

Samy Rengasamy

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,170
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Respiratory Protection—Evaluation of the Filtration Performance of Cloth Masks and Common Fabric Materials Against 20–1000 nm Size Particles. <i>Annals of Occupational Hygiene</i> , 2010, 54, 789-98.	1.9	229
2	Comparison of Nanoparticle Filtration Performance of NIOSH-approved and CE-Marked Particulate Filtering Facepiece Respirators. <i>Annals of Occupational Hygiene</i> , 2009, 53, 117-128.	1.9	137
3	A comparison of facemask and respirator filtration test methods. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 92-103.	1.0	137
4	Filtration Performance of NIOSH-Approved N95 and P100 Filtering Facepiece Respirators Against 4 to 30 Nanometer-Size Nanoparticles. <i>Journal of Occupational and Environmental Hygiene</i> , 2008, 5, 556-564.	1.0	106
5	Respiratory protection against airborne nanoparticles: a review. <i>Journal of Nanoparticle Research</i> , 2009, 11, 1661-1672.	1.9	96
6	Development of a Test System To Evaluate Procedures for Decontamination of Respirators Containing Viral Droplets. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7303-7309.	3.1	64
7	Total Inward Leakage of Nanoparticles Through Filtering Facepiece Respirators. <i>Annals of Occupational Hygiene</i> , 2011, 55, 253-63.	1.9	63
8	A Quantitative Assessment of the Total Inward Leakage of NaCl Aerosol Representing Submicron-Size Bioaerosol Through N95 Filtering Facepiece Respirators and Surgical Masks. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, 388-396.	1.0	50
9	Evaluation of the survivability of MS2 viral aerosols deposited on filtering face piece respirator samples incorporating antimicrobial technologies. <i>American Journal of Infection Control</i> , 2010, 38, 9-17.	2.3	48
10	Development of a Test System To Apply Virus-Containing Particles to Filtering Facepiece Respirators for the Evaluation of Decontamination Procedures. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1500-1507.	3.1	45
11	Evaluation of the Filtration Performance of NIOSH-Approved N95 Filtering Facepiece Respirators by Photometric and Number-Based Test Methods. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 23-30.	1.0	44
12	Nanoparticle Penetration through Filter Media and Leakage through Face Seal Interface of N95 Filtering Facepiece Respirators. <i>Annals of Occupational Hygiene</i> , 2012, 56, 568-80.	1.9	44
13	A comparison of total inward leakage measured using sodium chloride (NaCl) and corn oil aerosol methods for air-purifying respirators. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 616-627.	1.0	24
14	Respirator Performance against Nanoparticles under Simulated Workplace Activities. <i>Annals of Occupational Hygiene</i> , 2015, 59, 1012-1021.	1.9	20
15	Evaluation of the Performance of the N95-Companion: Effects of Filter Penetration and Comparison with Other Aerosol Instruments. <i>Journal of Occupational and Environmental Hygiene</i> , 2012, 9, 417-426.	1.0	17
16	Nanoparticle Filtration Performance of NIOSH-Certified Particulate Air-Purifying Filtering Facepiece Respirators: Evaluation by Light Scattering Photometric and Particle Number-Based Test Methods. <i>Journal of Occupational and Environmental Hygiene</i> , 2012, 9, 99-109.	1.0	17
17	Total Inward Leakage Measurement of Particulates for N95 Filtering Facepiece Respirators—A Comparison Study. <i>Annals of Occupational Hygiene</i> , 2014, 58, 206-16.	1.9	16
18	Protection Factor for N95 Filtering Facepiece Respirators Exposed to Laboratory Aerosols Containing Different Concentrations of Nanoparticles. <i>Annals of Occupational Hygiene</i> , 2015, 59, 373-81.	1.9	8

#	ARTICLE	IF	CITATIONS
19	New technique to evaluate decontamination methods for filtering facepiece respirators. American Journal of Infection Control, 2021, 49, 416-423.	2.3	4
20	Evaluation of total inward leakage for NIOSH-approved elastomeric half-facepiece, full-facepiece, and powered air-purifying respirators using sodium chloride and corn oil aerosols. Journal of Occupational and Environmental Hygiene, 2021, 18, 305-313.	1.0	1