

Ryan F Lebouf

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,904
citations

236612

25
h-index

288905

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. <i>Toxicology in Vitro</i> , 2010, 24, 1790-1796.	1.1	211
2	Emission of particulate matter from a desktop three-dimensional (3D) printer. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 453-465.	1.1	115
3	Characterization of silver nanoparticles in selected consumer products and its relevance for predicting children's potential exposures. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 345-357.	2.1	113
4	Characterization of chemical contaminants generated by a desktop fused deposition modeling 3-dimensional Printer. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 540-550.	0.4	87
5	Nicotine, aerosol particles, carbonyls and volatile organic compounds in tobacco- and menthol-flavored e-cigarettes. <i>Environmental Health</i> , 2017, 16, 42.	1.7	71
6	Inhalation exposure to three-dimensional printer emissions stimulates acute hypertension and microvascular dysfunction. <i>Toxicology and Applied Pharmacology</i> , 2017, 335, 1-5.	1.3	61
7	Dermal exposure potential from textiles that contain silver nanoparticles. <i>International Journal of Occupational and Environmental Health</i> , 2014, 20, 220-234.	1.2	55
8	Characterization of cleaning and disinfecting tasks and product use among hospital occupations. <i>American Journal of Industrial Medicine</i> , 2015, 58, 101-111.	1.0	55
9	Surgical smoke control with local exhaust ventilation: Experimental study. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 341-350.	0.4	45
10	Evaluation of emissions and exposures at workplaces using desktop 3-dimensional printers. <i>Journal of Chemical Health and Safety</i> , 2019, 26, 19-30.	1.1	45
11	Respiratory morbidity in a coffee processing workplace with sentinel obliterative bronchiolitis cases. <i>American Journal of Industrial Medicine</i> , 2015, 58, 1235-1245.	1.0	44
12	Identification and Measurement of Diacetyl Substitutes in Dry Bakery Mix Production. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 93-103.	0.4	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. <i>Journal of Occupational Medicine and Toxicology</i> , 2018, 13, 12.	0.9	40
15	Three-dimensional printing with nano-enabled filaments releases polymer particles containing carbon nanotubes into air. <i>Indoor Air</i> , 2018, 28, 840-851.	2.0	40
16	Exposures during industrial 3-D printing and post-processing tasks. <i>Rapid Prototyping Journal</i> , 2018, 24, 865-871.	1.6	39
17	Exposure to volatile organic compounds in healthcare settings. <i>Occupational and Environmental Medicine</i> , 2014, 71, 642-650.	1.3	36
18	Respiratory symptoms and lung function abnormalities related to work at a flavouring manufacturing facility. <i>Occupational and Environmental Medicine</i> , 2014, 71, 549-554.	1.3	33

