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List of Publications by Year in descending order

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63
papers

5,025
citations

101543

36
h-index

123424

61
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64
all docs

64
docs citations

64
times ranked

6852
citing authors

#	ARTICLE	IF	CITATIONS
1	The EXIMIOUS projectâ€”Mapping exposure-induced immune effects: connecting the exposome and the immunome. <i>Environmental Epidemiology</i> , 2022, 6, e193.	3.0	8
2	Mouse innate-like B-1 lymphocytes promote inhaled particle-induced in vitro granuloma formation and inflammation in conjunction with macrophages. <i>Archives of Toxicology</i> , 2022, 96, 585-599.	4.2	4
3	Chronic <i>Pseudomonas aeruginosa</i> Lung Infection Is IL-1R Independent, but Relies on MyD88 Signaling. <i>ImmunoHorizons</i> , 2021, 5, 273-283.	1.8	0
4	Interpreting Immunoregulation in Lung Fibrosis: A New Branch of the Immune Model. <i>Frontiers in Immunology</i> , 2021, 12, 690375.	4.8	13
5	Monocytic Ontogeny of Regenerated Macrophages Characterizes the Mesotheliomagenic Responses to Carbon Nanotubes. <i>Frontiers in Immunology</i> , 2021, 12, 666107.	4.8	5
6	Digital Image Analysis of Picosirius Red Staining: A Robust Method for Multi-Organ Fibrosis Quantification and Characterization. <i>Biomolecules</i> , 2020, 10, 1585.	4.0	33
7	Carbon Nanotubes under Scrutiny: Their Toxicity and Utility in Mesothelioma Research. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4513.	2.5	9
8	The puzzling issue of silica toxicity: are silanols bridging the gaps between surface states and pathogenicity?. <i>Particle and Fibre Toxicology</i> , 2019, 16, 32.	6.2	72
9	HIF-1 α is a key mediator of the lung inflammatory potential of lithium-ion battery particles. <i>Particle and Fibre Toxicology</i> , 2019, 16, 35.	6.2	9
10	Absence of early metabolic response assessed by 18F-FDG PET/CT after initiation of antifibrotic drugs in IPF patients. <i>Respiratory Research</i> , 2019, 20, 10.	3.6	38
11	Aggregated Tau activates NLRP3â€”ASC inflammasome exacerbating exogenously seeded and non-exogenously seeded Tau pathology in vivo. <i>Acta Neuropathologica</i> , 2019, 137, 599-617.	7.7	259
12	Cationic Nanoliposomes Are Efficiently Taken up by Alveolar Macrophages but Have Little Access to Dendritic Cells and Interstitial Macrophages in the Normal and CpG-Stimulated Lungs. <i>Molecular Pharmaceutics</i> , 2019, 16, 2048-2059.	4.6	9
13	New interplay between interstitial and alveolar macrophages explains pulmonary alveolar proteinosis (PAP) induced by indium tin oxide particles. <i>Archives of Toxicology</i> , 2018, 92, 1349-1361.	4.2	17
14	Innate immunity to inhaled particles: A new paradigm of collective recognition. <i>Current Opinion in Toxicology</i> , 2018, 10, 84-90.	5.0	4
15	Emerging Role of Immunosuppression in Diseases Induced by Micro- and Nano-Particles: Time to Revisit the Exclusive Inflammatory Scenario. <i>Frontiers in Immunology</i> , 2018, 9, 2364.	4.8	28
16	Vardenafil reduces macrophage pro-inflammatory overresponses in cystic fibrosis through PDE5- and CFTR-dependent mechanisms. <i>Clinical Science</i> , 2017, 131, 1107-1121.	4.3	13
17	Can serum cytokine profile discriminate irritant-induced and allergen-induced symptoms? A cross-sectional study in workers mostly exposed to laboratory animals. <i>Occupational and Environmental Medicine</i> , 2017, 74, 592-600.	2.8	1
18	CCR2 ⁺ monocytic myeloidâ€”derived suppressor cells (Mâ€”MDSCs) inhibit collagen degradation and promote lung fibrosis by producing transforming growth factorâ€” β 1. <i>Journal of Pathology</i> , 2017, 243, 320-330.	4.5	44

