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	Molecular Recognition by Self-Assembled Monolayers of Cavitand Receptors. Science, 1994, 265, 1413-1415.	6.0	324
2	Self-Assembled Monolayers of Receptor Adsorbates on Gold: Preparation and Characterization. Journal of the American Chemical Society, 1994, 116, 3597-3598.	6.6	154
3	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
4	Self-Assembled Monolayers of Resorcin[4]arene Tetrasulfides on Gold. Journal of the American Chemical Society, 1995, 117, 6853-6862.	6.6	124
5	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
6	Synthesis of Self-Assembling Resorcin[4]arene Tetrasulfide Adsorbates. Synthesis, 1995, 1995, 989-997.	1.2	50
7	Self-assembled monolayers of calix[4]arene derivatives on gold. Tetrahedron Letters, 1995, 36, 3273-3276.	0.7	46
8	Separate collection of plastic waste, better than technical sorting from municipal solid waste?. Waste Management and Research, 2017, 35, 172-180.	2.2	41
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	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
11	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
12	Technical Limits in Circularity for Plastic Packages. Sustainability, 2020, 12, 10021.	1.6	31
13	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
14	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
15	The impact of impurities on the mechanical properties of recycled polyethylene. Packaging Technology and Science, 2021, 34, 219-228.	1.3	25
16	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
17	Factors Shaping the Recycling Systems for Plastic Packaging Wasteâ€”A Comparison between Austria, Germany and The Netherlands. Sustainability, 2021, 13, 6772.	1.6	16
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	A methodical approach for the assessment of waste sorting plants. Waste Management and Research, 2017, 35, 147-154.	2.2	8
20	Tailor-made enzymes poised to propel plastic recycling into a new era. Nature, 2022, 604, 631-633.	13.7	8
21	Efficiency of recycling post-consumer plastic packages. AIP Conference Proceedings, 2017, , .	0.3	7
22	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
23	Effect of poly lactic acid trays on the optical and thermal properties of recycled poly (ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.3	5