

Andrij Holian

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157 papers	5,393 citations	44 h-index	67 g-index
165 ext. papers	6,071 ext. citations	4.6 avg, IF	5.69 L-index

#	Paper	IF	Citations
157	Nanoparticle-Induced Airway Eosinophilia Is Independent of ILC2 Signaling but Associated With Sex Differences in Macrophage Phenotype Development. <i>Journal of Immunology</i> , 2021 ,	5.3	1
156	Hyperspectral microscopy of subcutaneously released silver nanoparticles reveals sex differences in drug distribution.. <i>Micron</i> , 2021 , 153, 103193	2.3	
155	Dietary Docosahexaenoic Acid as a Potential Treatment for Semi-acute and Chronic Particle-Induced Pulmonary Inflammation in Balb/c Mice. <i>Inflammation</i> , 2021 , 1	5.1	0
154	A contemporary review of electronic waste through the lens of inhalation toxicology. <i>Inhalation Toxicology</i> , 2021 , 33, 285-294	2.7	
153	Respiratory and systemic impacts following MWCNT inhalation in B6C3F1/N mice. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 16	8.4	6
152	Docosahexaenoic acid impacts macrophage phenotype subsets and phagolysosomal membrane permeability with particle exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021 , 84, 152-172	3.2	3
151	The role of lysosomal ion channels in lysosome dysfunction. <i>Inhalation Toxicology</i> , 2021 , 33, 41-54	2.7	2
150	Contribution of Particle-Induced Lysosomal Membrane Hyperpolarization to Lysosomal Membrane Permeabilization. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
149	Therapeutic treatment of dietary docosahexaenoic acid for particle-induced pulmonary inflammation in Balb/c mice. <i>Inflammation Research</i> , 2021 , 70, 359-373	7.2	0
148	Macrophage fusion caused by particle instillation. <i>Current Research in Toxicology</i> , 2020 , 1, 42-47	2.7	3
147	Mouse pulmonary dose- and time course-responses induced by exposure to nitrogen-doped multi-walled carbon nanotubes. <i>Inhalation Toxicology</i> , 2020 , 32, 24-38	2.7	4
146	Translocation, Biodistribution, and Fate of Nanomaterials in the Body. <i>Molecular and Integrative Toxicology</i> , 2020 , 99-125	0.5	
145	The role of sex in particle-induced inflammation and injury. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1589	9.2	9
144	Dietary Postbiotics Reduced Cytotoxicity and IL-1 Cytokine Release Induced by Crystalline Silica in Lipopolysaccharide-Primed Macrophages. <i>Current Developments in Nutrition</i> , 2020 , 4, 1520-1520	0.4	78
143	Multinucleated giant cell phenotype in response to stimulation. <i>Immunobiology</i> , 2020 , 225, 151952	3.4	4
142	Electrospun fibers loaded with ball-milled poly(n-isopropylacrylamide) microgel particles for smart delivery applications. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49786	2.9	7
141	CoreShell Electrospun Fibers with an Improved Open Pore Structure for Size-Controlled Delivery of Nanoparticles. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 4004-4015	4.3	8

140	Effects of titanium dioxide and zinc oxide nano-materials on lipid order in model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020 , 1862, 1833-1843	3.8	4
139	Determination of the relative contribution of the non-dissolved fraction of ZnO NP on membrane permeability and cytotoxicity. <i>Inhalation Toxicology</i> , 2020 , 32, 86-95	2.7	7
138	Prevention of crystalline silica-induced inflammation by the anti-malarial hydroxychloroquine. <i>Inhalation Toxicology</i> , 2019 , 31, 274-284	2.7	9
137	Sex differences in the inflammatory immune response to multi-walled carbon nanotubes and crystalline silica. <i>Inhalation Toxicology</i> , 2019 , 31, 285-297	2.7	11
136	Lung deposition patterns of MWCNT vary with degree of carboxylation. <i>Nanotoxicology</i> , 2019 , 13, 143-159	2.9	5
