Ryan F Lebouf

List of Publications by Year
in descending order

75 papers	1,904 citations	236925 25 h-index	289244 40 g-index
76 all docs	76 docs citations	76 times ranked	2190 citing authors

#	Article	IF	Citations
1	Formulation and stability of a novel artificial human sweat under conditions of storage and use. Toxicology in Vitro, 2010, 24, 1790-1796.	2.4	211
2	Emission of particulate matter from a desktop three-dimensional (3D) printer. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 453-465.	2.3	115
3	Characterization of silver nanoparticles in selected consumer products and its relevance for predicting children's potential exposures. International Journal of Hygiene and Environmental Health, 2015, 218, 345-357.	4.3	113
4	Characterization of chemical contaminants generated by a desktop fused deposition modeling 3-dimensional Printer. Journal of Occupational and Environmental Hygiene, 2017, 14, 540-550.	1.0	87
5	Nicotine, aerosol particles, carbonyls and volatile organic compounds in tobacco- and menthol-flavored e-cigarettes. Environmental Health, 2017, 16, 42.	4.0	71
6	Inhalation exposure to three-dimensional printer emissions stimulates acute hypertension and microvascular dysfunction. Toxicology and Applied Pharmacology, 2017, 335, 1-5.	2.8	61
7	Dermal exposure potential from textiles that contain silver nanoparticles. International Journal of Occupational and Environmental Health, 2014, 20, 220-234.	1.2	55
8	Characterization of cleaning and disinfecting tasks and product use among hospital occupations. American Journal of Industrial Medicine, 2015, 58, 101-111.	2.1	55
9	Surgical smoke control with local exhaust ventilation: Experimental study. Journal of Occupational and Environmental Hygiene, 2018, 15, 341-350.	1.0	45
10	Evaluation of emissions and exposures at workplaces using desktop 3-dimensional printers. Journal of Chemical Health and Safety, 2019, 26, 19-30.	2.1	45
11	Respiratory morbidity in a coffee processing workplace with sentinel obliterative bronchiolitis cases. American Journal of Industrial Medicine, 2015, 58, 1235-1245.	2.1	44
12	Identification and Measurement of Diacetyl Substitutes in Dry Bakery Mix Production. Journal of Occupational and Environmental Hygiene, 2011, 8, 93-103.	1.0	43
13	Toxicology of flavoring- and cannabis-containing e-liquids used in electronic delivery systems. , 2021, 224, 107838.		43
14	In vitro toxicological evaluation of surgical smoke from human tissue. Journal of Occupational Medicine and Toxicology, 2018, 13, 12.	2.2	40
15	Three-dimensional printing with nano-enabled filaments releases polymer particles containing carbon nanotubes into air. Indoor Air, 2018, 28, 840-851.	4.3	40
16	Exposures during industrial 3-D printing and post-processing tasks. Rapid Prototyping Journal, 2018, 24, 865-871.	3.2	39
17	Exposure to volatile organic compounds in healthcare settings. Occupational and Environmental Medicine, 2014, 71, 642-650.	2.8	36
18	Respiratory symptoms and lung function abnormalities related to work at a flavouring manufacturing facility. Occupational and Environmental Medicine, 2014, 71, 549-554.	2.8	33

