

Mohammed Abbas Virji

List of Publications by Year in descending order

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79
papers

1,616
citations

304368

22
h-index

344852

36
g-index

80
all docs

80
docs citations

80
times ranked

1481
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.3	20
2	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.	1.3	13
3	Large-Format Additive Manufacturing and Machining Using High-Melt-Temperature Polymers. Part II: Characterization of Particles and Gases. Journal of Chemical Health and Safety, 2021, 28, 268-278.	1.1	8
4	Particle transfer and adherence to human skin compared with cotton glove and pre-moistened polyvinyl alcohol exposure sampling substrates. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 585-598.	0.9	0
5	Large-Format Additive Manufacturing and Machining Using High-Melt-Temperature Polymers. Part I: Real-Time Particulate and Gas-Phase Emissions. Journal of Chemical Health and Safety, 2021, 28, 190-200.	1.1	8
6	Assessment of home care aides'™ respiratory exposure to total volatile organic compounds and chlorine during simulated bathroom cleaning: An experimental design with conventional and 'œgreen' products. Journal of Occupational and Environmental Hygiene, 2021, 18, 276-287.	0.4	7
7	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.	1.1	9
8	HLA-DPB1 E69 genotype and exposure in beryllium sensitisation and disease. Occupational and Environmental Medicine, 2021, , oemed-2021-107736.	1.3	1
9	A Strategy for Field Evaluations of Exposures and Respiratory Health of Workers at Small- to Medium-Sized Coffee Facilities. Frontiers in Public Health, 2021, 9, 705225.	1.3	4
10	Respiratory Symptoms in Hospital Cleaning Staff Exposed to a Product Containing Hydrogen Peroxide, Peracetic Acid, and Acetic Acid. Annals of Work Exposures and Health, 2020, 64, 911-911.	0.6	1
11	Work Tasks as Determinants of Respirable and Inhalable Indium Exposure among Workers at an Indium'™Tin Oxide Production and Reclamation Facility. Annals of Work Exposures and Health, 2020, 64, 175-184.	0.6	7
12	Exposures and Emissions in Coffee Roasting Facilities and Caf'œs: Diacetyl, 2,3-Pentanedione, and Other Volatile Organic Compounds. Frontiers in Public Health, 2020, 8, 561740.	1.3	19
13	Evidence for Environmental'™Human Microbiota Transfer at a Manufacturing Facility with Novel Work-related Respiratory Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1678-1688.	2.5	16
14	Relationship Between Tasks and Respiratory Health Outcomes in Workers at Coffee Roasting and Packaging Facilities. , 2020, , .		0
15	Work-Related Upper Airway, Eye, and Lower Airway Symptoms in Hospital Staff Exposed to a Cleaning Product Containing Hydrogen Peroxide, Peracetic Acid, and Acetic Acid. , 2020, , .		0
16	The Respiratory Health of a Manufacturing Facility Workforce Following Identification of a Cluster of Novel B-Cell Bronchiolitis-Alveolar Ductitis with Emphysema (BADE). , 2020, , .		0
17	Work-related adverse respiratory health outcomes at a machine manufacturing facility with a cluster of bronchiolitis, alveolar ductitis and emphysema (BADE). Occupational and Environmental Medicine, 2020, 77, 386-392.	1.3	6
18	Workplace indoor environmental quality and asthma'™related outcomes in healthcare workers. American Journal of Industrial Medicine, 2020, 63, 417-428.	1.0	3