135	Using Time-Resolved Fluorescence Anisotropy of di-4-ANEPPDHQ and F2N12S to Analyze Lipid Packing Dynamics in Model Systems. <i>Journal of Fluorescence</i> , 2019 , 29, 347-352	2.4	1
134	Mapping of Dynamic Transcriptome Changes Associated With Silica-Triggered Autoimmune Pathogenesis in the Lupus-Prone NZBWF1 Mouse. <i>Frontiers in Immunology</i> , 2019 , 10, 632	8.4	12
133	Multiwalled Carbon Nanotubes of Varying Size Lead to DNA Methylation Changes That Correspond to Lung Inflammation and Injury in a Mouse Model. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1545-1553	4	6
132	Docosahexaenoic Acid Suppresses Silica-Induced Inflammasome Activation and IL-1 Cytokine Release by Interfering With Priming Signal. <i>Frontiers in Immunology</i> , 2019 , 10, 2130	8.4	13
131	Factors influencing multinucleated giant cell formation in vitro. <i>Immunobiology</i> , 2019 , 224, 834-842	3.4	9
130	Docosahexaenoic Acid Consumption Impedes Early Interferon- and Chemokine-Related Gene Expression While Suppressing Silica-Triggered Flaring of Murine Lupus. <i>Frontiers in Immunology</i> , 2019 , 10, 2851	8.4	12
129	Length, but Not Reactive Edges, of Cup-stack MWCNT Is Responsible for Toxicity and Acute Lung Inflammation. <i>Toxicologic Pathology</i> , 2018 , 46, 62-74	2.1	11
128	Multi-Walled Carbon Nanotubes Augment Allergic Airway Eosinophilic Inflammation by Promoting Cysteinyl Leukotriene Production. <i>Frontiers in Pharmacology</i> , 2018 , 9, 585	5.6	9
127	The Effects of Varying Degree of MWCNT Carboxylation on Bioactivity in Various In Vivo and In Vitro Exposure Models. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	18
126	Effect of Carbon Nanotube-Metal Hybrid Particle Exposure to Freshwater Algae <i>Chlamydomonas reinhardtii</i> . <i>Scientific Reports</i> , 2018 , 8, 15301	4.9	16
125	Modification of nano-silver bioactivity by adsorption on carbon nanotubes and graphene oxide. <i>Inhalation Toxicology</i> , 2018 , 30, 429-438	2.7	5
124	Dietary Docosahexaenoic Acid Prevents Silica-Induced Development of Pulmonary Ectopic Germinal Centers and Glomerulonephritis in the Lupus-Prone NZBWF1 Mouse. <i>Frontiers in Immunology</i> , 2018 , 9, 2002	8.4	28
123	Phagolysosome acidification is required for silica and engineered nanoparticle-induced lysosome membrane permeabilization and resultant NLRP3 inflammasome activity. <i>Toxicology and Applied Pharmacology</i> , 2017 , 318, 58-68	4.6	48

122	Lung bioactivity of vapor grown carbon nanofibers. <i>NanoImpact</i> , 2017 , 6, 1-10	5.6	4
121	Prenatal environmental tobacco smoke exposure increases allergic asthma risk with methylation changes in mice. <i>Environmental and Molecular Mutagenesis</i> , 2017 , 58, 423-433	3.2	27
120	Imipramine blocks acute silicosis in a mouse model. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 36	8.4	20
119	Perinatal exposure to environmental tobacco smoke is associated with changes in DNA methylation that precede the adult onset of lung disease in a mouse model. <i>Inhalation Toxicology</i> , 2017 , 29, 435-442	2.7	15
118	Engineered nanomaterial-induced lysosomal membrane permeabilization and anti-cathepsin agents. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 230-248	8.6	18
117	Effects of nickel-oxide nanoparticle pre-exposure dispersion status on bioactivity in the mouse lung. <i>Nanotoxicology</i> , 2016 , 10, 151-61	5.3	25
116	Alterations in DNA methylation corresponding with lung inflammation and as a biomarker for disease development after MWCNT exposure. <i>Nanotoxicology</i> , 2016 , 10, 453-61	5.3	48
115	Approaching a Unified Theory for Particle-Induced Inflammation. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2016 , 51-76	0.3	10
