

# La Toya Myles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/760466/publications.pdf>

Version: 2024-02-01

21  
papers

355  
citations

840776

11  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent trends in gas-phase ammonia and PM <sub>2.5</sub> ammonium in the Southeast United States. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 347-357.	1.9	49
2	An integrated WRF/HYSPLIT modeling approach for the assessment of PM <sub>2.5</sub> source regions over the Mississippi Gulf Coast region. <i>Air Quality, Atmosphere and Health</i> , 2012, 5, 401-412.	3.3	40
3	Processes of ammonia air–surface exchange in a fertilized &lt;i>Zea mays</i> canopy. <i>Biogeosciences</i> , 2013, 10, 981-998.	3.3	37
4	Relaxed eddy accumulation measurements of ammonia, nitric acid, sulfur dioxide and particulate sulfate dry deposition near Tampa, FL, USA. <i>Environmental Research Letters</i> , 2007, 2, 034004.	5.2	35
5	Atmospheric ammonia measurement with an ion mobility spectrometer. <i>Atmospheric Environment</i> , 2006, 40, 5745-5752.	4.1	33
6	Evaluation of DeNitrification DeComposition model for estimating ammonia fluxes from chemical fertilizer application. <i>Agricultural and Forest Meteorology</i> , 2017, 237-238, 123-134.	4.8	21
7	Season-long ammonia flux measurements above fertilized corn in central Illinois, USA, using relaxed eddy accumulation. <i>Agricultural and Forest Meteorology</i> , 2017, 239, 202-212.	4.8	21
8	Simulation of surface ozone pollution in the Central Gulf Coast region during summer synoptic condition using WRF/Chem air quality model. <i>Atmospheric Pollution Research</i> , 2012, 3, 55-71.	3.8	20
9	Ambient ammonia in terrestrial ecosystems: A comparative study in the Tennessee Valley, USA. <i>Science of the Total Environment</i> , 2011, 409, 2768-2772.	8.0	12
10	What Goes Up Must Come Down: Integrating Air and Water Quality Monitoring for Nutrients. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11441-11448.	10.0	12
11	Ammonia flux measurements above a corn canopy using relaxed eddy accumulation and a flux gradient system. <i>Agricultural and Forest Meteorology</i> , 2019, 264, 104-113.	4.8	12
12	Spatial variability of sulfur dioxide and sulfate over complex terrain in East Tennessee, USA. <i>Atmospheric Environment</i> , 2009, 43, 3024-3028.	4.1	11
13	Measurement of Trace Gas Fluxes over an Unfertilized Agricultural Field Using the Flux–gradient Technique. <i>Journal of Environmental Quality</i> , 2011, 40, 1359-1365.	2.0	11
14	Diversity and equality in honours and awards programs – steps towards a fair representation of membership. <i>Advances in Geosciences</i> , 0, 53, 41-51.	12.0	10
15	Underestimating ammonia. <i>Nature Geoscience</i> , 2009, 2, 461-462.	12.9	8
16	A comparison of observed and parameterized SO <sub>2</sub> dry deposition over a grassy clearing in Duke Forest. <i>Atmospheric Environment</i> , 2012, 49, 212-218.	4.1	8
17	Implementation of the effect of urease inhibitor on ammonia emissions following urea-based fertilizer application at a <i>Zea mays</i> field in central Illinois: A study with SURFATM-NH <sub>3</sub> model. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 78-87.	4.8	8
18	Developing scientists as champions of diversity to transform the geosciences. <i>Journal of Geoscience Education</i> , 2019, 67, 459-471.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Wet deposition ethanol concentration at US atmospheric integrated research monitoring network (AIRMoN) sites. Journal of Atmospheric Chemistry, 2021, 78, 125-138.	3.2	2
20	Atmospheric Ammonia Measurements Over a Coastal Salt Marsh Ecosystem Along the Mid-Atlantic U.S.. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2019JG005522.	3.0	2
21	A statistical approach to surface renewal: The virtual chamber concept. , 2021, 4, e20141.		1