

Yael Dubowski

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,155
citations

516561

16
h-index

501076

28
g-index

28
all docs

28
docs citations

28
times ranked

1312
citing authors

#	ARTICLE	IF	CITATIONS
1	H ₂ S Removal from Groundwater by Chemical Free Advanced Oxidation Process Using UV-C/VUV Radiation. <i>Molecules</i> , 2021, 26, 4016.	1.7	2
2	Does polyacrylamide-based adjuvant actually reduce primary drift of airborne pesticides?. <i>Science of the Total Environment</i> , 2021, 775, 145816.	3.9	14
3	Concomitant tracking of NH ₃ , N ₂ O and soil mineral-N using steady-state incubation cells to enhance sustainability of urea fertilization approaches. <i>Geoderma</i> , 2021, 404, 115305.	2.3	5
4	Removal of organic micropollutants from biologically treated greywater using continuous-flow vacuum-UV/UVC photo-reactor. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7578-7587.	2.7	13
5	Direct tracing of NH ₃ and N ₂ O emissions associated with urea fertilization approaches, using static incubation cells. <i>Science of the Total Environment</i> , 2019, 661, 75-85.	3.9	17
6	In-situ open path FTIR measurements of the vertical profile of spray drift from air-assisted sprayers. <i>Biosystems Engineering</i> , 2018, 169, 32-41.	1.9	9
7	Diurnal patterns of micropollutants concentrations in domestic greywater. <i>Urban Water Journal</i> , 2018, 15, 399-406.	1.0	12
8	Sorption and biodegradation of propylparaben in greywater by aerobic attached-growth biomass. <i>Science of the Total Environment</i> , 2017, 598, 925-930.	3.9	22
9	Primary and secondary pesticide drift profiles from a peach orchard. <i>Chemosphere</i> , 2017, 177, 303-310.	4.2	27
10	Estimating drift of airborne pesticides during orchard spraying using active Open Path FTIR. <i>Atmospheric Environment</i> , 2016, 142, 264-270.	1.9	11
11	Airborne organophosphate pesticides drift in Mediterranean climate: The importance of secondary drift. <i>Atmospheric Environment</i> , 2016, 127, 155-162.	1.9	39
12	Reconstruction of passive open-path FTIR ambient spectra using meteorological measurements and its application for detection of aerosol cloud drift. <i>Optics Express</i> , 2015, 23, A916.	1.7	7
13	Uncertainty in the river export modelling of pesticides and transformation products. <i>Environmental Modelling and Software</i> , 2014, 51, 35-44.	1.9	17
14	Fate of Pesticides and Their Transformation Products: First Flush Effects in a Semi-Arid Catchment. <i>Clean - Soil, Air, Water</i> , 2013, 41, 134-142.	0.7	31
15	Thirdhand Smoke: Heterogeneous Oxidation of Nicotine and Secondary Aerosol Formation in the Indoor Environment. <i>Environmental Science & Technology</i> , 2011, 45, 328-333.	4.6	60
16	Chemical stability and extent of isomorphous substitution in ferrites precipitated under ambient temperatures. <i>Journal of Hazardous Materials</i> , 2011, 193, 59-64.	6.5	18
17	Tobacco smoke aging in the presence of ozone: A room-sized chamber study. <i>Atmospheric Environment</i> , 2011, 45, 4959-4965.	1.9	43
18	Extent and mechanism of metal ion incorporation into precipitated ferrites. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 129-135.	5.0	10

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19	Photolysis of methyl-parathion thin films: Products, kinetics and quantum yields under different atmospheric conditions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 209, 193-202.	2.0	7
20	Sorption, desorption, and surface oxidative fate of nicotine. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10356.	1.3	51
21	Stable Incorporation of Co ²⁺ into Ferrite Structure at Ambient Temperature: Effect of Operational Parameters. <i>Water, Air, and Soil Pollution</i> , 2008, 190, 245-257.	1.1	12
22	Photolysis of thin films of cypermethrin using in situ FTIR monitoring: Products, rates and quantum yields. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 262-269.	2.0	21
23	Unusual aggregates from the oxidation of alkene self-assembled monolayers: a previously unrecognized mechanism for SAM ozonolysis?. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 3605.	1.3	42
24	The nature of water on surfaces of laboratory systems and implications for heterogeneous chemistry in the troposphere. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 604.	1.3	214
25	Interaction of Gas-Phase Ozone at 296 K with Unsaturated Self-Assembled Monolayers: A New Look at an Old System. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10473-10485.	1.1	123
26	Monotonic Increase of Nitrite Yields in the Photolysis of Nitrate in Ice and Water between 238 and 294 K. <i>Journal of Physical Chemistry A</i> , 2002, 106, 6967-6971.	1.1	114
27	Nitrogen Dioxide Release in the 302 nm Band Photolysis of Spray-Frozen Aqueous Nitrate Solutions. Atmospheric Implications. <i>Journal of Physical Chemistry A</i> , 2001, 105, 4928-4932.	1.1	138
28	Photochemical transformations in ice: Implications for the fate of chemical species. <i>Geophysical Research Letters</i> , 2000, 27, 3321-3324.	1.5	76