114	Alterations in DNA Methylation Correlate with a Th17 Driven Immune Response in the Lung Due to Multi-Walled Carbon Nanotube Exposure. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 8787-8795	1.3	3
113	Silica-Triggered Autoimmunity in Lupus-Prone Mice Blocked by Docosahexaenoic Acid Consumption. <i>PLoS ONE</i> , 2016 , 11, e0160622	3.7	22
112	The Clean Air and Healthy Homes Program: A Model for Authentic Science Learning 2016 , 8, 13-19		
111	Role of engineered metal oxide nanoparticle agglomeration in reactive oxygen species generation and cathepsin B release in NLRP3 inflammasome activation and pulmonary toxicity. <i>Inhalation Toxicology</i> , 2016 , 28, 686-697	2.7	25
110	Early life exposure to environmental tobacco smoke alters immune response to asbestos via a shift in inflammatory phenotype resulting in increased disease development. <i>Inhalation Toxicology</i> , 2016 , 28, 349-56	2.7	12
109	Air Toxics Under the Big Sky: Examining the Effectiveness of Authentic Scientific Research on High School Students Science Skills and Interest. <i>International Journal of Science Education</i> , 2016 , 38, 905-921	2.2	6
108	Autophagy deficiency in macrophages enhances NLRP3 inflammasome activity and chronic lung disease following silica exposure. <i>Toxicology and Applied Pharmacology</i> , 2016 , 309, 101-10	4.6	47
107	Alterations in DNA methylation and airway hyperreactivity in response to in utero exposure to environmental tobacco smoke. <i>Inhalation Toxicology</i> , 2015 , 27, 724-30	2.7	26
106	Extracellular HMGB1 regulates multi-walled carbon nanotube-induced inflammation in vivo. <i>Nanotoxicology</i> , 2015 , 9, 365-72	5.3	36
105	Silica Triggers Inflammation and Ectopic Lymphoid Neogenesis in the Lungs in Parallel with Accelerated Onset of Systemic Autoimmunity and Glomerulonephritis in the Lupus-Prone NZBWF1 Mouse. <i>PLoS ONE</i> , 2015 , 10, e0125481	3.7	43

104	Oxidation debris in microwave functionalized carbon nanotubes: Chemical and biological effects. <i>Carbon</i> , 2014 , 68, 678-686	10.4	23
103	Three human cell types respond to multi-walled carbon nanotubes and titanium dioxide nanobelts with cell-specific transcriptomic and proteomic expression patterns. <i>Nanotoxicology</i> , 2014 , 8, 533-48	5.3	48
102	IL-1R signalling is critical for regulation of multi-walled carbon nanotubes-induced acute lung inflammation in C57BL/6 mice. <i>Nanotoxicology</i> , 2014 , 8, 17-27	5.3	42
101	Synthesis, characterization, and bioactivity of carboxylic acid-functionalized titanium dioxide nanobelts. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 43	8.4	34
100	The effect of size on Ag nanosphere toxicity in macrophage cell models and lung epithelial cell lines is dependent on particle dissolution. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 6815-30	6.3	63
99	Role of lysosomes in silica-induced inflammasome activation and inflammation in absence of MARCO. <i>Journal of Immunology Research</i> , 2014 , 2014, 304180	4.5	27
98	Effect of multi-walled carbon nanotube surface modification on bioactivity in the C57BL/6 mouse model. <i>Nanotoxicology</i> , 2014 , 8, 317-27	5.3	83
97	Effect of MWCNT size, carboxylation, and purification on in vitro and in vivo toxicity, inflammation and lung pathology. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 57	8.4	119
96	Purification and sidewall functionalization of multiwalled carbon nanotubes and resulting bioactivity in two macrophage models. <i>Inhalation Toxicology</i> , 2013 , 25, 199-210	2.7	56
95	IL-33 mediates multi-walled carbon nanotube (MWCNT)-induced airway hyper-reactivity via the mobilization of innate helper cells in the lung. <i>Nanotoxicology</i> , 2013 , 7, 1070-81	5.3	64
94	Differential mouse pulmonary dose and time course responses to titanium dioxide nanospheres and nanobelts. <i>Toxicological Sciences</i> , 2013 , 131, 179-93	4.4	56
