Donald H Beezhold

List of Publications by Year
in descending order

136 papers	6,514 citations	66234 42 h-index	74018 75 g-index
143 all docs	143 docs citations	143 times ranked	6302 citing authors

#	Article	IF	Citations
1	Face mask fit modifications that improve source control performance. American Journal of Infection Control, 2022, 50, 133-140.	1.1	22
2	Reduction of exposure to simulated respiratory aerosols using ventilation, physical distancing, and universal masking. Indoor Air, 2022, 32, e12987.	2.0	7
3	Efficacy of face masks, neck gaiters and face shields for reducing the expulsion of simulated cough-generated aerosols. Aerosol Science and Technology, 2021, 55, 449-457.	1.5	115
4	Aspergillus versicolor Inhalation Triggers Neuroimmune, Glial, and Neuropeptide Transcriptional Changes. ASN Neuro, 2021, 13, 175909142110198.	1.5	4
5	Maximizing Fit for Cloth and Medical Procedure Masks to Improve Performance and Reduce SARS-CoV-2 Transmission and Exposure, 2021. Morbidity and Mortality Weekly Report, 2021, 70, 254-257.	9.0	133
6	Differential Expression of Serum Exosome microRNAs and Cytokines in Influenza A and B Patients Collected in the 2016 and 2017 Influenza Seasons. Pathogens, 2021, 10, 149.	1.2	13
7	Influenza Virus-Induced Novel miRNAs Regulate the STAT Pathway. Viruses, 2021, 13, 967.	1.5	9
8	A comparison of performance metrics for cloth masks as source control devices for simulated cough and exhalation aerosols. Aerosol Science and Technology, 2021, 55, 1125-1142.	1.5	31
9	Efficacy of universal masking for source control and personal protection from simulated cough and exhaled aerosols in a room. Journal of Occupational and Environmental Hygiene, 2021, 18, 409-422.	0.4	20
10	Efficacy of Portable Air Cleaners and Masking for Reducing Indoor Exposure to Simulated Exhaled SARS-CoV-2 Aerosols â€" United States, 2021. Morbidity and Mortality Weekly Report, 2021, 70, 972-976.	9.0	83
11	Efficacy of Ventilation, HEPA Air Cleaners, Universal Masking, and Physical Distancing for Reducing Exposure to Simulated Exhaled Aerosols in a Meeting Room. Viruses, 2021, 13, 2536.	1.5	19
12	Inhalation of Stachybotrys chartarum Fragments Induces Pulmonary Arterial Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 563-576.	1.4	10
13	Occupational Allergies to Cannabis. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3331-3338.	2.0	16
14	Cannabis: An Emerging Occupational Allergen?. Annals of Work Exposures and Health, 2020, 64, 679-682.	0.6	13
15	Potential occupational and respiratory hazards in a Minnesota cannabis cultivation and processing facility. American Journal of Industrial Medicine, 2019, 62, 874-882.	1.0	11
16	Cultivation and aerosolization of Stachybotrys chartarum for modeling pulmonary inhalation exposure. Inhalation Toxicology, 2019, 31, 446-456.	0.8	3
17	Endotoxin exposures during harvesting and processing cannabis at an outdoor cannabis farm. Aerobiologia, 2019, 35, 367-371.	0.7	3
18	Aspergillus fumigatus viability drives allergic responses to inhaled conidia. Annals of Allergy, Asthma and Immunology, 2018, 121, 200-210.e2.	0.5	18

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19	Microbial hazards during harvesting and processing at an outdoor United States cannabis farm. Journal of Occupational and Environmental Hygiene, 2018, 15, 430-440.	0.4	37
20	Healthcare personnel exposure in an emergency department during influenza season. PLoS ONE, 2018, 13, e0203223.	1.1	29
