Harri T Alenius

List of Publications by Year
in descending order

227 papers	17,755 citations	16451 64 h-index	15732 125 g-index
233 all docs	233 docs citations	233 times ranked	22647 citing authors

#	Article	IF	Citations
1	Environmental biodiversity, human microbiota, and allergy are interrelated. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8334-8339.	7.1	856
2	IL-31: A new link between T cells and pruritus in atopic skin inflammation. Journal of Allergy and Clinical Immunology, 2006, 117, 411-417.	2.9	843
3	Cumulative meta-analysis of interleukins 6 and 1Î², tumour necrosis factor Î± and C-reactive protein in patients with major depressive disorder. Brain, Behavior, and Immunity, 2015, 49, 206-215.	4.1	830
4	Socioeconomic status and the 25â€ˆÃ—â€ˆ25 risk factors as determinants of premature mortality: a multicohort study and meta-analysis of 1Â·7 million men and women. Lancet, The, 2017, 389, 1229-1237.	13.7	825
5	CCL27â€“CCR10 interactions regulate T cellâ€“mediated skin inflammation. Nature Medicine, 2002, 8, 157-165.	30.7	735
6	MicroRNAs: Novel Regulators Involved in the Pathogenesis of Psoriasis?. PLoS ONE, 2007, 2, e610.	2.5	642
7	A sensory neuronâ€“expressed IL-31 receptor mediates TÂhelper cellâ€“dependent itch: Involvement of TRPV1 andÂTRPA1. Journal of Allergy and Clinical Immunology, 2014, 133, 448-460.e7.	2.9	556
8	Characterization of a Common Susceptibility Locus for Asthma-Related Traits. Science, 2004, 304, 300-304.	12.6	442
9	Long, Needle-like Carbon Nanotubes and Asbestos Activate the NLRP3 Inflammasome through a Similar Mechanism. ACS Nano, 2011, 5, 6861-6870.	14.6	359
10	Sleep Restriction Increases the Risk of Developing Cardiovascular Diseases by Augmenting Proinflammatory Responses through IL-17 and CRP. PLoS ONE, 2009, 4, e4589.	2.5	353
11	Risk assessment of engineered nanomaterials and nanotechnologiesâ€”A review. Toxicology, 2010, 269, 92-104.	4.2	322
12	IL-33 and ST2 in Atopic Dermatitis: Expression Profiles and Modulation by Triggering Factors. Journal of Investigative Dermatology, 2012, 132, 1392-1400.	0.7	309
13	MiR-155 is overexpressed in patients with atopic dermatitis and modulates T-cell proliferative responses by targeting cytotoxic T lymphocyteâ€“associated antigen 4. Journal of Allergy and Clinical Immunology, 2010, 126, 581-589.e20.	2.9	261
14	Health and environmental safety aspects of friction grinding and spray drying of microfibrillated cellulose. Cellulose, 2011, 18, 775-786.	4.9	257
15	A novel wheat gliadin as a cause of exercise-induced anaphylaxis. Journal of Allergy and Clinical Immunology, 1999, 103, 912-917.	2.9	246
16	Natural rubber latex allergy. Allergy: European Journal of Allergy and Clinical Immunology, 1996, 51, 593-602.	5.7	243
17	(1,3)-Î²-Glucans Activate Both Dectin-1 and NLRP3 Inflammasome in Human Macrophages. Journal of Immunology, 2010, 184, 6335-6342.	0.8	241
18	Microbe-host interplay in atopic dermatitis and psoriasis. Nature Communications, 2019, 10, 4703.	12.8	217

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19	Wheat Ï‰-5 gliadin is a major allergen in children with immediate allergy to ingested wheat. Journal of Allergy and Clinical Immunology, 2001, 108, 634-638.	2.9	214
20	Advanced tools for the safety assessment of nanomaterials. Nature Nanotechnology, 2018, 13, 537-543.	31.5	214
21	CCL1-CCR8 Interactions: An Axis Mediating the Recruitment of T Cells and Langerhans-Type Dendritic Cells to Sites of Atopic Skin Inflammation. Journal of Immunology, 2005, 174, 5082-5091.	0.8	194
22	CCR3 is essential for skin eosinophilia and airway hyperresponsiveness in a murine model of allergic skin inflammation. Journal of Clinical Investigation, 2002, 109, 621-628.	8.2	190
23	DNA methylation in childhood asthma: an epigenome-wide meta-analysis. Lancet Respiratory Medicine,the, 2018, 6, 379-388.	10.7	170