93	Nickel contamination on MWCNT is related to particle bioactivity but not toxicity in the THP-1 transformed macrophage model. <i>International Journal of Biomedical Nanoscience and Nanotechnology</i> , 2013 , 3, 107	0.2	6
92	Interlaboratory evaluation of in vitro cytotoxicity and inflammatory responses to engineered nanomaterials: the NIEHS Nano GO Consortium. <i>Environmental Health Perspectives</i> , 2013 , 121, 683-90	8.4	151
91	NLRP3 inflammasome activation in murine alveolar macrophages and related lung pathology is associated with MWCNT nickel contamination. <i>Inhalation Toxicology</i> , 2012 , 24, 995-1008	2.7	87
90	Evolution of the Air Toxics Under the Big Sky Program. <i>Journal of Chemical Education</i> , 2011 , 88, 397-401	2.4	4
89	Potential role of the inflammasome-derived inflammatory cytokines in pulmonary fibrosis. <i>Pulmonary Medicine</i> , 2011 , 2011, 105707	5.3	23
88	Nonpulmonary outcomes of asbestos exposure. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2011 , 14, 122-52	8.6	41
87	The Power of the Symposium: Impacts from Students' Perspectives. <i>Rural Educator</i> , 2011 , 32, 22-28	1	1

86	Innate immune processes are sufficient for driving silicosis in mice. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 547-57	6.5	66
85	Conference summary: International Biomass Smoke Health Effects (IBSHE). <i>Inhalation Toxicology</i> , 2010 , 22, 91-3	2.7	
84	Asymmetric dimethylarginine potentiates lung inflammation in a mouse model of allergic asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 299, L816-25	5.8	39
83	Role of the serotonergic system in reduced pulmonary function after exposure to methamphetamine. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 537-44	5.7	11
82	Murine pulmonary inflammation model: a comparative study of anesthesia and instillation methods. <i>Inhalation Toxicology</i> , 2010 , 22, 77-83	2.7	26
81	COPD is associated with a macrophage scavenger receptor-1 gene sequence variation. <i>Chest</i> , 2010 , 137, 1098-107	5.3	27
80	Modified low density lipoproteins binding requires a lysine cluster region in the murine macrophage scavenger receptor class A type II. <i>Molecular Biology Reports</i> , 2010 , 37, 2847-52	2.8	4
79	Differential binding of inorganic particles to MARCO. <i>Toxicological Sciences</i> , 2009 , 107, 238-46	4.4	57
78	Critical role of MARCO in crystalline silica-induced pulmonary inflammation. <i>Toxicological Sciences</i> , 2009 , 108, 462-71	4.4	74
77	Elevated asymmetric dimethylarginine alters lung function and induces collagen deposition in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 179-88	5.7	65
76	Particle length-dependent titanium dioxide nanomaterials toxicity and bioactivity. <i>Particle and Fibre Toxicology</i> , 2009 , 6, 35	8.4	258
75	Silica binding and toxicity in alveolar macrophages. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 1246-58	7.8	250
74	Role of scavenger receptor a family in lung inflammation from exposure to environmental particles. <i>Journal of Immunotoxicology</i> , 2008 , 5, 151-7	3.1	45
73	Silica suppresses Toll-like receptor ligand-induced dendritic cell activation. <i>FASEB Journal</i> , 2008 , 22, 2053-63	3.9	21
72	The IL-4Ralpha pathway in macrophages and its potential role in silica-induced pulmonary fibrosis. <i>Journal of Leukocyte Biology</i> , 2008 , 83, 630-9	6.5	48
71	Toxicity of lunar and martian dust simulants to alveolar macrophages isolated from human volunteers. <i>Inhalation Toxicology</i> , 2008 , 20, 157-65	2.7	23
70	Acute inhalation exposure to vaporized methamphetamine causes lung injury in mice. <i>Inhalation Toxicology</i> , 2008 , 20, 829-38	2.7	24
69	The Big Sky Model: A Regional Collaboration for Participatory Research on Environmental Health in the Rural West 2008 , 12, 103-115		4

