Daniel Dobslaw

List of Publications by Year
in descending order

22 papers	466 citations	623188 14 h-index	752256 20 g-index
24 all docs	24 docs citations	24 times ranked	529 citing authors

#	Article	IF	Citations
1	VOC removal and odor abatement by a low-cost plasma enhanced biotrickling filter process. Journal of Environmental Chemical Engineering, 2017, 5, 5501-5511.	3.3	61
2	Degradation of toluene by ortho cleavage enzymes in <scp>B</scp>urkholderia fungorumâ€¦<scp>FLU</scp>100. Microbial Biotechnology, 2015, 8, 143-154.	2.0	39
3	A combined process of non-thermal plasma and a low-cost mineral adsorber for VOC removal and odor abatement in emissions of organic waste treatment plants. Journal of Environmental Chemical Engineering, 2018, 6, 2281-2289.	3.3	37
4	Low-cost process for emission abatement of biogas internal combustion engines. Journal of Cleaner Production, 2019, 227, 1079-1092.	4.6	35
5	Removal of cyclohexane gaseous emissions using a biotrickling filter system. Chemosphere, 2017, 176, 97-107.	4.2	31
6	Biodegradation of gaseous emissions of 2-chlorotoluene by strains of Rhodococcus sp. in polyurethane foam packed biotrickling filters. Science of the Total Environment, 2018, 639, 1491-1500.	3.9	31
7	Performance of different biological waste air purification processes in treatment of a waste gas mix containing tert-butyl alcohol and acetone: A comparative study. Chemical Engineering Journal, 2019, 355, 572-585.	6.6	31
8	Removal of 2-butoxyethanol gaseous emissions by biotrickling filtration packed with polyurethane foam. New Biotechnology, 2016, 33, 263-272.	2.4	28
9	Prevention of clogging in a polyurethane foam packed biotrickling filter treating emissions of 2-butoxyethanol. Journal of Cleaner Production, 2018, 200, 609-621.	4.6	28
10	Novel cyclohexane monooxygenase from Acidovorax sp. CHX100. Applied Microbiology and Biotechnology, 2015, 99, 6889-6897.	1.7	25
11	Degradation of 2-chlorotoluene by Rhodococcus sp. OCT 10. Applied Microbiology and Biotechnology, 2012, 93, 2205-2214.	1.7	23
12	Plant uptake, translocation and metabolism of PBDEs in plants of food and feed industry: A review. Reviews in Environmental Science and Biotechnology, 2021, 20, 75-142.	3.9	22
13	Biological Waste Air and Waste Gas Treatment: Overview, Challenges, Operational Efficiency, and Current Trends. Sustainability, 2020, 12, 8577.	1.6	20
14	Comparison of biological and chemical treatment processes as cost-effective methods for elimination of benzoate in saline wastewaters. Water Research, 2014, 66, 1-11.	5.3	14
15	Styrene and Bioaerosol Removal from Waste Air with a Combined Biotrickling Filter and DBDâ€“Plasma System. Sustainability, 2020, 12, 9240.	1.6	13
16	Isolation and characterization of 2-butoxyethanol degrading bacterial strains. Biodegradation, 2020, 31, 153-169.	1.5	9
17	Biologische Abluftreinigung einer Lackierabluft im Kombinationsverfahren. Chemie-Ingenieur-Technik, 2016, 88, 1145-1150.	0.4	6
18	Triclosan biodegradation performance of adapted mixed cultures in batch and continuous operating systems at high-concentration levels. Cleaner Engineering and Technology, 2021, 5, 100266.	2.1	4

#	Article	IF	Citations
19	Implementation of TA Luft 2002â€‰in Existing Plants: A Bioscrubber for Combined Waste Air and Waste Water Treatment. Chemie-Ingenieur-Technik, 2010, 82, 2161-2170.	0.4	3
20	Plant Uptake, Translocation and Metabolism of PBDEs in Plants. , 0, , .		1
21	Comparison of inoculums in the removal of 2-butoxyethanol from air emissions by biotrickling filter: Performance and microbial monitoring. New Biotechnology, 2014, 31, S133-S134.	2.4	0
22	Bioabbaubarkeit von 2â€Ethylhexylacetat, Methylisobutylketon und Methylethylketon inÂBiotricklingfiltern. Chemie-Ingenieur-Technik, 2015, 87, 931-939.	0.4	0