24	Acinetobacter species in the skin microbiota protect against allergic sensitization and inflammation. Journal of Allergy and Clinical Immunology, 2014, 134, 1301-1309.e11.	2.9	163
25	Transglutaminase-mediated cross-linking of a peptic fraction of Ï‰-5 gliadin enhances IgE reactivity in wheat-dependent, exercise-induced anaphylaxis. Journal of Allergy and Clinical Immunology, 2003, 111, 1386-1392.	2.9	147
26	Nanotechnologies, engineered nanomaterials and occupational health and safety â€“ A review. Safety Science, 2010, 48, 957-963.	4.9	147
27	Proteomic Characterization of Engineered Nanomaterialâ€“Protein Interactions in Relation to Surface Reactivity. ACS Nano, 2011, 5, 4300-4309.	14.6	142
28	Airway Exposure to Silica-Coated TiO2 Nanoparticles Induces Pulmonary Neutrophilia in Mice. Toxicological Sciences, 2010, 113, 422-433.	3.1	140
29	IL-17/Th17 Pathway Is Activated in Acne Lesions. PLoS ONE, 2014, 9, e105238.	2.5	139
30	Hunt for the origin of allergy â€“ comparing the Finnish and Russian Karelia. Clinical and Experimental Allergy, 2015, 45, 891-901.	2.9	131
31	IL-10 is critical for Th2 responses in a murine model of allergic dermatitis. Journal of Clinical Investigation, 2003, 112, 1058-1066.	8.2	129
32	Prohevein from the rubber tree (Hevea brasiliensis) is a major latex allergen. Clinical and Experimental Allergy, 1995, 25, 659-665.	2.9	127
33	Soil exposure modifies the gut microbiota and supports immune tolerance in a mouse model. Journal of Allergy and Clinical Immunology, 2019, 143, 1198-1206.e12.	2.9	124
34	Engineered nanomaterials cause cytotoxicity and activation on mouse antigen presenting cells. Toxicology, 2010, 267, 125-131.	4.2	121
35	Altered MicroRNA Expression of Nasal Mucosa in Long-Term Asthma and Allergic Rhinitis. International Archives of Allergy and Immunology, 2014, 163, 168-178.	2.1	117
36	Innate and adaptive immunity in the development of depression: An update on current knowledge and technological advances. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 66, 63-72.	4.8	116

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37	CC Chemokine Ligand 18, An Atopic Dermatitis-Associated and Dendritic Cell-Derived Chemokine, Is Regulated by Staphylococcal Products and Allergen Exposure. Journal of Immunology, 2004, 173, 5810-5817.	0.8	115
38	IgE Reactivity to 14-kD and 27-kD Natural Rubber Proteins in Latex-Allergic Children with Spina bifida and Other Congenital Anomalies. International Archives of Allergy and Immunology, 1993, 102, 61-66.	2.1	109
39	Narrowband ultraviolet B treatment improves vitamin D balance and alters antimicrobial peptide expression in skin lesions of psoriasis and atopic dermatitis. British Journal of Dermatology, 2010, 163, 321-328.	1.5	108
40	CCR3 is essential for skin eosinophilia and airway hyperresponsiveness in a murine model of allergic skin inflammation. Journal of Clinical Investigation, 2002, 109, 621-628.	8.2	107
41	Latex allergy diagnosis: in vivo and in vitro standardization of a natural rubber latex extract. Allergy: European Journal of Allergy and Clinical Immunology, 1997, 52, 41-50.	5.7	106
42	Topically applied ZnO nanoparticles suppress allergen induced skin inflammation but induce vigorous IgE production in the atopic dermatitis mouse model. Particle and Fibre Toxicology, 2014, 11, 38.	6.2	103
43	Rye Î³â€70 and Î³â€35 secalins and barley Î³â€3 hordein crossâ€reactwith Ï‰â€5 gliadin, a major allergen in wheatâ€dependent, exerciseâ€induced anaphylaxis. Clinical and Experimental Allergy, 2001, 31, 466-473.	2.9	99
44	Requirement of CCL17 for CCR7- and CXCR4-dependent migration of cutaneous dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8736-8741.	7.1	99
45	Significant disparities in allergy prevalence and microbiota between the young people in Finnish and Russian Karelia. Clinical and Experimental Allergy, 2017, 47, 665-674.	2.9	97
46	Cytosolic Antiviral RNA Recognition Pathway Activates Caspases 1 and 3. Journal of Immunology, 2008, 180, 1749-1757.	0.8	88