21	Detection of an avian lineage influenza A(H7N2) virus in air and surface samples at a New York City feline quarantine facility. Influenza and Other Respiratory Viruses, 2018, 12, 613-622.	1.5	14
22	Assessment of influenza virus exposure and recovery from contaminated surgical masks and N95 respirators. Journal of Virological Methods, 2018, 260, 98-106.	1.0	29
23	MicroRNA Regulation of Host Immune Responses following Fungal Exposure. Frontiers in Immunology, 2018, 9, 170.	2.2	43
24	Influenza virus infection modulates the death receptor pathway during early stages of infection in human bronchial epithelial cells. Physiological Genomics, 2018, 50, 770-779.	1.0	5
25	Nanotechnology in agriculture: Opportunities, toxicological implications, and occupational risks. Toxicology and Applied Pharmacology, 2017, 329, 96-111.	1.3	373
26	Pulmonary Immune Response Following Subchronic Stachybotrys chartarum Exposure. Journal of Allergy and Clinical Immunology, 2017, 139, AB75.	1.5	2
27	Fibrillar vs crystalline nanocellulose pulmonary epithelial cell responses: Cytotoxicity or inflammation?. Chemosphere, 2017, 171, 671-680.	4.2	84
28	Upregulation of miRNA-4776 in Influenza Virus Infected Bronchial Epithelial Cells Is Associated with Downregulation of NFKBIB and Increased Viral Survival. Viruses, 2017, 9, 94.	1.5	27
29	Allergenicity to Cannabis sativa L. and Methods to Assess Personal Exposure. , 2017, , 263-284.		4
30	ICAM-1 regulates the survival of influenza virus in lung epithelial cells during the early stages of infection. Virology, 2016, 487, 85-94.	1.1	42
31	Inhibition of influenza A virus matrix and nonstructural gene expression using RNA interference. Virology, 2016, 497, 171-184.	1.1	18
32	Influence of Aspergillus fumigatus conidia viability on murine pulmonary micro<scp>RNA</scp> and m<scp>RNA</scp> expression following subchronic inhalation exposure. Clinical and Experimental Allergy, 2016, 46, 1315-1327.	1.4	55
33	Viable influenza A virus in airborne particles expelled during coughs versus exhalations. Influenza and Other Respiratory Viruses, 2016, 10, 404-413.	1.5	120
34	Characterization and comparative analysis of 2,4-toluene diisocyanate and 1,6-hexamethylene diisocyanate haptenated human serum albumin and hemoglobin. Journal of Immunological Methods, 2016, 431, 38-44.	0.6	10
35	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. PLoS ONE, 2016, 11, e0148669.	1.1	51
36	Clinical relevance of the Hevea brasiliensis lipid transfer protein Hev b 12. Journal of Allergy and Clinical Immunology, 2015, 135, 1645-1648.e1.	1.5	30

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37	Viable Influenza A Virus in Airborne Particles from Human Coughs. Journal of Occupational and Environmental Hygiene, 2015, 12, 107-113.	0.4	112
38	Efficacy of Face Shields Against Cough Aerosol Droplets from a Cough Simulator. Journal of Occupational and Environmental Hygiene, 2014, 11, 509-518.	0.4	191
39	Production of aChaetomium globosumEnolase Monoclonal Antibody. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2014, 33, 428-437.	0.8	4
40	Pulmonary immune responses toAspergillus fumigatusin an immunocompetent mouse model of repeated exposures. Journal of Immunotoxicology, 2014, 11, 180-189.	0.9	13
41	Expression kinetics of miRNA involved in dermal toluene 2,4-diisocyanate sensitization. Journal of Immunotoxicology, 2014, 11, 250-259.	0.9	14
42	Toluene Diisocyanate (TDI) Disposition and Co-Localization of Immune Cells in Hair Follicles. Toxicological Sciences, 2014, 140, 327-337.	1.4	17
43	Exposure to Influenza Virus Aerosols in the Hospital Setting: Is Routine Patient Care an Aerosol Generating Procedure?. Journal of Infectious Diseases, 2014, 210, 504-505.	1.9	9