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19	Exposures to Volatile Organic Compounds among Healthcare Workers: Modeling the Effects of Cleaning Tasks and Product Use. <i>Annals of Work Exposures and Health</i> , 2018, 62, 852-870.	0.6	33
20	VOCs Emissions from Multiple Wood Pellet Types and Concentrations in Indoor Air. <i>Energy & Fuels</i> , 2015, 29, 6485-6493.	2.5	32
21	Validation of evacuated canisters for sampling volatile organic compounds in healthcare settings. <i>Journal of Environmental Monitoring</i> , 2012, 14, 977.	2.1	31
22	Environmental characterization of a coffee processing workplace with obliterative bronchiolitis in former workers. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 770-781.	0.4	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. <i>Toxicological Sciences</i> , 2018, 165, 302-313.	1.4	31
24	Pulmonary and systemic toxicity in rats following inhalation exposure of 3-D printer emissions from acrylonitrile butadiene styrene (ABS) filament. <i>Inhalation Toxicology</i> , 2020, 32, 403-418.	0.8	31
25	Proliferation Resistance Assessment Methodology for Nuclear Fuel Cycles. <i>Nuclear Technology</i> , 2007, 157, 143-156.	0.7	30
26	Seasonal and Diurnal Variability in Airborne Mold from an Indoor Residential Environment in Northern New York. <i>Journal of the Air and Waste Management Association</i> , 2008, 58, 684-692.	0.9	26
27	Headspace analysis for screening of volatile organic compound profiles of electronic juice bulk material. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5951-5960.	1.9	26
28	Deposition Uniformity of Coal Dust on Filters and Its Effect on the Accuracy of FTIR Analyses for Silica. <i>Aerosol Science and Technology</i> , 2013, 47, 724-733.	1.5	25
29	Evaluation of a portable gas chromatograph with photoionization detector under variations of VOC concentration, temperature, and relative humidity. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 351-360.	0.4	25
30	Clustering asthma symptoms and cleaning and disinfecting activities and evaluating their associations among healthcare workers. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 873-883.	2.1	24
31	Severe lung disease characterized by lymphocytic bronchiolitis, alveolar ductitis, and emphysema (BADE) in industrial machine manufacturing workers. <i>American Journal of Industrial Medicine</i> , 2019, 62, 927-937.	1.0	22
32	Particle and organic vapor emissions from children's 3-D pen and 3-D printer toys. <i>Inhalation Toxicology</i> , 2019, 31, 432-445.	0.8	21
33	Prediction of mold contamination from microbial volatile organic compound profiles using solid phase microextraction and gas chromatography/mass spectrometry. <i>Microchemical Journal</i> , 2012, 103, 37-41.	2.3	20
34	Air and Surface Sampling Method for Assessing Exposures to Quaternary Ammonium Compounds Using Liquid Chromatography Tandem Mass Spectrometry. <i>Annals of Work Exposures and Health</i> , 2017, 61, 724-736.	0.6	20
35	Occupation and task as risk factors for asthma-related outcomes among healthcare workers in New York City. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 211-220.	2.1	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. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105911.	5.3	20

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37	Exposures and Emissions in Coffee Roasting Facilities and Caf��s: Diacetyl, 2,3-Pentanedione, and Other Volatile Organic Compounds. <i>Frontiers in Public Health</i> , 2020, 8, 561740.	1.3	19
38	Measuring surface area of airborne titanium dioxide powder agglomerates: relationships between gas adsorption, diffusion and mobility-based methods. <i>Journal of Nanoparticle Research</i> , 2011, 13, 7029-7039.	0.8	14
39	Aerosol characterization and pulmonary responses in rats after short-term inhalation of fumes generated during resistance spot welding of galvanized steel. <i>Toxicology Reports</i> , 2017, 4, 123-133.	1.6	14
40	Preliminary assessment of a model to predict mold contamination based on microbial volatile organic compound profiles. <i>Science of the Total Environment</i> , 2010, 408, 3648-3653.	3.9	13
41	Peaks, Means, and Determinants of Real-Time TVOC Exposures Associated with Cleaning and Disinfecting Tasks in Healthcare Settings. <i>Annals of Work Exposures and Health</i> , 2019, 63, 759-772.	0.6	13
42	Potential Hazards Not Communicated in Safety Data Sheets of Flavoring Formulations, Including Diacetyl and 2,3-Pentanedione. <i>Annals of Work Exposures and Health</i> , 2019, 63, 124-130.	0.6	13
43	Influence of E-Liquid Humectants, Nicotine, and Flavorings on Aerosol Particle Size Distribution and Implications for Modeling Respiratory Deposition. <i>Frontiers in Public Health</i> , 2022, 10, 782068.	1.3	13
44	Effect of Calibration and Environmental Condition on the Performance of Direct-Reading Organic Vapor Monitors. <i>Journal of Occupational and Environmental Hygiene</i> , 2012, 9, 670-680.	0.4	12
45	Assessment of exposure to outdoor BTEX concentrations on the Saint Regis Mohawk Tribe reservation at Akwesasne New York State. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 181-193.	1.5	12
46	Increased sensitivity of OSHA method analysis of diacetyl and 2,3-pentanedione in air. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 343-348.	0.4	11
47	Modeled Respiratory Tract Deposition of Aerosolized Oil Diluents Used in ��9-THC-Based Electronic Cigarette Liquid Products. <i>Frontiers in Public Health</i> , 2021, 9, 744166.	1.3	11
48	Evaluation of an Air Sampling Technique for Assessing Low-Level Volatile Organic Compounds in Indoor Environments. <i>Journal of the Air and Waste Management Association</i> , 2010, 60, 156-162.	0.9	10
49	Effect of Puffing Behavior on Particle Size Distributions and Respiratory Depositions From Pod-Style Electronic Cigarette, or Vaping, Products. <i>Frontiers in Public Health</i> , 2021, 9, 750402.	1.3	10
50	Measurement of airborne nanoparticle surface area using a filter-based gas adsorption method for inhalation toxicology experiments. <i>Nanotoxicology</i> , 2011, 5, 687-699.	1.6	9
51	Prediction of mold contamination from microbial volatile organic compound profiles using head space gas chromatography/mass spectrometry. <i>Microchemical Journal</i> , 2012, 103, 119-124.	2.3	9
52	Effect of interferences on the performance of direct-reading organic vapor monitors. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 261-269.	0.9	9
53	Carbon monoxide emission rates from roasted whole bean and ground coffee. <i>Journal of the Air and Waste Management Association</i> , 2019, 69, 89-96.	0.9	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. <i>Journal of Chemical Health and Safety</i> , 2021, 28, 444-456.	1.1	9