47	Physical interactions between mast cells and eosinophils: a novel mechanism enhancing eosinophil survival in vitro. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 376-385.	5.7	87
48	Hevein-like protein domains as a possible cause for allergen cross-reactivity between latex and bananaâ˜†â˜†â˜…â˜…â˜…. Journal of Allergy and Clinical Immunology, 1998, 102, 1005-1012.	2.9	86
49	Artificially cloaked viral nanovaccine for cancer immunotherapy. Nature Communications, 2019, 10, 5747.	12.8	86
50	Genotoxicity of inhaled nanosized TiO2 in mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 745, 58-64.	1.7	85
51	Inhalation of rod-like carbon nanotubes causes unconventional allergic airway inflammation. Particle and Fibre Toxicology, 2014, 11, 48.	6.2	83
52	Cross-reacting allergens in natural rubber latex and avocado. Journal of Allergy and Clinical Immunology, 1995, 96, 167-173.	2.9	82
53	Genotoxic and immunotoxic effects of cellulose nanocrystals in vitro. Environmental and Molecular Mutagenesis, 2015, 56, 171-182.	2.2	81
54	Measurement of natural rubber latex allergen levels in medical gloves by allergen-specific IgE-ELISA inhibition, RAST inhibition, and skin prick test. Allergy: European Journal of Allergy and Clinical Immunology, 1998, 53, 59-67.	5.7	79

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55	Assessment of the Neuropeptide S System in Anxiety Disorders. Biological Psychiatry, 2010, 68, 474-483.	1.3	79
56	Trichothecene Mycotoxins Activate Inflammatory Response in Human Macrophages. Journal of Immunology, 2009, 182, 6418-6425.	0.8	75
57	Allergens in latex surgical gloves and glove powder. Lancet, The, 1990, 336, 1588.	13.7	73
58	Topical Superantigen Exposure Induces Epidermal Accumulation of CD8+ T Cells, a Mixed Th1/Th2-Type Dermatitis and Vigorous Production of IgE Antibodies in the Murine Model of Atopic Dermatitis. Journal of Immunology, 2005, 175, 8320-8326.	0.8	73
59	Repeated epicutaneous exposures to ovalbumin progressively induce atopic dermatitisâ€like skin lesions in mice. Clinical and Experimental Allergy, 2007, 37, 151-161.	2.9	72
60	Prolonged sleep restriction induces changes in pathways involved in cholesterol metabolism and inflammatory responses. Scientific Reports, 2016, 6, 24828.	3.3	72
61	Inhalation and Oropharyngeal Aspiration Exposure to Rod-Like Carbon Nanotubes Induce Similar Airway Inflammation and Biological Responses in Mouse Lungs. ACS Nano, 2017, 11, 291-303.	14.6	72
62	Partial Sleep Restriction Activates Immune Response-Related Gene Expression Pathways: Experimental and Epidemiological Studies in Humans. PLoS ONE, 2013, 8, e77184.	2.5	72
63	Inhalation exposure to nanosized and fine TiO2 particles inhibits features of allergic asthma in a murine model. Particle and Fibre Toxicology, 2010, 7, 35.	6.2	70
64	Mast cells regulate IFN-Î³ expression in the skin and circulating IgE levels in allergen-induced skin inflammation. Journal of Allergy and Clinical Immunology, 2002, 109, 106-113.	2.9	67
65	Identification of patatin as a novel allergen for children with positive skin prick test responses to raw potato. Journal of Allergy and Clinical Immunology, 1999, 103, 165-171.	2.9	65
66	Chemokine responses distinguish chemical-induced allergic from irritant skin inflammation: Memory T cells make the difference. Journal of Allergy and Clinical Immunology, 2007, 119, 1470-1480.	2.9	65
67	ELMOD2, a candidate gene for idiopathic pulmonary fibrosis, regulates antiviral responses. FASEB Journal, 2010, 24, 1167-1177.	0.5	65
68	How does socio-economic position (SEP) get biologically embedded? A comparison of allostatic load and the epigenetic clock(s). Psychoneuroendocrinology, 2019, 104, 64-73.	2.7	65
69	Neuropeptide S and G protein-coupled receptor 154 modulate macrophage immune responses. Human Molecular Genetics, 2006, 15, 1667-1679.	2.9	64
70	Surgical Latex Glove Allergy: Characterization of Rubber Protein Allergens by Immunoblotting. International Archives of Allergy and Immunology, 1991, 96, 376-380.	2.1	61