68	Engineered carbon nanoparticles alter macrophage immune function and initiate airway hyper-responsiveness in the BALB/c mouse model. <i>Nanotoxicology</i> , 2007 , 1, 104-117	5.3	19
67	A comparison of dispersing media for various engineered carbon nanoparticles. <i>Particle and Fibre Toxicology</i> , 2007 , 4, 6	8.4	83
66	Silica-directed mast cell activation is enhanced by scavenger receptors. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 36, 43-52	5.7	81
65	Antigen-presenting cell population dynamics during murine silicosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 37, 729-38	5.7	31
64	Asymmetric dimethylarginine induces oxidative and nitrosative stress in murine lung epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 36, 520-8	5.7	116
63	Trees as reservoirs for amphibole fibers in Libby, Montana. <i>Science of the Total Environment</i> , 2006 , 367, 460-5	10.2	12
62	Patterns of asthma symptoms and perceptions of harm from seasonal atmospheric events in rural Western Montana. <i>International Journal of Occupational and Environmental Health</i> , 2006 , 12, 52-8		3
61	MARCO mediates silica uptake and toxicity in alveolar macrophages from C57BL/6 mice. <i>Journal of Biological Chemistry</i> , 2006 , 281, 34218-26	5.4	115
60	Silica, apoptosis, and autoimmunity. <i>Journal of Immunotoxicology</i> , 2005 , 1, 177-87	3.1	46
59	Increase in a distinct pulmonary macrophage subset possessing an antigen-presenting cell phenotype and in vitro APC activity following silica exposure. <i>Toxicology and Applied Pharmacology</i> , 2005 , 205, 168-76	4.6	34
58	Scavenger receptor class A type I/II (CD204) null mice fail to develop fibrosis following silica exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005 , 289, L186-95	5.8	64
57	Effects of rottlerin on silica-exacerbated systemic autoimmune disease in New Zealand mixed mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005 , 289, L990-8	5.8	27
56	Air pollution particulate SRM 1648 causes oxidative stress in RAW 264.7 macrophages leading to production of prostaglandin E2, a potential Th2 mediator. <i>Inhalation Toxicology</i> , 2005 , 17, 871-7	2.7	23
55	Airway responsiveness after acute exposure to urban particulate matter 1648 in a DO11.10 murine model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 286, L337-43	5.8	15
54	Immunoglobulin and lymphocyte responses following silica exposure in New Zealand mixed mice. <i>Inhalation Toxicology</i> , 2004 , 16, 133-9	2.7	70
53	A comparison of murine and human alveolar macrophage responses to urban particulate matter. <i>Inhalation Toxicology</i> , 2004 , 16, 69-76	2.7	14
52	Particulate matter immunomodulatory effects on autoantibody development in New Zealand mixed mice. <i>Journal of Immunotoxicology</i> , 2004 , 1, 95-102	3.1	2
51	Silica-exposed mice generate autoantibodies to apoptotic cells. <i>Toxicology</i> , 2004 , 195, 167-76	4.4	69

50	A comparison of asbestos and urban particulate matter in the in vitro modification of human alveolar macrophage antigen-presenting cell function. <i>Experimental Lung Research</i> , 2004 , 30, 147-62	2.3	30
49	Surface Components of Airborne Particulate Matter Induce Macrophage Apoptosis through Scavenger Receptors. <i>Toxicology and Applied Pharmacology</i> , 2002 , 184, 98-106	4.6	55
48	Pulmonary toxicity of simulated lunar and Martian dusts in mice: II. Biomarkers of acute responses after intratracheal instillation. <i>Inhalation Toxicology</i> , 2002 , 14, 917-28	2.7	32
47	Surface components of airborne particulate matter induce macrophage apoptosis through scavenger receptors. <i>Toxicology and Applied Pharmacology</i> , 2002 , 184, 98-106	4.6	22