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19	The Burden of Respiratory Abnormalities Among Workers at Coffee Roasting and Packaging Facilities. <i>Frontiers in Public Health</i> , 2020, 8, 5.	1.3	13
20	Peak Inhalation Exposure Metrics Used in Occupational Epidemiologic and Exposure Studies. <i>Frontiers in Public Health</i> , 2020, 8, 611693.	1.3	9
21	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
22	Associations of Metrics of Peak Inhalation Exposure and Skin Exposure Indices With Beryllium Sensitization at a Beryllium Manufacturing Facility. <i>Annals of Work Exposures and Health</i> , 2019, 63, 856-869.	0.6	7
23	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
24	Particle and vapor emissions from vat polymerization desktop-scale 3-dimensional printers. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 519-531.	0.4	32
25	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
26	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
27	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
28	A field evaluation of a single sampler for respirable and inhalable indium and dust measurements at an indium-tin oxide manufacturing facility. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 66-77.	0.4	6
29	The Long-Term Effects of Cleaning on the Lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1099-1101.	2.5	12
30	Serum YKL-40 in workers at an indium-tin oxide production facility. <i>Respirology</i> , 2018, 23, 341-342.	1.3	0
31	Respiratory Symptoms in Hospital Cleaning Staff Exposed to a Product Containing Hydrogen Peroxide, Peracetic Acid, and Acetic Acid. <i>Annals of Work Exposures and Health</i> , 2018, 62, 28-40.	0.6	41
32	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
33	Assessing risk of indium lung disease to workers in downstream industries. <i>American Journal of Industrial Medicine</i> , 2017, 60, 310-311.	1.0	5
34	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
35	Application of the ICRP respiratory tract model to estimate pulmonary retention of industrially sampled indium-containing dusts. <i>Inhalation Toxicology</i> , 2017, 29, 169-178.	0.8	8
36	Current asthma and asthma-like symptoms among workers at a Veterans Administration Medical Center. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 1325-1332.	2.1	13

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37	A Bayesian Approach for Summarizing and Modeling Time-Series Exposure Data with Left Censoring. <i>Annals of Work Exposures and Health</i> , 2017, 61, 773-783.	0.6	10
38	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
39	Respirable indium exposures, plasma indium, and respiratory health among indium tin oxide (ITO) workers. <i>American Journal of Industrial Medicine</i> , 2016, 59, 522-531.	1.0	43
40	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
41	Annual decline in forced expiratory volume is steeper in aluminum potroom workers than in workers without exposure to potroom fumes. <i>American Journal of Industrial Medicine</i> , 2016, 59, 322-329.	1.0	3
42	O47-5â€...Association of metrics of peak exposure with beryllium sensitisation. , 2016, , .		0
43	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
44	Construction of a Job Exposure Matrix to Dust, Fluoride, and Polycyclic Aromatic Hydrocarbons in the Norwegian Aluminum Industry using Prediction Models. <i>Annals of Occupational Hygiene</i> , 2015, 59, 1106-1121.	1.9	1
45	Early Changes in Clinical, Functional, and Laboratory Biomarkers in Workers at Risk of Indium Lung Disease. <i>Annals of the American Thoracic Society</i> , 2014, 11, 1395-1403.	1.5	24
46	Migration of Beryllium via Multiple Exposure Pathways among Work Processes in Four Different Facilities. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, 781-792.	0.4	5
47	A Review of Engineered Nanomaterial Manufacturing Processes and Associated Exposures. , 2014, , 103-125.		23
48	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
49	Exposures and Cross-shift Lung Function Declines in Wildland Firefighters. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, 591-603.	0.4	49
50	Exposure to volatile organic compounds in healthcare settings. <i>Occupational and Environmental Medicine</i> , 2014, 71, 642-650.	1.3	36
51	Dissolution of the metal sensitizers Ni, Be, Cr in artificial sweat to improve estimates of dermal bioaccessibility. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 341.	1.7	23
52	Harmonization of Measurement Strategies for Exposure to Manufactured Nano-Objects; Report of a Workshop. <i>Annals of Occupational Hygiene</i> , 2012, 56, 1-9.	1.9	80
53	Validation of evacuated canisters for sampling volatile organic compounds in healthcare settings. <i>Journal of Environmental Monitoring</i> , 2012, 14, 977.	2.1	31
54	Release of Beryllium Into Artificial Airway Epithelial Lining Fluid. <i>Archives of Environmental and Occupational Health</i> , 2012, 67, 219-228.	0.7	6