71	An obligate role for T-cell receptor Î±Î²+ T cells but not T-cell receptor Î³Î´+ T cells, B cells, or CD40/CD40L interactions in a mouse model of atopic dermatitis. Journal of Allergy and Clinical Immunology, 2001, 107, 359-366.	2.9	60
72	MicroRNA profiles in nasal mucosa of patients with allergic and nonallergic rhinitis and asthma. International Forum of Allergy and Rhinology, 2013, 3, 612-620.	2.8	60

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73	IgE-mediated allergy to fungal allergens in Finland with special reference toAlternaria alternata and Cladosporium herbarum. Annals of Allergy, Asthma and Immunology, 2003, 91, 280-287.	1.0	59
74	Foxp3+ Cells Control Th2 Responses in a Murine Model of Atopic Dermatitis. Journal of Investigative Dermatology, 2012, 132, 1672-1680.	0.7	58
75	Genotoxic and inflammatory effects of nanofibrillated cellulose in murine lungs. Mutagenesis, 2017, 32, 23-31.	2.6	58
76	Characterization of oak and birch dust-induced expression of cytokines and chemokines in mouse macrophage RAW 264.7 cells. Toxicology, 2005, 215, 25-36.	4.2	56
77	A Single Aspiration of Rod-like Carbon Nanotubes Induces Asbestos-like Pulmonary Inflammation Mediated in Part by the IL-1 Receptor. Toxicological Sciences, 2015, 147, 140-155.	3.1	53
78	Significance of Rubber Elongation Factor as a Latex Allergen. International Archives of Allergy and Immunology, 1996, 109, 362-368.	2.1	51
79	Humoral and cellular responses to gliadin in wheatâ€dependent, exerciseâ€induced anaphylaxis. Clinical and Experimental Allergy, 2003, 33, 90-95.	2.9	50
80	Purification and Partial Amino Acid Sequencing of a 27-kD Natural Rubber Allergen Recognized by Latex-Allergic Children with Spina Bifida. International Archives of Allergy and Immunology, 1995, 106, 258-262.	2.1	49
81	A Two-Dimensional Electrophoretic Analysis of Latex Peptides Reacting with IgE and IgG Antibodies from Patients with Latex Allergy. International Archives of Allergy and Immunology, 1996, 109, 58-67.	2.1	49
82	Purification of Filaggrin from Human Epidermis and Measurement of Antifilaggrin Autoantibodies in Sera from Patients with Rheumatoid Arthritis by an Enzyme-Linked Immunosorbent Assay. International Archives of Allergy and Immunology, 1998, 115, 294-302.	2.1	48
83	Construction of Hevein (Hev b 6.02) with Reduced Allergenicity for Immunotherapy of Latex Allergy by Comutation of Six Amino Acid Residues on the Conformational IgE Epitopes. Journal of Immunology, 2004, 172, 2621-2628.	0.8	47
84	Latex allergy and skin. Current Opinion in Allergy and Clinical Immunology, 2004, 4, 397-401.	2.3	47
85	The complement component C3 plays a critical role in both TH1 and TH2 responses to antigen. Journal of Allergy and Clinical Immunology, 2006, 117, 1455-1461.	2.9	47
86	Nano-sized zinc oxide and silver, but not titanium dioxide, induce innate and adaptive immunity and antiviral response in differentiated THP-1 cells. Nanotoxicology, 2017, 11, 936-951.	3.0	47
87	In situanalysis of liposome hard and soft protein corona structure and composition in a single label-free workflow. Nanoscale, 2020, 12, 1728-1741.	5.6	46
88	Quantitation of latex allergens. Methods, 2002, 27, 52-58.	3.8	45
89	Phagocytosis of nano-sized titanium dioxide triggers changes in protein acetylation. Journal of Proteomics, 2014, 108, 469-483.	2.4	44
90	Characterization of sputum biomarkers for asthma–COPD overlap syndrome. International Journal of COPD, 2016, Volume 11, 2457-2465.	2.3	44

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91	Contrasting Immunological Effects of Two Disparate Dusts â€“ Preliminary Observations. International Archives of Allergy and Immunology, 2009, 149, 81-90.	2.1	43
92	Pulmonary effects of nanofibrillated celluloses in mice suggest that carboxylation lowers the inflammatory and acute phase responses. Environmental Toxicology and Pharmacology, 2019, 66, 116-125.	4.0	42
