Yael Dubowski

List of Publications by Year
in descending order

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28	1,155	516561 16	501076 28
papers	citations	h-index	g-index

28	28	28	1312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The nature of water on surfaces of laboratory systems and implications for heterogeneous chemistry in the troposphere. Physical Chemistry Chemical Physics, 2004, 6, 604.	1.3	214
2	Nitrogen Dioxide Release in the 302 nm Band Photolysis of Spray-Frozen Aqueous Nitrate Solutions. Atmospheric Implications. Journal of Physical Chemistry A, 2001, 105, 4928-4932.	1.1	138
3	Interaction of Gas-Phase Ozone at 296 K with Unsaturated Self-Assembled Monolayers:Â A New Look at an Old System. Journal of Physical Chemistry A, 2004, 108, 10473-10485.	1.1	123
4	Monotonic Increase of Nitrite Yields in the Photolysis of Nitrate in Ice and Water between 238 and 294 K. Journal of Physical Chemistry A, 2002, 106, 6967-6971.	1.1	114
5	Photochemical transformations in ice: Implications for the fate of chemical species. Geophysical Research Letters, 2000, 27, 3321-3324.	1.5	76
6	Thirdhand Smoke: Heterogeneous Oxidation of Nicotine and Secondary Aerosol Formation in the Indoor Environment. Environmental Science & Technology, 2011, 45, 328-333.	4.6	60
7	Sorption, desorption, and surface oxidative fate of nicotine. Physical Chemistry Chemical Physics, 2010, 12, 10356.	1.3	51
8	Tobacco smoke aging in the presence of ozone: A room-sized chamber study. Atmospheric Environment, 2011, 45, 4959-4965.	1.9	43
9	Unusual aggregates from the oxidation of alkene self-assembled monolayers: a previously unrecognized mechanism for SAM ozonolysis?. Physical Chemistry Chemical Physics, 2005, 7, 3605.	1.3	42
10	Airborne organophosphate pesticides drift in Mediterranean climate: The importance of secondary drift. Atmospheric Environment, 2016, 127, 155-162.	1.9	39
11	Fate of Pesticides and Their Transformation Products: First Flush Effects in a Semiâ€Arid Catchment. Clean - Soil, Air, Water, 2013, 41, 134-142.	0.7	31
12	Primary and secondary pesticide drift profiles from a peach orchard. Chemosphere, 2017, 177, 303-310.	4.2	27
13	Sorption and biodegradation of propylparaben in greywater by aerobic attached-growth biomass. Science of the Total Environment, 2017, 598, 925-930.	3.9	22
14	Photolysis of thin films of cypermethrin using in situ FTIR monitoring: Products, rates and quantum yields. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 262-269.	2.0	21
15	Chemical stability and extent of isomorphous substitution in ferrites precipitated under ambient temperatures. Journal of Hazardous Materials, 2011, 193, 59-64.	6.5	18
16	Uncertainty in the river export modelling of pesticides and transformation products. Environmental Modelling and Software, 2014, 51, 35-44.	1.9	17
17	Direct tracing of NH3 and N2O emissions associated with urea fertilization approaches, using static incubation cells. Science of the Total Environment, 2019, 661, 75-85.	3.9	17
18	Does polyacrylamide-based adjuvant actually reduce primary drift of airborne pesticides?. Science of the Total Environment, 2021, 775, 145816.	3.9	14

#	Article	IF	Citations
19	Removal of organic micropollutants from biologically treated greywater using continuous-flow vacuum-UV/UVC photo-reactor. Environmental Science and Pollution Research, 2020, 27, 7578-7587.	2.7	13
20	Stable Incorporation of Co2+ into Ferrite Structure at Ambient Temperature: Effect of Operational Parameters. Water, Air, and Soil Pollution, 2008, 190, 245-257.	1.1	12
21	Diurnal patterns of micropollutants concentrations in domestic greywater. Urban Water Journal, 2018, 15, 399-406.	1.0	12
22	Estimating drift of airborne pesticides during orchard spraying using active Open Path FTIR. Atmospheric Environment, 2016, 142, 264-270.	1.9	11
23	Extent and mechanism of metal ion incorporation into precipitated ferrites. Journal of Colloid and Interface Science, 2011, 358, 129-135.	5.0	10
24	In-situ open path FTIR measurements of the vertical profile of spray drift from air-assisted sprayers. Biosystems Engineering, 2018, 169, 32-41.	1.9	9
25	Photolysis of methyl-parathion thin films: Products, kinetics and quantum yields under different atmospheric conditions. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 209, 193-202.	2.0	7
26	Reconstruction of passive open-path FTIR ambient spectra using meteorological measurements and its application for detection of aerosol cloud drift. Optics Express, 2015, 23, A916.	1.7	7
27	Concomitant tracking of NH3, N2O and soil mineral-N using steady-state incubation cells to enhance sustainability of urea fertilization approaches. Geoderma, 2021, 404, 115305.	2.3	5
28	H2S Removal from Groundwater by Chemical Free Advanced Oxidation Process Using UV-C/VUV Radiation. Molecules, 2021, 26, 4016.	1.7	2