Eggo Ulphard Thoden van Velzen

List of Publications by Year
in descending order

23 papers	1,238 citations	516215 16 h-index	642321 23 g-index
23 all docs	23 docs citations	23 times ranked	915 citing authors

#	Article	IF	Citations
1	Expanding the collection portfolio of plastic packaging: Impact on quantity and quality of sorted plastic waste fractions. Resources, Conservation and Recycling, 2022, 178, 106025.	5.3	29
2	Effect of poly lactic acid trays on the optical and thermal properties of recycled poly (ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.3	5
3	Tailor-made enzymes poised to propel plastic recycling into a new era. Nature, 2022, 604, 631-633.	13.7	8
4	Factors Shaping the Recycling Systems for Plastic Packaging Wasteâ€"A Comparison between Austria, Germany and The Netherlands. Sustainability, 2021, 13, 6772.	1.6	16
5	The impact of impurities on the mechanical properties of recycled polyethylene. Packaging Technology and Science, 2021, 34, 219-228.	1.3	25
6	Effect of recycled content and rPET quality on the properties of PET bottles, part III: Modelling of repetitive recycling. Packaging Technology and Science, 2020, 33, 373-383.	1.3	34
7	Effect of recycled content and rPET quality on the properties of PET bottles, part II: Migration. Packaging Technology and Science, 2020, 33, 359-371.	1.3	33
8	Technical Limits in Circularity for Plastic Packages. Sustainability, 2020, 12, 10021.	1.6	31
9	Effect of recycled content and rPET quality on the properties of PET bottles, part I: Optical and mechanical properties. Packaging Technology and Science, 2020, 33, 347-357.	1.3	40
10	The impact of collection portfolio expansion on key performance indicators of the Dutch recycling system for Post-Consumer Plastic Packaging Waste, a comparison between 2014 and 2017. Waste Management, 2019, 100, 112-121.	3.7	63
11	Collection behaviour of lightweight packaging waste by individual households and implications for the analysis of collection schemes. Waste Management, 2019, 89, 284-293.	3.7	30
12	EnvPack an LCA-based tool for environmental assessment of packaging chains. Part 1: scope, methods and inventory of tool. International Journal of Life Cycle Assessment, 2019, 24, 900-914.	2.2	7
13	Predictive model for the Dutch post-consumer plastic packaging recycling system and implications for the circular economy. Waste Management, 2018, 71, 62-85.	3.7	132
14	A methodical approach for the assessment of waste sorting plants. Waste Management and Research, 2017, 35, 147-154.	2.2	8
15	Separate collection of plastic waste, better than technical sorting from municipal solid waste?. Waste Management and Research, 2017, 35, 172-180.	2.2	41
16	Efficiency of recycling post-consumer plastic packages. AIP Conference Proceedings, 2017, , .	0.3	7
17	Modified atmosphere packaging of fresh meatsâ€"sudden partial adaptation caused an increase in sustainability of dutch supply chains of fresh meats. Packaging Technology and Science, 2008, 21, 37-46.	1.3	18
18	Controlling Maillard Reactions in the Heating Process of Blockmilk Using an Electronic Nose. Journal of Agricultural and Food Chemistry, 1999, 47, 4746-4749.	2.4	13

#	Article	IF	Citations
19	Self-assembled monolayers of calix[4]arene derivatives on gold. Tetrahedron Letters, 1995, 36, 3273-3276.	0.7	46
20	Synthesis of Self-Assembling Resorcin[4]arene Tetrasulfide Adsorbates. Synthesis, 1995, 1995, 989-997.	1.2	50
21	Self-Assembled Monolayers of Resorcin[4]arene Tetrasulfides on Gold. Journal of the American Chemical Society, 1995, 117, 6853-6862.	6.6	124
22	Self-Assembled Monolayers of Receptor Adsorbates on Gold: Preparation and Characterization. Journal of the American Chemical Society, 1994, 116, 3597-3598.	6.6	154
23	Molecular Recognition by Self-Assembled Monolayers of Cavitand Receptors. Science, 1994, 265, 1413-1415.	6.0	324