship of fire retardant phosphorus compounds in wood. <i>Polymer Degradation and Stability</i> , 2006, 91, 832-841.	5.8	69
8	Substituted Phthalic Anhydrides from Biobased Furanics: A New Approach to Renewable Aromatics. <i>ChemSusChem</i> , 2015, 8, 3052-3056.	6.8	62
9	Hydrothermal Deoxygenation of Triglycerides over Pd/C aided by In-situ Hydrogen Production from Glycerol Reforming. <i>ChemSusChem</i> , 2014, 7, 1057-1062.	6.8	55
10	Concurrent formation of furan-2,5- and furan-2,4-dicarboxylic acid: unexpected aspects of the Henkel reaction. <i>RSC Advances</i> , 2013, 3, 15678-15686.	3.6	53
11	Semi-Aromatic Polyesters Based on a Carbohydrate-Derived Rigid Diol for Engineering Plastics. <i>ChemSusChem</i> , 2015, 8, 67-72.	6.8	46
12	Renewable Rigid Diamines: Efficient, Stereospecific Synthesis of High Purity Isohexide Diamines. <i>ChemSusChem</i> , 2011, 4, 1823-1829.	6.8	44
13	Synthesis of Isoidide through Epimerization of Isosorbide using Ruthenium on Carbon. <i>ChemSusChem</i> , 2013, 6, 693-700.	6.8	33
14	Synthesis of Furandicarboxylic Acid Esters From Nonfood Feedstocks Without Concomitant Levulinic Acid Formation. <i>ChemSusChem</i> , 2017, 10, 1460-1468.	6.8	28
15	Selectivity Control in the Tandem Aromatization of Bio-Based Furanics Catalyzed by Solid Acids and Palladium. <i>ChemSusChem</i> , 2017, 10, 277-286.	6.8	21
16	Waste Not, Want Not: Mild and Selective Catalytic Oxidation of Uronic Acids. <i>ChemSusChem</i> , 2013, 6, 1640-1645.	6.8	20
17	Isohexide Dinitriles: A Versatile Family of Renewable Platform Chemicals. <i>ChemSusChem</i> , 2017, 10, 3202-3211.	6.8	14
18	Base-free selective oxidation of pectin derived galacturonic acid to galactaric acid using supported gold catalysts. <i>Green Chemistry</i> , 2018, 20, 2763-2774.	9.0	13

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19	Unexpected Susceptibility of Poly(ethylene furanoate) to UV Irradiation: A Warning Light for Furandicarboxylic Acid?. ACS Macro Letters, 2021, 10, 1616-1621.	4.8	11
20	Endocrine activities of phthalate alternatives; assessing the safety profile of furan dicarboxylic acid esters using a panel of human cell based reporter gene assays. Green Chemistry, 2020, 22, 1873-1883.	9.0	7
21	Methyl Perillate as a Highly Functionalized Natural Starting Material for Terephthalic Acid. ChemistryOpen, 2018, 7, 201-203.	1.9	5
22	From batch to continuous: Au-catalysed oxidation of D-galacturonic acid in a packed bed plug flow reactor under alkaline conditions. Reaction Chemistry and Engineering, 2018, 3, 540-549.	3.7	4
23	Carbohydrate structure-activity relations of Au-catalysed base-free oxidations: gold displaying a platinum lustre. RSC Advances, 2022, 12, 8918-8923.	3.6	1