

Jordi Palau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6552107/publications.pdf>

Version: 2024-02-01

11
papers

289
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling Adsorption and Biological Technologies for Multicomponent and Fluctuating Volatile Organic Compounds Emissions Abatement: Laboratory-Scale Evaluation and Full-Scale Implementation. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 1713-1722.	3.7	9
2	Isovaleraldehyde degradation using UV photocatalytic and dielectric barrier discharge reactors, and their combinations. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 299, 110-117.	3.9	37
3	Abatement of 3-methylbutanal and trimethylamine with combined plasma and photocatalysis in a continuous planar reactor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 282, 1-8.	3.9	36
4	Modeling of a continuous photocatalytic reactor for isovaleraldehyde oxidation: Effect of different operating parameters and chemical degradation pathway. <i>Chemical Engineering Research and Design</i> , 2013, 91, 1307-1316.	5.6	46
5	Control of VOC emissions from a flexographic printing facility using an industrial biotrickling filter. <i>Water Science and Technology</i> , 2012, 65, 177-182.	2.5	9
6	Photodegradation of Toluene, <i>m</i> -Xylene, and <i>n</i> -Butyl Acetate and Their Mixtures over TiO ₂ Catalyst on Glass Fibers. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 5986-5994.	3.7	42
7	Effect of pre-treatments based on UV photocatalysis and photo-oxidation on toluene biofiltration performance. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 65-72.	3.2	20
8	Effects of nitrogen source and empty bed residence time on the removal of styrene gaseous emissions by biotrickling filtration. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 859-867.	3.4	15
9	UV photocatalytic oxidation of paint solvent compounds in air using an annular TiO ₂ -supported reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 273-281.	3.2	26
10	Comparison between laboratory and pilot biotrickling filtration of air emissions from painting and wood finishing. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 364-370.	3.2	17
11	Performance of a Pilot-Scale Biotrickling Filter in Controlling the Volatile Organic Compound Emissions in a Furniture Manufacturing Facility. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, 998-1006.	1.9	32