93	Machine-learningâ€“driven biomarker discovery for the discrimination between allergic and irritant contact dermatitis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33474-33485.	7.1	42
94	IgE antibodies to Ï‰â€5 gliadin in children with wheatâ€induced anaphylaxis. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 506-509.	5.7	41
95	Osteoclast activators are elevated in intervertebral disks with Modic changes among patients operated for herniated nucleus pulposus. European Spine Journal, 2016, 25, 207-216.	2.2	41
96	Epicutaneous Natural Rubber Latex Sensitization Induces T Helper 2-Type Dermatitis and Strong Prohevein-Specific IgE Response. Journal of Investigative Dermatology, 2003, 120, 633-640.	0.7	39
97	Inflammation and functional outcome in diisocyanateâ€induced asthma after cessation of exposure. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 583-591.	5.7	39
98	Natural rubber latex allergy. Occupational and Environmental Medicine, 2002, 59, 419-424.	2.8	38
99	Impaired signaling via the high-affinity IgE receptor in Wiskott-Aldrich syndrome protein-deficient mast cells. International Immunology, 2003, 15, 1431-1440.	4.0	38
100	The chemokine receptor CCR3 participates in tissue remodeling during atopic skin inflammation. Journal of Dermatological Science, 2013, 71, 12-21.	1.9	38
101	The Major Conformational IgE-binding Epitopes of Hevein (Hev b6.02) Are Identified by a Novel Chimera-based Allergen Epitope Mapping Strategy. Journal of Biological Chemistry, 2002, 277, 22656-22661.	3.4	37
102	Absence of CCR4 Exacerbates Skin Inflammation in an Oxazolone-Induced Contact Hypersensitivity Model. Journal of Investigative Dermatology, 2010, 130, 2743-2751.	0.7	37
103	The Temporal and Spatial Dynamics of Foxp3+ Treg Cellâ€“Mediated Suppression during Contact Hypersensitivity Responses in a Murine Model. Journal of Investigative Dermatology, 2012, 132, 2744-2751.	0.7	37
104	eUTOPIA: solUTion for Omics data PreprocessIng and Analysis. Source Code for Biology and Medicine, 2019, 14, 1.	1.7	37
105	Mechanisms of Particle-Induced Pulmonary Inflammation in a Mouse Model: Exposure to Wood Dust. Toxicological Sciences, 2006, 93, 96-104.	3.1	36
106	Toll-Like Receptor Activation during Cutaneous Allergen Sensitization Blocks Development of Asthma through IFN-Gamma-Dependent Mechanisms. Journal of Investigative Dermatology, 2013, 133, 964-972.	0.7	35
107	Network Analysis Reveals Similar Transcriptomic Responses to Intrinsic Properties of Carbon Nanomaterials in Vitro and in Vivo. ACS Nano, 2017, 11, 3786-3796.	14.6	35
108	Murine model of food allergy after epicutaneous sensitization: Role of mucosal mast cell protease-1. Scandinavian Journal of Gastroenterology, 2006, 41, 1405-1413.	1.5	34

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109	Smad3 Signal Transducer Regulates Skin Inflammation and Specific IgE Response in Murine Model of Atopic Dermatitis. Journal of Investigative Dermatology, 2007, 127, 1923-1929.	0.7	34
110	Decreased Cytokine and Chemokine mRNA Expression in Bronchoalveolar Lavage in Asymptomatic Smoking Subjects. Respiration, 2008, 75, 450-458.	2.6	34
111	Nanofibrillated cellulose causes acute pulmonary inflammation that subsides within a month. Nanotoxicology, 2018, 12, 729-746.	3.0	34
112	Thaumatin-like protein and baker's respiratory allergy. Annals of Allergy, Asthma and Immunology, 2010, 104, 139-146.	1.0	33
113	Level of Fatty Acid Binding Protein 5 (FABP5) Is Increased in Sputum of Allergic Asthmatics and Links to Airway Remodeling and Inflammation. PLoS ONE, 2015, 10, e0127003.	2.5	33
114	Isolated hevein-like domains, but not 31-kd endochitinases, are responsible for IgE-mediated in vitro and in vivo reactions in latex-fruit syndrome. Journal of Allergy and Clinical Immunology, 2005, 115, 598-605.	2.9	32
115	Modulation of Chemokines by Staphylococcal Superantigen in Atopic Dermatitis. , 2007, 93, 181-194.		32
