

Matty Janssen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

807
citations

623734

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26
all docs

26
docs citations

26
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping and testing circular economy product-level indicators: A critical review. Resources, Conservation and Recycling, 2022, 178, 106080.	10.8	25
2	Allocation in recycling of composites—The case of life cycle assessment of products from carbon fiber composites. International Journal of Life Cycle Assessment, 2022, 27, 419-432.	4.7	13
3	Can carbon fiber composites have a lower environmental impact than fiberglass?. Resources, Conservation and Recycling, 2022, 181, 106234.	10.8	14
4	Development and Comparison of Thermodynamic Equilibrium and Kinetic Approaches for Biomass Pyrolysis Modeling. Energies, 2022, 15, 3999.	3.1	16
5	Allocation in life cycle assessment of lignin. International Journal of Life Cycle Assessment, 2020, 25, 1620-1632.	4.7	40
6	Multi-Scale Variability Analysis of Wheat Straw-Based Ethanol Biorefineries Identifies Bioprocess Designs Robust Against Process Input Variations. Frontiers in Energy Research, 2020, 8, .	2.3	5
7	A Swedish comment on "review: the availability of life-cycle studies in Sweden". International Journal of Life Cycle Assessment, 2019, 24, 1758-1759.	4.7	2
8	Prospective study of lignin-based and recycled carbon fibers in composites through meta-analysis of life cycle assessments. Journal of Cleaner Production, 2019, 223, 946-956.	9.3	49
9	Accounting for effects of carbon flows in LCA of biomass-based products—exploration and evaluation of a selection of existing methods. International Journal of Life Cycle Assessment, 2018, 23, 2110-2125.	4.7	12
10	Energy use and climate change improvements of Li/S batteries based on life cycle assessment. Journal of Power Sources, 2018, 383, 87-92.	7.8	33
11	Environmental Assessment of Emerging Technologies: Recommendations for Prospective LCA. Journal of Industrial Ecology, 2018, 22, 1286-1294.	5.5	272
12	Systematic assessment of triticale-based biorefinery strategies: investment decisions for sustainable biorefinery business models. Biofuels, Bioproducts and Biorefining, 2018, 12, S9.	3.7	14
13	Combined basic and fine chemical biorefinery concepts with integration of processes at different technology readiness levels. Computer Aided Chemical Engineering, 2018, 43, 1577-1582.	0.5	0
14	Prospective life cycle assessment of bio-based adipic acid production from forest residues. Journal of Cleaner Production, 2017, 164, 434-443.	9.3	26
15	Toward a sustainable biorefinery using high-gravity technology. Biofuels, Bioproducts and Biorefining, 2017, 11, 15-27.	3.7	27
16	Life cycle assessment of bio-based sodium polyacrylate production from pulp mill side streams: case study of thermo-mechanical and sulfite pulp mills. Journal of Cleaner Production, 2016, 131, 475-484.	9.3	23
17	Life cycle impacts of ethanol production from spruce wood chips under high-gravity conditions. Biotechnology for Biofuels, 2016, 9, 53.	6.2	27
18	Design and Early Development of a MOOC on "Sustainability in Everyday Life": Role of the Teachers. World Sustainability Series, 2016, , 113-123.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Review of methodological choices in <scp>LCA</scp> of biorefinery systems â€•key issues and recommendations. Biofuels, Bioproducts and Biorefining, 2015, 9, 606-619.	3.7	91
20	Influence of high gravity process conditions on the environmental impact of ethanol production from wheat straw. Bioresource Technology, 2014, 173, 148-158.	9.6	30
21	Ethylene based on woody biomassâ€”what are environmental key issues of a possible future Swedish production on industrial scale. International Journal of Life Cycle Assessment, 2013, 18, 1071-1081.	4.7	29
22	Early design-stage biorefinery process selection. Tappi Journal, 2012, 11, 9-16.	0.5	4
23	Successful partnerships for the forest biorefinery. Industrial Biotechnology, 2008, 4, 352-362.	0.8	17