44	A Murine Monoclonal Antibody with Broad Specificity for Occupationally Relevant Diisocyanates. Journal of Occupational and Environmental Hygiene, 2014, 11, 101-110.	0.4	7
45	Internal transcribed spacer rRNA gene sequencing analysis of fungal diversity in Kansas City indoor environments. Environmental Sciences: Processes and Impacts, 2014, 16, 33-43.	1.7	40
46	Allergic sensitization in Canadian chronic rhinosinusitis patients. Allergy, Asthma and Clinical Immunology, 2014, 10, 15.	0.9	12
47	Lung epithelial cells resist influenza A infection by inducing the expression of cytochrome c oxidase VIc which is modulated by miRNA 4276. Virology, 2014, 468-470, 256-264.	1.1	38
48	A Murine Inhalation Model to Characterize Pulmonary Exposure to Dry Aspergillus fumigatus Conidia. PLoS ONE, 2014, 9, e109855.	1.1	23
49	ICAM1 regulates influenza A survival in lung epithelial cells during the early stages of infection (796.5). FASEB Journal, 2014, 28, 796.5.	0.2	0
50	Expression of non-structural-1A binding protein in lung epithelial cells is modulated by miRNA-548an on exposure to influenza A virus. Virology, 2013, 447, 84-94.	1.1	28
51	Development of sandwich ELISAs for the detection of aromatic diisocyanate adducts. Journal of Immunological Methods, 2013, 397, 66-70.	0.6	5
52	Characterization of Cannabis sativa allergens. Annals of Allergy, Asthma and Immunology, 2013, 111, 32-37.e4.	0.5	70
53	Fungal hemolysins. Medical Mycology, 2013, 51, 1-16.	0.3	62
54	Aspergillus Collagen-Like Genes (acl): Identification, Sequence Polymorphism, and Assessment for PCR-Based Pathogen Detection. Applied and Environmental Microbiology, 2013, 79, 7882-7895.	1.4	12

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55	Fluâ€like illness among workers at a soy processing plant. American Journal of Industrial Medicine, 2013, 56, 520-521.	1.0	1
56	A Cough Aerosol Simulator for the Study of Disease Transmission by Human Cough-Generated Aerosols. Aerosol Science and Technology, 2013, 47, 937-944.	1.5	110
57	High Humidity Leads to Loss of Infectious Influenza Virus from Simulated Coughs. PLoS ONE, 2013, 8, e57485.	1.1	130
58	Detection of Infectious Influenza Virus in Cough Aerosols Generated in a Simulated Patient Examination Room. Clinical Infectious Diseases, 2012, 54, 1569-1577.	2.9	153
59	Quantity and Size Distribution of Cough-Generated Aerosol Particles Produced by Influenza Patients During and After Illness. Journal of Occupational and Environmental Hygiene, 2012, 9, 443-449.	0.4	258
60	Development of monoclonal antibodies to recombinant terrelysin and characterization of expression in Aspergillus terreus. Journal of Medical Microbiology, 2012, 61, 489-499.	0.7	11
61	Semi-quantitative analysis of influenza samples using the Luminex xTAG^{Â®}respiratory viral panel kit. Toxicology Mechanisms and Methods, 2012, 22, 211-217.	1.3	6
62	Hypersensitivity reactions to marijuana. Annals of Allergy, Asthma and Immunology, 2012, 108, 282-284.	0.5	48
63	Fungal and atopic sensitization are low among farmers in the Agricultural Health Study. Journal of Allergy and Clinical Immunology, 2012, 130, 267-270.e1.	1.5	3
64	Immunologic, spectrophotometric and nucleic acid based methods for the detection and quantification of airborne pollen. Journal of Immunological Methods, 2012, 383, 47-53.	0.6	27
65	Comparison of DNA extraction methodologies used for assessing fungal diversity via ITS sequencing. Journal of Environmental Monitoring, 2012, 14, 766.	2.1	34