116	Contact Dermatitis. Dermatologic Clinics, 2007, 25, 613-623.	1.7	32
117	Transforming growth factor-/Smad3 signalling regulates inflammatory responses in a murine model of contact hypersensitivity. British Journal of Dermatology, 2008, 159, ???-???.	1.5	32
118	Wood dusts induce the production of reactive oxygen species and caspase-3 activity in human bronchial epithelial cells. Toxicology, 2009, 262, 265-270.	4.2	32
119	A Robust and Accurate Method for Feature Selection and Prioritization from Multi-Class OMICs Data. PLoS ONE, 2014, 9, e107801.	2.5	32
120	Diffusion and Protein Corona Formation of Lipid-Based Nanoparticles in the Vitreous Humor: Profiling and Pharmacokinetic Considerations. Molecular Pharmaceutics, 2021, 18, 699-713.	4.6	32
121	Immunological resilience and biodiversity for prevention of allergic diseases and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3613-3626.	5.7	32
122	Molecular Signature of Asthma-Enhanced Sensitivity to CuO Nanoparticle Aerosols from 3D Cell Model. ACS Nano, 2019, 13, 6932-6946.	14.6	31
123	Recent developments in latex allergy. Current Opinion in Allergy and Clinical Immunology, 2002, 2, 407-412.	2.3	30
124	Comparison of hardwood and softwood dust-induced expression of cytokines and chemokines in mouse macrophage RAW 264.7 cells. Toxicology, 2006, 218, 13-21.	4.2	30
125	Trichothecene mycotoxins activate NLRP3 inflammasome through a P2X7 receptor and Src tyrosine kinase dependent pathway. Human Immunology, 2014, 75, 134-140.	2.4	30
126	Nasal nitric oxide is dependent on sinus obstruction in allergic rhinitis. Laryngoscope, 2014, 124, E213-8.	2.0	30

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127	A Randomized, Open-Label Trial of Hen's Egg Oral Immunotherapy: Efficacy and Humoral Immune Responses in 50 Children. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1892-1901.e1.	3.8	30
128	A secretomics analysis reveals major differences in the macrophage responses towards different types of carbon nanotubes. Nanotoxicology, 2015, 9, 719-728.	3.0	29
129	Reducing socio-economic inequalities in all-cause mortality: a counterfactual mediation approach. International Journal of Epidemiology, 2020, 49, 497-510.	1.9	29
130	Light-Activated Liposomes Coated with Hyaluronic Acid as a Potential Drug Delivery System. Pharmaceutics, 2020, 12, 763.	4.5	29
131	Nanosized TiO2 caused minor airflow limitation in the murine airways. Archives of Toxicology, 2011, 85, 827-839.	4.2	28
132	Interaction between Retinoid Acid Receptor-Related Orphan Receptor Alpha (RORA) and Neuropeptide S Receptor 1 (NPSR1) in Asthma. PLoS ONE, 2013, 8, e60111.	2.5	28
133	Size-dependent ROS production by palladium and nickel nanoparticles in cellular and acellular environments â€“ An indication for the catalytic nature of their interactions. Nanotoxicology, 2015, 9, 1059-1066.	3.0	28
134	In vivo relationship between collagenase-2 and interleukin-8 but not tumour necrosis factor-alpha in chronic rhinosinusitis with nasal polyposis. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 1275-1279.	5.7	27
135	Soluble IL-1RII and IL-18 are associated with incipient upper extremity soft tissue disorders. Cytokine, 2011, 54, 149-153.	3.2	27
136	ST2 Regulates Allergic Airway Inflammation and T-Cell Polarization in Epicutaneously Sensitized Mice. Journal of Investigative Dermatology, 2013, 133, 2522-2529.	0.7	26
137	Range-Finding Risk Assessment of Inhalation Exposure to Nanodiamonds in a Laboratory Environment. International Journal of Environmental Research and Public Health, 2014, 11, 5382-5402.	2.6	26
138	Surface PEGylation suppresses pulmonary effects of CuO in allergen-induced lung inflammation. Particle and Fibre Toxicology, 2019, 16, 28.	6.2	26
139	Epigenetic Clocks and Allostatic Load Reveal Potential Sex-Specific Drivers of Biological Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 495-503.	3.6	26
