Robert N Phalen

List of Publications by Year
in descending order

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18	161	1163117 8	1199594 12
papers	citations	h-index	g-index

19	19	19	97
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Changes in Chemical Permeation of Disposable Latex, Nitrile, and Vinyl Gloves Exposed to Simulated Movement. Journal of Occupational and Environmental Hygiene, 2014, 11, 716-721.	1.0	20
2	Permeation of captan through disposable nitrile glove. Journal of Hazardous Materials, 2003, 100, 95-107.	12.4	19
3	Chemical Resistance of Disposable Nitrile Gloves Exposed to Simulated Movement. Journal of Occupational and Environmental Hygiene, 2012, 9, 630-639.	1.0	19
4	Acrylonitrile content as a predictor of the captan permeation resistance for disposablenitrile rubber gloves. Journal of Applied Polymer Science, 2007, 103, 2057-2063.	2.6	18
5	Integrity of Disposable Nitrile Exam Gloves Exposed to Simulated Movement. Journal of Occupational and Environmental Hygiene, 2011, 8, 289-299.	1.0	18
6	A Moving Robotic Hand System for Whole-Glove Permeation and Penetration: Captan and Nitrile Gloves. Journal of Occupational and Environmental Hygiene, 2008, 5, 258-270.	1.0	15
7	Polymer properties associated with chemical permeation performance of disposable nitrile rubber gloves. Journal of Applied Polymer Science, 2015, 132, .	2.6	10
8	Tensile Properties and Integrity of Clean Room and Low-Modulus Disposable Nitrile Gloves: A Comparison of Two Dissimilar Glove Types. Annals of Occupational Hygiene, 2011, 56, 450-7.	1.9	9
9	Analysis of Captan on Nitrile Glove Surfaces Using a Portable Attenuated Total Reflection Fourier Transform Infrared Spectrometer. Applied Spectroscopy, 2005, 59, 724-731.	2.2	5
10	Chemical permeation of similar disposable nitrile gloves exposed to volatile organic compounds with different polarities: Part 1: Product variation. Journal of Occupational and Environmental Hygiene, 2020, 17, 165-171.	1.0	5
11	Chemical permeation of similar disposable nitrile gloves exposed to volatile organic compounds with different polarities Part 2. Predictive polymer properties. Journal of Occupational and Environmental Hygiene, 2020, 17, 172-180.	1.0	5
12	Evaluation of the effects of repeated disinfection on medical exam gloves: Part 1. Changes in physical integrity. Journal of Occupational and Environmental Hygiene, 2022, 19, 102-110.	1.0	5
13	Mechanism on the permeation of ethanol in nitrile gloves studied using positron annihilation lifetime spectroscopy. Journal of Applied Polymer Science, 2015, 132, .	2.6	4
14	Variability in Surface Infrared Reflectance of Thirteen Nitrile Rubber Gloves at Key Wavelengths for Analysis of Captan. Applied Spectroscopy, 2007, 61, 204-211.	2.2	3
15	Review of the Performance, Selection, and Use of Gloves for Chemical Protection. Journal of Chemical Health and Safety, 2022, 29, 39-48.	2.1	3
16	Evaluation of Coarse and Fine Particulate Sources Using a Portable Aerosol Monitor in a Desert Community. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 380-383.	2.7	1
17	Evaluating polymer degradation with complex mixtures using a simplified surface area method. Journal of Occupational and Environmental Hygiene, 2017, 14, 720-726.	1.0	1
18	Evaluation of the effects of repeated disinfection on medical exam gloves: Part 2. Changes in mechanical properties. Journal of Occupational and Environmental Hygiene, 2022, 19, 111-121.	1.0	1