46	Cell surface regulation of silica-induced apoptosis by the SR-A scavenger receptor in a murine lung macrophage cell line (MH-S). <i>Toxicology and Applied Pharmacology</i> , 2001 , 174, 10-6	4.6	44
45	Silica and PM1648 Modify Human Alveolar Macrophage Antigen-Presenting Cell Activity In Vitro. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2001 , 20, 10	2.1	6
44	Class A type II scavenger receptor mediates silica-induced apoptosis in Chinese hamster ovary cell line. <i>Toxicology and Applied Pharmacology</i> , 2000 , 162, 100-6	4.6	27
43	Nitric oxide-dependent activation of p53 suppresses bleomycin-induced apoptosis in the lung. <i>Journal of Experimental Medicine</i> , 2000 , 192, 857-69	16.6	62
42	Detection of 4-hydroxy-2-nonenol adducts following lipid peroxidation from ozone exposure. <i>Methods in Enzymology</i> , 2000 , 319, 562-70	1.7	9
41	Effect of acrolein on human alveolar macrophage NF-kappaB activity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 277, L550-7	5.8	26
40	Early lead exposure affects auditory temporal processing in chicks. <i>Journal of Environmental Medicine</i> , 1999 , 1, 87-93		4
39	Expression of TNF and the necessity of TNF receptors in bleomycin-induced lung injury in mice. <i>Experimental Lung Research</i> , 1998 , 24, 721-43	2.3	149
38	Potential involvement of 4-hydroxynonenal in the response of human lung cells to ozone. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998 , 274, L8-16	5.8	20
37	4-Hydroxynonenal inhibits interleukin-1 beta converting enzyme. <i>Journal of Interferon and Cytokine Research</i> , 1997 , 17, 205-10	3.5	20
36	Asbestos and Silica-Induced Changes in Human Alveolar Macrophage Phenotype. <i>Environmental Health Perspectives</i> , 1997 , 105, 1139	8.4	10
35	Involvement of the ICE family of proteases in silica-induced apoptosis in human alveolar macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1997 , 273, L760-7	5.8	22
34	Acrolein-induced cell death in human alveolar macrophages. <i>Toxicology and Applied Pharmacology</i> , 1997 , 145, 331-9	4.6	75
33	Silica-induced apoptosis mediated via scavenger receptor in human alveolar macrophages. <i>Toxicology and Applied Pharmacology</i> , 1996 , 141, 84-92	4.6	140

32	4-Hydroxynonenal-induced cell death in murine alveolar macrophages. <i>Toxicology and Applied Pharmacology</i> , 1996 , 139, 135-43	4.6	70
31	4-hydroxy-2-nonenal-protein adducts and apoptosis in murine lung cells after acute ozone exposure. <i>Toxicology and Applied Pharmacology</i> , 1996 , 141, 416-24	4.6	72
30	Mechanisms Associated with Human Alveolar Macrophage Stimulation by Particulates. <i>Environmental Health Perspectives</i> , 1994 , 102, 69	8.4	20
29	Human alveolar macrophage cytokine release in response to in vitro and in vivo asbestos exposure. <i>Experimental Lung Research</i> , 1993 , 19, 55-65	2.3	66
28	Ozone-induced increases in substance P and 8-epi-prostaglandin F2 alpha in the airways of human subjects. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993 , 9, 568-72	5.7	103
27	The in vivo effects of rhIL-1 alpha therapy on human monocyte activity. <i>Journal of Leukocyte Biology</i> , 1993 , 54, 314-21	6.5	5
26	The in vivo effects of PIXY321 therapy on human monocyte activity. <i>Journal of Leukocyte Biology</i> , 1993 , 53, 640-50	6.5	3
25	Effects of continuous high dose rhGM-CSF infusion on human monocyte activity. <i>American Journal of Hematology</i> , 1993 , 43, 279-85	7.1	19
24	Lung lining fluid modification of asbestos bioactivity for the alveolar macrophage. <i>Toxicology and Applied Pharmacology</i> , 1991 , 110, 283-94	4.6	15
23	Immunologic aspects of pneumoconiosis. <i>Experimental Lung Research</i> , 1991 , 17, 661-85	2.3	18