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19	Exposures to Volatile Organic Compounds among Healthcare Workers: Modeling the Effects of Cleaning Tasks and Product Use. Annals of Work Exposures and Health, 2018, 62, 852-870.	1.4	33
20	VOCs Emissions from Multiple Wood Pellet Types and Concentrations in Indoor Air. Energy & Fuels, 2015, 29, 6485-6493.	5.1	32
21	Validation of evacuated canisters for sampling volatile organic compounds in healthcare settings. Journal of Environmental Monitoring, 2012, 14, 977.	2.1	31
22	Environmental characterization of a coffee processing workplace with obliterative bronchiolitis in former workers. Journal of Occupational and Environmental Hygiene, 2016, 13, 770-781.	1.0	31
23	The Neuroinflammatory Phenotype in a Mouse Model of Gulf War Illness is Unrelated to Brain Regional Levels of Acetylcholine as Measured by Quantitative HILIC-UPLC-MS/MS. Toxicological Sciences, 2018, 165, 302-313.	3.1	31
24	Pulmonary and systemic toxicity in rats following inhalation exposure of 3-D printer emissions from acrylonitrile butadiene styrene (ABS) filament. Inhalation Toxicology, 2020, 32, 403-418.	1.6	31
25	Proliferation Resistance Assessment Methodology for Nuclear Fuel Cycles. Nuclear Technology, 2007, 157, 143-156.	1.2	30
26	Seasonal and Diurnal Variability in Airborne Mold from an Indoor Residential Environment in Northern New York. Journal of the Air and Waste Management Association, 2008, 58, 684-692.	1.9	26
27	Headspace analysis for screening of volatile organic compound profiles of electronic juice bulk material. Analytical and Bioanalytical Chemistry, 2018, 410, 5951-5960.	3.7	26
28	Deposition Uniformity of Coal Dust on Filters and Its Effect on the Accuracy of FTIR Analyses for Silica. Aerosol Science and Technology, 2013, 47, 724-733.	3.1	25
29	Evaluation of a portable gas chromatograph with photoionization detector under variations of VOC concentration, temperature, and relative humidity. Journal of Occupational and Environmental Hygiene, 2018, 15, 351-360.	1.0	25
30	Clustering asthma symptoms and cleaning and disinfecting activities and evaluating their associations among healthcare workers. International Journal of Hygiene and Environmental Health, 2019, 222, 873-883.	4.3	24
31	Severe lung disease characterized by lymphocytic bronchiolitis, alveolar ductitis, and emphysema (BADE) in industrial machineâ€manufacturing workers. American Journal of Industrial Medicine, 2019, 62, 927-937.	2.1	22
32	Particle and organic vapor emissions from childrenâ€™s 3-D pen and 3-D printer toys. Inhalation Toxicology, 2019, 31, 432-445.	1.6	21
33	Prediction of mold contamination from microbial volatile organic compound profiles using solid phase microextraction and gas chromatography/mass spectrometry. Microchemical Journal, 2012, 103, 37-41.	4.5	20
34	Air and Surface Sampling Method for Assessing Exposures to Quaternary Ammonium Compounds Using Liquid Chromatography Tandem Mass Spectrometry. Annals of Work Exposures and Health, 2017, 61, 724-736.	1.4	20
35	Occupation and task as risk factors for asthma-related outcomes among healthcare workers in New York City. International Journal of Hygiene and Environmental Health, 2019, 222, 211-220.	4.3	20
36	Towards sustainable additive manufacturing: The need for awareness of particle and vapor releases during polymer recycling, making filament, and fused filament fabrication 3-D printing. Resources, Conservation and Recycling, 2022, 176, 105911.	10.8	20

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37	Exposures and Emissions in Coffee Roasting Facilities and CafÃ©s: Diacetyl, 2,3-Pentanedione, and Other Volatile Organic Compounds. Frontiers in Public Health, 2020, 8, 561740.	2.7	19
38	Measuring surface area of airborne titanium dioxide powder agglomerates: relationships between gas adsorption, diffusion and mobility-based methods. Journal of Nanoparticle Research, 2011, 13, 7029-7039.	1.9	14
39	Aerosol characterization and pulmonary responses in rats after short-term inhalation of fumes generated during resistance spot welding of galvanized steel. Toxicology Reports, 2017, 4, 123-133.	3.3	14
40	Preliminary assessment of a model to predict mold contamination based on microbial volatile organic compound profiles. Science of the Total Environment, 2010, 408, 3648-3653.	8.0	13
41	Peaks, Means, and Determinants of Real-Time TVOC Exposures Associated with Cleaning and Disinfecting Tasks in Healthcare Settings. Annals of Work Exposures and Health, 2019, 63, 759-772.	1.4	13
42	Potential Hazards Not Communicated in Safety Data Sheets of Flavoring Formulations, Including Diacetyl and 2,3-Pentanedione. Annals of Work Exposures and Health, 2019, 63, 124-130.	1.4	13
43	Influence of E-Liquid Humectants, Nicotine, and Flavorings on Aerosol Particle Size Distribution and Implications for Modeling Respiratory Deposition. Frontiers in Public Health, 2022, 10, 782068.	2.7	13
44	Effect of Calibration and Environmental Condition on the Performance of Direct-Reading Organic Vapor Monitors. Journal of Occupational and Environmental Hygiene, 2012, 9, 670-680.	1.0	12
45	Assessment of exposure to outdoor BTEX concentrations on the Saint Regis Mohawk Tribe reservation at Akwesasne New York State. Air Quality, Atmosphere and Health, 2013, 6, 181-193.	3.3	12
46	Increased sensitivity of OSHA method analysis of diacetyl and 2,3-pentanedione in air. Journal of Occupational and Environmental Hygiene, 2017, 14, 343-348.	1.0	11
47	Modeled Respiratory Tract Deposition of Aerosolized Oil Diluents Used in Î”9-THC-Based Electronic Cigarette Liquid Products. Frontiers in Public Health, 2021, 9, 744166.	2.7	11
48	Evaluation of an Air Sampling Technique for Assessing Low-Level Volatile Organic Compounds in Indoor Environments. Journal of the Air and Waste Management Association, 2010, 60, 156-162.	1.9	10
49	Effect of Puffing Behavior on Particle Size Distributions and Respiratory Depositions From Pod-Style Electronic Cigarette, or Vaping, Products. Frontiers in Public Health, 2021, 9, 750402.	2.7	10
50	Measurement of airborne nanoparticle surface area using a filter-based gas adsorption method for inhalation toxicology experiments. Nanotoxicology, 2011, 5, 687-699.	3.0	9
51	Prediction of mold contamination from microbial volatile organic compound profiles using head space gas chromatography/mass spectrometry. Microchemical Journal, 2012, 103, 119-124.	4.5	9
52	Effect of interferents on the performance of direct-reading organic vapor monitors. Journal of the Air and Waste Management Association, 2015, 65, 261-269.	1.9	9
53	Carbon monoxide emission rates from roasted whole bean and ground coffee. Journal of the Air and Waste Management Association, 2019, 69, 89-96.	1.9	9
54	Use of 3-Dimensional Printers in Educational Settings: The Need for Awareness of the Effects of Printer Temperature and Filament Type on Contaminant Releases. Journal of Chemical Health and Safety, 2021, 28, 444-456.	2.1	9

