

# Robert N Phalen

## List of Publications by Year in descending order

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18  
papers

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citations

1163117

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1199594

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19  
docs citations

19  
times ranked

97  
citing authors

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