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55	Release of beryllium from mineral ores in artificial lung and skin surface fluids. <i>Environmental Geochemistry and Health</i> , 2012, 34, 313-322.	1.8	5
56	Sensitization and chronic beryllium disease at a primary manufacturing facility, part 2: validation of historical exposures. <i>Scandinavian Journal of Work, Environment and Health</i> , 2012, 38, 259-269.	1.7	4
57	Sensitization and chronic beryllium disease at a primary manufacturing facility, part 1: historical exposure reconstruction. <i>Scandinavian Journal of Work, Environment and Health</i> , 2012, 38, 247-258.	1.7	9
58	Sensitization and chronic beryllium disease at a primary manufacturing facility, part 3: exposureâ€™response among short-term workers. <i>Scandinavian Journal of Work, Environment and Health</i> , 2012, 38, 270-281.	1.7	37
59	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
60	Dissolution of beryllium in artificial lung alveolar macrophage phagolysosomal fluid. <i>Chemosphere</i> , 2011, 83, 1181-1187.	4.2	13
61	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
62	Influence of artificial gastric juice composition on bioaccessibility of cobalt- and tungsten-containing powders. <i>International Journal of Hygiene and Environmental Health</i> , 2010, 213, 107-115.	2.1	24
63	Characterization of Exposures to Airborne Nanoscale Particles During Friction Stir Welding of Aluminum. <i>Annals of Occupational Hygiene</i> , 2010, 54, 486-503.	1.9	27
64	Characteristics of Beryllium Exposure to Small Particles at a Beryllium Production Facility. <i>Annals of Occupational Hygiene</i> , 2010, 55, 70-85.	1.9	14
65	Release of Beryllium from Beryllium-Containing Materials in Artificial Skin Surface Film Liquids. <i>Annals of Occupational Hygiene</i> , 2010, 55, 57-69.	1.9	14
66	Dissolution of cemented carbide powders in artificial sweat: implications for cobalt sensitization and contact dermatitis. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1815.	2.1	11
67	Understanding Workplace Processes and Factors that Influence Exposures to Engineered Nanomaterials. <i>International Journal of Occupational and Environmental Health</i> , 2010, 16, 365-377.	1.2	14
68	Characterization of Exposures To Nanoscale Particles and Fibers During Solid Core Drilling of Hybrid Carbon Nanotube Advanced Composites. <i>International Journal of Occupational and Environmental Health</i> , 2010, 16, 434-450.	1.2	64
69	A Reconsideration of Acute Beryllium Disease. <i>Environmental Health Perspectives</i> , 2009, 117, 1250-1256.	2.8	56
70	Agreement between Task-Based Estimates of the Full-Shift Noise Exposure and the Full-Shift Noise Dosimetry. <i>Annals of Occupational Hygiene</i> , 2009, 53, 201-14.	1.9	18
71	Characterization of exposures among cemented tungsten carbide workers. Part II: Assessment of surface contamination and skin exposures to cobalt, chromium and nickel. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009, 19, 423-434.	1.8	30
72	Characterization of exposures among cemented tungsten carbide workers. Part I: Size-fractionated exposures to airborne cobalt and tungsten particles. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009, 19, 475-491.	1.8	36

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73	Dissolution and reactive oxygen species generation of inhaled cemented tungsten carbide particles in artificial human lung fluids. <i>Journal of Physics: Conference Series</i> , 2009, 151, 012045.	0.3	6
74	Summary of the Findings from the Exposure Assessments for Metalworking Fluid Mortality and Morbidity Studies. <i>Journal of Occupational and Environmental Hygiene</i> , 2003, 18, 855-864.	0.5	41
75	Quantification of Respirable, Thoracic, and Inhalable Quartz Exposures by FT-IR in Personal Impactor Samples from Construction Sites. <i>Journal of Occupational and Environmental Hygiene</i> , 2002, 17, 580-590.	0.5	8
76	Analysis of Quartz by FT-IR in Air Samples of Construction Dust. <i>Journal of Occupational and Environmental Hygiene</i> , 2002, 17, 165-175.	0.5	10
77	Identifying the Determinants of Viable Microorganisms in the Air and Bulk Metalworking Fluids. <i>AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2000, 61, 788-797.	0.4	8
78	A field investigation of the acute respiratory effects of metal working fluids. I. Effects of aerosol exposures. , 1997, 31, 756-766.		44
79	Exposure Assessment for a Field Investigation of the Acute Respiratory Effects of Metalworking Fluids. I. Summary of Findings. <i>AIHA Journal</i> , 1996, 57, 1154-1162.	0.4	39