66	Development of an improved methodology to detect infectious airborne influenza virus using the NIOSH bioaerosol sampler. Journal of Environmental Monitoring, 2011, 13, 3321.	2.1	66
67	Production and Characterization of IgM Monoclonal Antibodies Against Hyphal Antigens ofStachybotrysSpecies. Hybridoma, 2011, 30, 29-36.	0.5	6
68	Discrimination of Fungi by MALDI-TOF Mass Spectrometry. ACS Symposium Series, 2011, , 35-50.	0.5	5
69	Occupational Allergies. Journal of Allergy, 2011, 2011, 1-2.	0.7	1
70	Role of Germination in Murine Airway CD8+ T-Cell Responses to Aspergillus Conidia. PLoS ONE, 2011, 6, e18777.	1.1	26
71	Occupational sensitization to soy allergens in workers at a processing facility. Clinical and Experimental Allergy, 2011, 41, 1022-1030.	1.4	25
72	Production, characterization and utility of a panel of monoclonal antibodies for the detection of toluene diisocyanate haptenated proteins. Journal of Immunological Methods, 2011, 373, 127-135.	0.6	13

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73	Enhanced detection of infectious airborne influenza virus. Journal of Virological Methods, 2011, 176, 120-124.	1.0	34
74	Lipopolysaccharide increases Na+,K+-pump, but not ENaC, expression in guinea-pig airway epithelium. European Journal of Pharmacology, 2011, 651, 176-186.	1.7	6
75	Characterization of Recombinant Terrelysin, a Hemolysin of Aspergillus terreus. Mycopathologia, 2011, 171, 23-34.	1.3	20
76	Fungal pigments inhibit the matrix-assisted laser desorption/ionization time-of-flight mass spectrometry analysis of darkly pigmented fungi. Analytical Biochemistry, 2011, 411, 122-128.	1.1	64
77	Monoclonal Antibodies to Hyphal Exoantigens Derived from the Opportunistic Pathogen Aspergillus terreus. Vaccine Journal, 2011, 18, 1568-1576.	3.2	23
78	Allergen Content of Patient Problem and Nonproblem Gloves: Relationship to Allergen-Specific Patch-Test Findings. Dermatitis, 2010, 21, 77-83.	0.8	11
79	Measurements of Airborne Influenza Virus in Aerosol Particles from Human Coughs. PLoS ONE, 2010, 5, e15100.	1.1	350
80	Murine models of airway fungal exposure and allergic sensitization. Medical Mycology, 2010, 48, 217-228.	0.3	20
81	Distribution of Airborne Influenza Virus and Respiratory Syncytial Virus in an Urgent Care Medical Clinic. Clinical Infectious Diseases, 2010, 50, 100125140412054-000.	2.9	163
82	Monoclonal Antibodies Against Toluene Diisocyanate Haptenated Proteins from Vapor-Exposed Mice. Hybridoma, 2010, 29, 221-229.	0.5	12
83	Measurement of Airborne Influenza Virus in a Hospital Emergency Department. Clinical Infectious Diseases, 2009, 48, 438-440.	2.9	296
84	Increased cell proliferation in spleen and lymph nodes peripheral to contact allergen application site. Toxicology, 2009, 257, 113-116.	2.0	5
85	Surveillance of fungal allergic sensitization using the fluorescent halogen immunoassay. Journal De Mycologie Medicale, 2009, 19, 253-261.	0.7	19
86	LATEX AS A SIGNIFICANT SOURCE OF HEVEA BRASILIENSIS ALLERGEN EXPOSURE. Annals of Allergy, Asthma and Immunology, 2009, 103, 354-355.	0.5	7
87	Discrimination of Penicillium isolates by matrixâ€assisted laser desorption/ionization timeâ€ofâ€flight mass spectrometry fingerprinting. Rapid Communications in Mass Spectrometry, 2008, 22, 2555-2560.	0.7	80
88	Discrimination of Aspergillus isolates at the species and strain level by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry fingerprinting. Analytical Biochemistry, 2008, 380, 276-281.	1.1	113
