

# Theresa Renee Anthony

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

313  
citations

933447

10  
h-index

940533

16  
g-index

30  
all docs

30  
docs citations

30  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Personal Nanoparticle Respiratory Deposition (NRD) Sampler. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6483-6490.	10.0	49
2	Computational fluid dynamics investigation of particle inhalability. <i>Journal of Aerosol Science</i> , 2006, 37, 750-765.	3.8	45
3	Use of Recirculating Ventilation With Dust Filtration to Improve Wintertime Air Quality in a Swine Farrowing Room. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 635-646.	1.0	21
4	Modeled Effectiveness of Ventilation with Contaminant Control Devices on Indoor Air Quality in a Swine Farrowing Facility. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, 434-449.	1.0	17
5	Contribution of Facial Feature Dimensions and Velocity Parameters on Particle Inhalability. <i>Annals of Occupational Hygiene</i> , 2010, 54, 710-25.	1.9	15
6	Solid versus Liquid Particle Sampling Efficiency of Three Personal Aerosol Samplers when Facing the Wind. <i>Annals of Occupational Hygiene</i> , 2012, 56, 194-206.	1.9	15
7	Maternal arsenic exposure and nonsyndromic orofacial clefts. <i>Birth Defects Research</i> , 2018, 110, 1455-1467.	1.5	14
8	Computational Fluid Dynamics Investigation of Human Aspiration in Low-Velocity Air: Orientation Effects on Mouth-Breathing Simulations. <i>Annals of Occupational Hygiene</i> , 2013, 57, 740-57.	1.9	13
9	The Evaluation of CBRN Canisters for Use by Firefighters during Overhaul. <i>Annals of Occupational Hygiene</i> , 2009, 53, 523-38.	1.9	12
10	A Granular Bed for Use in a Nanoparticle Respiratory Deposition Sampler. <i>Aerosol Science and Technology</i> , 2015, 49, 179-187.	3.1	11
11	A Simple and Disposable Sampler for Inhalable Aerosol. <i>Annals of Occupational Hygiene</i> , 2016, 60, 150-160.	1.9	11
12	Size, composition, morphology, and health implications of airborne incidental metal-containing nanoparticles. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 387-399.	1.0	11
13	Porous polyurethane foam for use as a particle collection substrate in a nanoparticle respiratory deposition sampler. <i>Aerosol Science and Technology</i> , 2016, 50, 497-506.	3.1	10
14	Occupational Noise Exposure of Employees at Locally-Owned Restaurants in a College Town. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 489-499.	1.0	8
15	Design and Computational Fluid Dynamics Investigation of a Personal, High Flow Inhalable Sampler. <i>Annals of Occupational Hygiene</i> , 2010, 54, 427-42.	1.9	7
16	Particle Concentrations in Occupational Settings Measured with a Nanoparticle Respiratory Deposition (NRD) Sampler. <i>Annals of Work Exposures and Health</i> , 2018, 62, 699-710.	1.4	7
17	Uncertainty in Aspiration Efficiency Estimates from Torso Simplifications in Computational Fluid Dynamics Simulations. <i>Annals of Occupational Hygiene</i> , 2012, 57, 184-99.	1.9	6
18	Sampling efficiency of modified 37-mm sampling cassettes using computational fluid dynamics. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 148-158.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Computational Fluid Dynamics Investigation of Human Aspiration in Low Velocity Air: Orientation Effects on Nose-Breathing Simulations. <i>Annals of Occupational Hygiene</i> , 2014, 58, 625-45.	1.9	5
20	Performance of prototype high-flow inhalable dust sampler in a livestock production facility. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 313-322.	1.0	5
21	An Empirical Model of Human Aspiration in Low-Velocity Air Using CFD Investigations. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 245-255.	1.0	4
22	Three-dimensional computational fluid dynamics modeling of particle uptake by an occupational air sampler using manually-scaled and adaptive grids. <i>Journal of Aerosol Science</i> , 2016, 95, 54-66.	3.8	4
23	Assessment of occupational personal sound exposures for music instructors. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, 139-148.	1.0	4
24	Assessment of increased sampling pump flow rates in a disposable, inhalable aerosol sampler. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 207-213.	1.0	3
25	Rapid analysis of the size distribution of metal-containing aerosol. <i>Aerosol Science and Technology</i> , 2017, 51, 108-115.	3.1	3
26	Assessment of respirable aerosol concentrations using local ventilation controls in an open multi-chair dental clinic. <i>Journal of Occupational and Environmental Hygiene</i> , 2022, 19, 246-255.	1.0	3
27	Assessment of university classroom ventilation during the COVID-19 pandemic. <i>Journal of Occupational and Environmental Hygiene</i> , 2022, 19, 295-301.	1.0	3
28	From the Editor: COVID control case studies special issue. <i>Journal of Occupational and Environmental Hygiene</i> , 2022, 19, 235-235.	1.0	1
29	From the Editor: Welding fume issue. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, D23-D24.	1.0	0
30	Evaluation of hearing protection device effectiveness for musicians. <i>International Journal of Audiology</i> , 2022, , 1-7.	1.7	0