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19	Association of Endotoxin and Allergens with Respiratory and Skin Symptoms: A Descriptive Study in Laboratory Animal Workers. <i>Annals of Work Exposures and Health</i> , 2017, 61, 822-835.	1.4	4
20	Azithromycin Attenuates Pseudomonas-Induced Lung Inflammation by Targeting Bacterial Proteins Secreted in the Cultured Medium. <i>Frontiers in Immunology</i> , 2016, 7, 499.	4.8	10
21	Activation of phagocytic activity in astrocytes by reduced expression of the inflammasome component ASC and its implication in a mouse model of Alzheimer disease. <i>Journal of Neuroinflammation</i> , 2016, 13, 20.	7.2	73
22	The complex cascade of cellular events governing inflammasome activation and IL-1 β processing in response to inhaled particles. <i>Particle and Fibre Toxicology</i> , 2015, 13, 40.	6.2	68
23	Mesothelioma response to carbon nanotubes is associated with an early and selective accumulation of immunosuppressive monocytic cells. <i>Particle and Fibre Toxicology</i> , 2015, 13, 46.	6.2	37
24	IL-1 β induces CD11b ^{low} alveolar macrophage proliferation and maturation during granuloma formation. <i>Journal of Pathology</i> , 2015, 235, 698-709.	4.5	46
25	Regulation of Macrophage Motility by the Water Channel Aquaporin-1: Crucial Role of M0/M2 Phenotype Switch. <i>PLoS ONE</i> , 2015, 10, e0117398.	2.5	28
26	PET/CT with ¹⁸ F-FDG and ¹⁸ F-FBEM-Labeled Leukocytes for Metabolic Activity and Leukocyte Recruitment Monitoring in a Mouse Model of Pulmonary Fibrosis. <i>Journal of Nuclear Medicine</i> , 2015, 56, 127-132.	5.0	45
27	Age influence on mice lung tissue response to <i>Aspergillus fumigatus</i> ; chronic exposure. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 69-75.	1.0	3
28	Uncoupling between Inflammatory and Fibrotic Responses to Silica: Evidence from MyD88 Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e99383.	2.5	39
29	PDGF-D Expression Is Down-Regulated by TGF β 2 in Fibroblasts. <i>PLoS ONE</i> , 2014, 9, e108656.	2.5	17
30	The alarmin IL-1 β is a master cytokine in acute lung inflammation induced by silica micro- and nanoparticles. <i>Particle and Fibre Toxicology</i> , 2014, 11, 69.	6.2	118
31	Lung inflammation in cystic fibrosis: Pathogenesis and novel therapies. <i>Clinical Biochemistry</i> , 2014, 47, 539-546.	1.9	45
32	Occupational asthma phenotypes identified by increased fractional exhaled nitric oxide after exposure to causal agents. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1063-1067.	2.9	56
33	Critical Role of Aquaporins in Interleukin 1 β (IL-1 β)-induced Inflammation. <i>Journal of Biological Chemistry</i> , 2014, 289, 13937-13947.	3.4	65
34	CD4 ⁺ T lymphocytes in lung fibrosis: diverse subsets, diverse functions. <i>Journal of Leukocyte Biology</i> , 2013, 93, 499-510.	3.3	56
35	Dysregulated Proinflammatory and Fibrogenic Phenotype of Fibroblasts in Cystic Fibrosis. <i>PLoS ONE</i> , 2013, 8, e64341.	2.5	31
36	Lung fibrosis induced by crystalline silica particles is uncoupled from lung inflammation in NMRI mice. <i>Toxicology Letters</i> , 2011, 203, 127-134.	0.8	48