89	Analytical bias of cross-reactive polyclonal antibodies for environmental immunoassays of Alternaria alternata. Journal of Allergy and Clinical Immunology, 2008, 121, 763-768.	1.5	30
90	Pt2L4 Protein, a Homologue to Hev b 5 from Rubber Tree, May Not Be Responsible for the Cross-Reactions to Cassava Show by People Allergic to Latex. Protein and Peptide Letters, 2008, 15, 900-902.	0.4	3

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91	Prevalence of allergic sensitization to indoor fungi in West Virginia. Allergy and Asthma Proceedings, 2008, 29, 29-34.	1.0	38
92	Bioaerosol sampling for the detection of aerosolized influenza virus. Influenza and Other Respiratory Viruses, 2007, 1, 113-120.	1.5	44
93	Airborne fungal fragments and allergenicity. Medical Mycology, 2006, 44, 245-255.	0.3	166
94	Dual fluorescent halogen immunoassay for bioaerosols using confocal microscopy. Analytical Biochemistry, 2006, 354, 151-153.	1.1	13
95	Characterization of nigerlysin Â©, hemolysin produced by Aspergillus niger, and effect on mouse neuronal cells in vitro. Toxicology, 2006, 219, 150-155.	2.0	14
96	The development of species-specific immunodiagnostics for Stachybotrys chartarum: The role of cross-reactivity. Journal of Immunological Methods, 2006, 309, 150-159.	0.6	31
97	Methodologic issues concerning Stachyhemolysin and Stachyrase-A as clinical biomarkers. Medical Science Monitor, 2005, 11, LE7-8.	0.5	2
98	The Latex Allergen Hev b 5 Is an Antigen with Repetitive Murine B-Cell Epitopes. International Archives of Allergy and Immunology, 2004, 134, 334-340.	0.9	9
99	The hevein domain of the major latex-glove allergen Hev b 6.01 contains dominant T cell reactive sites. Clinical and Experimental Allergy, 2004, 34, 611-618.	1.4	23
100	Lipid transfer protein from Hevea brasiliensis (Hev b 12), a cross-reactive latex protein. Annals of Allergy, Asthma and Immunology, 2003, 90, 439-445.	0.5	51
101	ELISA INHIBITION ASSAY FOR THE QUANTITATION OF ANTIGENIC PROTEIN IN NATURAL RUBBER LATEX. Journal of Immunoassay and Immunochemistry, 2002, 23, 261-278.	0.5	4
102	Natural rubber latex allergy after 12 years: Recommendations and perspectives. Journal of Allergy and Clinical Immunology, 2002, 109, 31-34.	1.5	106
103	Allergens and natural rubber proteins. Journal of Allergy and Clinical Immunology, 2002, 110, S33-S39.	1.5	83
104	Latex allergy: historical perspective. Methods, 2002, 27, 3-9.	1.9	32
105	Measurement of latex proteins and assessment of latex protein exposure. Methods, 2002, 27, 46-51.	1.9	14
106	Latex allergy: past and present. International Immunopharmacology, 2002, 2, 225-238.	1.7	42
107	Hair glue anaphylaxis: a hidden latex allergy. Annals of Allergy, Asthma and Immunology, 2002, 88, 61-63.	0.5	29
108	Mutational analysis of the IgE epitopes in the latex allergen Hev b 5. Journal of Allergy and Clinical Immunology, 2001, 107, 1069-1076.	1.5	52

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109	Hev b 8, the Hevea brasiliensis Latex Profilin, Is a Cross-Reactive Allergen of Latex, Plant Foods and Pollen. International Archives of Allergy and Immunology, 2001, 125, 216-227.	0.9	93
110	Detection of immunoglobulin antibodies in the sera of patients using purified latex allergens. Clinical and Experimental Allergy, 2000, 30, 359-369.	1.4	57
111	Latex Protein: A Hidden "Food" Allergen?. Allergy and Asthma Proceedings, 2000, 21, 301-306.	1.0	23
112	Skin Prick Test Reactivity to Recombinant Latex Allergens. International Archives of Allergy and Immunology, 2000, 121, 292-299.	0.9	79