22	In vitro bioactivity of asbestos for the human alveolar macrophage and its modification by IgG. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1991 , 4, 532-7	5.7	24
21	Modification of asbestos bioactivity for the alveolar macrophage by selective protein adsorption. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1990 , 2, 441-8	5.7	20
20	Role of extracellular calcium in chrysotile asbestos stimulation of alveolar macrophages. <i>Toxicology and Applied Pharmacology</i> , 1990 , 104, 130-8	4.6	19
19	Possible mechanism of chrysotile asbestos-stimulated superoxide anion production in guinea pig alveolar macrophages. <i>Toxicology and Applied Pharmacology</i> , 1989 , 100, 132-44	4.6	53
18	IgG specifically enhances chrysotile asbestos-stimulated superoxide anion production by the alveolar macrophage. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1989 , 1, 313-8	5.7	26
17	Superoxide Anion Production Induced by Chrysotile Asbestos in the Guinea Pig Alveolar Macrophage 1989 , 223-229		1
16	Inhibition of macrophage activation by isoquinolinesulfonamides, phenothiazines, and a naphthalenesulfonamide. <i>Journal of Cellular Physiology</i> , 1988 , 137, 45-54	7	6
15	Regulation of Alveolar Macrophage Stimulation. <i>Annals of the New York Academy of Sciences</i> , 1987 , 494, 117-119	6.5	1

14	Biochemical properties of macrophage fractions and their relation to the mechanism of superoxide production. <i>FEBS Letters</i> , 1986 , 197, 21-6	3.8	1
13	Leukotriene B4 stimulation of phosphatidylinositol turnover in macrophages and inhibition by pertussis toxin. <i>FEBS Letters</i> , 1986 , 201, 15-9	3.8	46
12	Extracellular hydrolysis of formyl peptides and subsequent uptake of liberated amino acids by alveolar macrophages. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1986 , 886, 255-66	4.9	2
11	Calcium regulation of phosphatidyl inositol turnover in macrophage activation by formyl peptides. <i>Journal of Cellular Physiology</i> , 1985 , 123, 39-45	7	25
10	Cytosolic calcium, calcium fluxes, and regulation of alveolar macrophage superoxide anion production. <i>Journal of Cellular Physiology</i> , 1984 , 121, 458-66	7	33
9	gamma-Hexachlorocyclohexane activation of alveolar macrophage phosphatidylinositol cycle, calcium mobilization of O ₂ - production. <i>FEBS Letters</i> , 1984 , 176, 151-4	3.8	22
8	The lipid integrity of membranes of guinea pig alveolar macrophages studied by nanosecond fluorescence decay of 1,6-diphenyl-1,3,5-hexatriene: the influence of temperature and benzyl alcohol. <i>Archives of Biochemistry and Biophysics</i> , 1982 , 214, 305-10	4.1	6
7	The role of calcium in the initiation of superoxide release from alveolar macrophages. <i>Journal of Cellular Physiology</i> , 1982 , 113, 87-93	7	23
6	Formyl peptide stimulation of superoxide anion release from lung macrophages: sodium and potassium involvement. <i>Journal of Cellular Physiology</i> , 1982 , 113, 413-9	7	12
5	Transmembrane pH and Electrical Gradients: Evaluation and Possible Role in Oxidative Phosphorylation. <i>Advances in Chemistry Series</i> , 1980 , 195-210		
4	Relationship of transmembrane pH and electrical gradients with respiration and adenosine 5'-triphosphate synthesis in mitochondria. <i>Biochemistry</i> , 1980 , 19, 4213-21	3.2	74
3	Stimulation of oxygen consumption and superoxide anion production in pulmonary macrophages by N-formyl methionyl peptides. <i>FEBS Letters</i> , 1979 , 108, 47-50	3.8	46
2	Control of respiration in isolated mitochondria: quantitative evaluation of the dependence of respiratory rates on [ATP], [ADP], and [Pi]. <i>Archives of Biochemistry and Biophysics</i> , 1977 , 181, 164-71	4.1	120
1	Control of mitochondrial respiration: a quantitative evaluation of the roles of cytochrome c and oxygen. <i>Archives of Biochemistry and Biophysics</i> , 1977 , 182, 749-62	4.1	153