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55	Source apportionment of benzene downwind of a major point source. Atmospheric Pollution Research, 2011, 2, 138-143.	3.8	7
56	Comparison of field portable measurements of ultrafine TiO2: X-ray fluorescence, laser-induced breakdown spectroscopy, and Fourier-transform infrared spectroscopy. Environmental Sciences: Processes and Impacts, 2013, 15, 1191.	3.5	7
57	Effect of calibration environment on the performance of direct-reading organic vapor monitors. Journal of the Air and Waste Management Association, 2013, 63, 528-533.	1.9	7
58	Validation of an Evacuated Canister Method for Measuring Part-Per-Billion Levels of Chemical Warfare Agent Simulants. Journal of the Air and Waste Management Association, 2011, 61, 826-833.	1.9	6
59	Measurement of macrocyclic trichothecene in floor dust of water-damaged buildings using gas chromatography/tandem mass spectrometryâ€"dust matrix effects. Journal of Occupational and Environmental Hygiene, 2016, 13, 442-450.	1.0	6
60	Tobacco and other occupational exposures among hookah bar workers. American Journal of Industrial Medicine, 2018, 61, 543-544.	2.1	3
61	Workplace indoor environmental quality and asthmaâ€related outcomes in healthcare workers. American Journal of Industrial Medicine, 2020, 63, 417-428.	2.1	3
62	Chemical Emissions From Heated Vitamin E Acetateâ€"Insights to Respiratory Risks From Electronic Cigarette Liquid Oil Diluents Used in the Aerosolization of Iˆ9-THC-Containing Products. Frontiers in Public Health, 2021, 9, 765168.	2.7	3
63	Assessment of worker chemical exposures in California vape shops. Journal of Occupational and Environmental Hygiene, 2022, 19, 197-209.	1.0	3
64	Work tasks and occupations as risk factors for asthma in a sample of urban healthcare workers. , 2018, , .		1
65	Inhalation and Skin Exposure to Chemicals in Hospital Settings. , 2022, , 1-36.		1
66	Model Predictions of Occupational Exposures to Diacetyl and 2,3-Pentanedione Emitted From Roasted Whole Bean and Ground Coffee: Influence of Roast Level and Physical Form on Specific Emission Rates. Frontiers in Public Health, 2022, 10, 786924.	2.7	1
67	Determinants of Task-Based Exposures to Alpha-Diketones in Coffee Roasting and Packaging Facilities Using a Bayesian Model Averaging Approach. Frontiers in Public Health, 0, 10, .	2.7	1
68	Assessing exposures to cleaning and disinfecting chemicals for an epidemiologic study of asthma in healthcare occupations. Occupational and Environmental Medicine, 2011, 68, A79-A80.	2.8	0
69	Evaluation of Sorbent Sampling and Analysis Procedures for Acetone in Workplace Air: Variations of Concentration and Relative Humidity. Annals of Work Exposures and Health, 2020, 64, 96-105.	1.4	0
70	Is the respiratory health of study participants representative of the entire sample when the participation percentage is low?. , 2015, , .		0
71	Asthma-related respiratory symptoms associated with indoor air quality in healthcare facilities. , 2019, , .		0
72	Workplace mold odor and renovations and the exacerbation of asthma in healthcare workers. , 2020, , .		0

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73	S-58â€…Mixed exposures to cleaning and disinfecting chemicals in healthcare occupations. , 2021, , .		0
74	O-122â€…Determinants of task-based exposures to alpha-diketones in coffee roasting and packaging facilities. , 2021, , .		0
75	S-95â€…Changes in respiratory symptoms, spirometry, and exhaled nitric oxide among home care aides performing cleaning and disinfecting using different products: a longitudinal repeated measures study. , 2021, , .		0