113	Purified and Recombinant Latex Proteins Stimulate Peripheral Blood Lymphocytes of Latex Allergic Patients. International Archives of Allergy and Immunology, 1999, 120, 270-279.	0.9	27
114	Molecular and immunologic characterization of new isoforms of the Hevea brasiliensis latex allergen Hev b 7: Evidence of no cross-reactivity between Hev b 7 isoforms and potato patatin and proteins from avocado and bananaâ˜†â˜†â˜†.... Journal of Allergy and Clinical Immunology, 1999, 104, 1302-1310.	1.5	29
115	Human IgE-binding epitopes of the latex allergen Hev b 5. Journal of Allergy and Clinical Immunology, 1999, 103, 1166-1172.	1.5	57
116	Cloning and characterization of a latex allergen (Hev b7): homology to patatin, a plant PLA2. Clinical and Experimental Immunology, 1998, 112, 355-362.	1.1	60
117	Postdialysis fatigue: Lack of effect of a biocompatible membrane. American Journal of Kidney Diseases, 1998, 31, 1007-1010.	2.1	35
118	Incidence of latex sensitization among latex glove usersâ˜†â˜†â˜†â˜…â˜….... Journal of Allergy and Clinical Immunology, 1998, 101, 171-178.	1.5	114
119	Latex Allergy in Operating Room Nurses. Annals of Allergy, Asthma and Immunology, 1998, 80, 252-256.	0.5	40
120	Latex allergy: epidemiological study of 1351 hospital workers.. Occupational and Environmental Medicine, 1997, 54, 335-342.	1.3	214
121	Endotoxin: a Role in Latex Allergy?. Annals of Allergy, Asthma and Immunology, 1997, 79, 277-280.	0.5	8
122	IgE epitope analysis of the hevein preprotein; a major latex allergen. Clinical and Experimental Immunology, 1997, 108, 114-121.	1.1	70
123	Latex allergen levels of injectable collagen stored in syringes with rubber plungers. Urology, 1996, 47, 898-902.	0.5	11
124	Correlation of protein levels with skin prick test reactions in patients allergic to latexâ˜†â˜†â˜†â˜…â˜….... Journal of Allergy and Clinical Immunology, 1996, 98, 1097-1102.	1.5	38
125	Measurement of Natural Rubber Proteins in Latex Glove Extracts: Comparison of the Methods. Annals of Allergy, Asthma and Immunology, 1996, 76, 520-526.	0.5	21
126	Safe Use of Natural Rubber Latex. Allergy and Asthma Proceedings, 1996, 17, 101-102.	1.0	1

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127	The Transfer of Protein Allergens From Latex Gloves: A STUDY OF INFLUENCING FACTORS. AORN Journal, 1994, 59, 605-613.	0.2	44
128	Fibronectin cell-binding domain triggered transmembrane signal transduction in human monocytes. Journal of Leukocyte Biology, 1993, 53, 79-85.	1.5	31
129	Surgical Glove Powders Bind Latex Antigens. Archives of Surgery, 1992, 127, 1354.	2.3	137
130	Fibronectin fragments stimulate tumor necrosis factor secretion by human monocytes. Journal of Leukocyte Biology, 1992, 51, 59-64.	1.5	66
131	Endotoxin Enhancement of Toxic Shock Syndrome Toxin I-Induced Secretion of Interleukin 1 by Murine Macrophages. Clinical Infectious Diseases, 1989, 11, S289-S293.	2.9	12
132	Modulation of Macrophage Fibronectin Secretion by LPS. Journal of Leukocyte Biology, 1989, 45, 515-522.	1.5	14
133	Stimulation of Rat Macrophage Interleukin 1 Secretion by Plasma Fibronectin. Immunological Investigations, 1987, 16, 437-449.	1.0	28
134	Lymphocyte requirement for the functional development of follicle-associated epithelium. Developmental and Comparative Immunology, 1985, 9, 351-359.	1.0	7
135	THE ROLE OF EPITHELIAL CELLS IN GUT-ASSOCIATED IMMUNE REACTIVITY. Annals of the New York Academy of Sciences, 1983, 409, 129-144.	1.8	62
136	The influence of embryonic testosterone treatment on bursal epithelial pinocytotic activity. Developmental and Comparative Immunology, 1982, 6, 121-130.	1.0	7