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55	Source apportionment of benzene downwind of a major point source. <i>Atmospheric Pollution Research</i> , 2011, 2, 138-143.	1.8	7
56	Comparison of field portable measurements of ultrafine TiO ₂ : X-ray fluorescence, laser-induced breakdown spectroscopy, and Fourier-transform infrared spectroscopy. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1191.	1.7	7
57	Effect of calibration environment on the performance of direct-reading organic vapor monitors. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 528-533.	0.9	7
58	Validation of an Evacuated Canister Method for Measuring Part-Per-Billion Levels of Chemical Warfare Agent Simulants. <i>Journal of the Air and Waste Management Association</i> , 2011, 61, 826-833.	0.9	6
59	Measurement of macrocyclic trichothecene in floor dust of water-damaged buildings using gas chromatography/tandem mass spectrometry—dust matrix effects. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 442-450.	0.4	6
60	Tobacco and other occupational exposures among hookah bar workers. <i>American Journal of Industrial Medicine</i> , 2018, 61, 543-544.	1.0	3
61	Workplace indoor environmental quality and asthma-related outcomes in healthcare workers. <i>American Journal of Industrial Medicine</i> , 2020, 63, 417-428.	1.0	3
62	Chemical Emissions From Heated Vitamin E Acetate—Insights to Respiratory Risks From Electronic Cigarette Liquid Oil Diluents Used in the Aerosolization of ¹⁰ 9-THC-Containing Products. <i>Frontiers in Public Health</i> , 2021, 9, 765168.	1.3	3
63	Assessment of worker chemical exposures in California vape shops. <i>Journal of Occupational and Environmental Hygiene</i> , 2022, 19, 197-209.	0.4	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. <i>Frontiers in Public Health</i> , 2022, 10, 786924.	1.3	1
67	Determinants of Task-Based Exposures to Alpha-Diketones in Coffee Roasting and Packaging Facilities Using a Bayesian Model Averaging Approach. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	1
68	Assessing exposures to cleaning and disinfecting chemicals for an epidemiologic study of asthma in healthcare occupations. <i>Occupational and Environmental Medicine</i> , 2011, 68, A79-A80.	1.3	0
69	Evaluation of Sorbent Sampling and Analysis Procedures for Acetone in Workplace Air: Variations of Concentration and Relative Humidity. <i>Annals of Work Exposures and Health</i> , 2020, 64, 96-105.	0.6	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