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37	IL-1 and IL-23 Mediate Early IL-17A Production in Pulmonary Inflammation Leading to Late Fibrosis. <i>PLoS ONE</i> , 2011, 6, e23185.	2.5	180
38	Platelet-Derived Growth Factor-Producing CD4 ⁺ Foxp3 ⁺ Regulatory T Lymphocytes Promote Lung Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1270-1281.	5.6	103
39	Type I Interferon Signaling Contributes to Chronic Inflammation in a Murine Model of Silicosis. <i>Toxicological Sciences</i> , 2010, 116, 682-692.	3.1	33
40	IL-17A-Producing $\gamma\delta$ T and Th17 Lymphocytes Mediate Lung Inflammation but Not Fibrosis in Experimental Silicosis. <i>Journal of Immunology</i> , 2010, 184, 6367-6377.	0.8	131
41	Influence of size, surface area and microporosity on the <i>in vitro</i> cytotoxic activity of amorphous silica nanoparticles in different cell types. <i>Nanotoxicology</i> , 2010, 4, 307-318.	3.0	122
42	Sintered Indium-Tin-Oxide (ITO) Particles: A New Pneumotoxic Entity. <i>Toxicological Sciences</i> , 2009, 108, 472-481.	3.1	98
43	Absence of Carcinogenic Response to Multiwall Carbon Nanotubes in a 2-Year Bioassay in the Peritoneal Cavity of the Rat. <i>Toxicological Sciences</i> , 2009, 110, 442-448.	3.1	229
44	Structural Defects Play a Major Role in the Acute Lung Toxicity of Multiwall Carbon Nanotubes: Toxicological Aspects. <i>Chemical Research in Toxicology</i> , 2008, 21, 1698-1705.	3.3	246
45	Type 2 immune response associated with silicosis is not instrumental in the development of the disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L107-L113.	2.9	23
46	Profibrotic Effect of IL-9 Overexpression in a Model of Airway Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 202-209.	2.9	52
47	New developments in the understanding of immunology in silicosis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2007, 7, 168-173.	2.3	152
48	Respiratory toxicity of multi-wall carbon nanotubes. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 221-231.	2.8	1,028
49	Pulmonary overexpression of IL-10 augments lung fibrosis and Th2 responses induced by silica particles. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L841-L848.	2.9	106
50	Role of Eotaxin-1 (CCL11) and CC Chemokine Receptor 3 (CCR3) in Bleomycin-Induced Lung Injury and Fibrosis. <i>American Journal of Pathology</i> , 2005, 167, 1485-1496.	3.8	101
51	IL-9 Protects against Bleomycin-Induced Lung Injury. <i>American Journal of Pathology</i> , 2005, 166, 107-115.	3.8	25
52	The role of pro- and anti-inflammatory responses in silica-induced lung fibrosis. <i>Respiratory Research</i> , 2005, 6, 112.	3.6	100
53	Characterization of the Effect of Interleukin-10 on Silica-Induced Lung Fibrosis in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 78-85.	2.9	67
54	Markers of macrophage differentiation in experimental silicosis. <i>Journal of Leukocyte Biology</i> , 2004, 76, 926-932.	3.3	72

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55	Eosinophils and T Lymphocytes Possess Distinct Roles in Bleomycin-Induced Lung Injury and Fibrosis. <i>Journal of Immunology</i> , 2003, 171, 5470-5481.	0.8	97
56	Dual Roles of IL-4 in Lung Injury and Fibrosis. <i>Journal of Immunology</i> , 2003, 170, 2083-2092.	0.8	213
57	A Profibrotic Function of IL-12p40 in Experimental Pulmonary Fibrosis. <i>Journal of Immunology</i> , 2002, 169, 2653-2661.	0.8	77
58	Interleukin-9 Reduces Lung Fibrosis and Type 2 Immune Polarization Induced by Silica Particles in a Murine Model. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 24, 368-375.	2.9	93
59	Soluble Tumor Necrosis Factor (TNF) Receptors p55 and p75 and Interleukin-10 Downregulate TNF- α Activity during the Lung Response to Silica Particles in NMRI Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 21, 137-145.	2.9	29
60	Lung Fibrosis Induced by Silica Particles in NMRI Mice Is Associated with an Upregulation of the p40 Subunit of Interleukin-12 and Th-2 Manifestations. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 561-572.	2.9	55
61	IL-9 induces chemokine expression in lung epithelial cells and baseline airway eosinophilia in transgenic mice. <i>European Journal of Immunology</i> , 1999, 29, 2130-2139.	2.9	119
62	Role of Interleukin-10 in the Lung Response to Silica in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 18, 51-59.	2.9	116
63	Think Beyond Particle Cytotoxicity: When Self-Cellular Components Released After Immunogenic Cell Death Explain Chronic Disease Development. <i>Frontiers in Toxicology</i> , 0, 4, .	3.1	3