140	Avidin Is a Promising Tag for Fusion Proteins Produced in Baculovirus-Infected Insect Cells. Protein Expression and Purification, 1999, 17, 139-145.	1.3	25
141	Intranasal exposure to a damp building mould, Stachybotrys chartarum , induces lung inflammation in mice by satratoxin-independent mechanisms. Clinical and Experimental Allergy, 2003, 33, 1603-1610.	2.9	25
142	Exposure to Aspergillus fumigatus spores induces chemokine expression in mouse macrophages. Toxicology, 2004, 200, 255-263.	4.2	25
143	Latex allergy: the sum quantity of four major allergens shows the allergenic potential of medical gloves. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 781-786.	5.7	25
144	Smad3 -signalling and Th2 cytokines in normal mouse airways and in a mouse model of asthma. International Journal of Biological Sciences, 2007, 3, 477-485.	6.4	24

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145	Multiparametric Profiling of Engineered Nanomaterials: Unmasking the Surface Coating Effect. Advanced Science, 2020, 7, 2002221.	11.2	24
146	Shared DNA methylation signatures in childhood allergy: The MeDALL study. Journal of Allergy and Clinical Immunology, 2021, 147, 1031-1040.	2.9	24
147	Extractable latex allergens in airborne glove powder and in cut glove pieces. Clinical and Experimental Allergy, 2002, 32, 1077-1081.	2.9	23
148	Cutaneous, But Not Airway, Latex Exposure Induces Allergic Lung Inflammation and Airway Hyperreactivity in Mice. Journal of Investigative Dermatology, 2005, 125, 962-968.	0.7	23
149	Adenovirus mediated intra-articular expression of collagenase-3 (MMP-13) induces inflammatory arthritis in mice. Annals of the Rheumatic Diseases, 2004, 63, 656-664.	0.9	22
150	Neuropeptide S receptor 1 expression in the intestine and skin â€“ putative role in peptide hormone secretion. Neurogastroenterology and Motility, 2010, 22, 79.	3.0	22
151	Complex 2B4 Regulation of Mast Cells and Eosinophils in Murine Allergic Inflammation. Journal of Investigative Dermatology, 2014, 134, 2928-2937.	0.7	22
152	Silver, titanium dioxide, and zinc oxide nanoparticles trigger miRNA/isomiR expression changes in THP-1 cells that are proportional to their health hazard potential. Nanotoxicology, 2019, 13, 1380-1395.	3.0	22
153	Silver nanoparticles regulate Arabidopsis root growth by concentration-dependent modification of reactive oxygen species accumulation and cell division. Ecotoxicology and Environmental Safety, 2020, 190, 110072.	6.0	22
154	The asthma candidate gene NPSR1 mediates isoform specific downstream signalling. BMC Pulmonary Medicine, 2011, 11, 39.	2.0	20
155	Visualization of Nanofibrillar Cellulose in Biological Tissues Using a Biotinylated Carbohydrate Binding Module of Î²-1,4-Glycanase. Chemical Research in Toxicology, 2015, 28, 1627-1635.	3.3	20
156	Pulmonary toxicity of synthetic amorphous silica â€“ effects of porosity and copper oxide doping. Nanotoxicology, 2021, 15, 96-113.	3.0	20
157	Isotretinoin treatment reduces acne lesions but not directly lesional acne inflammation. Experimental Dermatology, 2016, 25, 477-478.	2.9	19
158	Immuneâ€microbiota interaction in Finnish and Russian Karelia young people with high and low allergy prevalence. Clinical and Experimental Allergy, 2020, 50, 1148-1158.	2.9	19
159	Effects of fumonisin B1 on the expression of cytokines and chemokines in human dendritic cells. Food and Chemical Toxicology, 2008, 46, 1444-1451.	3.6	18
160	Epithelial proteome profiling suggests the essential role of interferon-inducible proteins in patients with allergic rhinitis. Journal of Allergy and Clinical Immunology, 2017, 140, 1288-1298.	2.9	18
161	Cross-reactivity between gutta-percha and natural rubber latex. Journal of the American Dental Association, 2002, 133, 1357-1367.	1.5	17
162	Functional Beta2-Integrins Restrict Skin Inflammation In Vivo. Journal of Investigative Dermatology, 2015, 135, 2249-2257.	0.7	17

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