

# Irina Lehmann

## List of Publications by Year in descending order

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Version: 2024-02-01

202  
papers

11,339  
citations

34016

52  
h-index

37111

96  
g-index

212  
all docs

212  
docs citations

212  
times ranked

19300  
citing authors

#	ARTICLE	IF	CITATIONS
1	An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor. <i>Nature</i> , 2011, 478, 197-203.	13.7	1,514
2	COVID-19 severity correlates with airway epithelium-immune cell interactions identified by single-cell analysis. <i>Nature Biotechnology</i> , 2020, 38, 970-979.	9.4	887
3	Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1702.	3.8	344
4	Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data meta-analysis of European, North American and Australian cohorts. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 984-995.	1.1	327
5	Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. <i>PLoS Medicine</i> , 2019, 16, e1002744.	3.9	291
6	Constitutive IDO expression in human cancer is sustained by an autocrine signaling loop involving IL-6, STAT3 and the AHR. <i>Oncotarget</i> , 2014, 5, 1038-1051.	0.8	248
7	Pre-activated antiviral innate immunity in the upper airways controls early SARS-CoV-2 infection in children. <i>Nature Biotechnology</i> , 2022, 40, 319-324.	9.4	229
8	Maternal diet during pregnancy in relation to eczema and allergic sensitization in the offspring at 2 y of age. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 530-537.	2.2	227
9	Allergens and endotoxin on mothers' mattresses and total immunoglobulin E in cord blood of neonates. <i>European Respiratory Journal</i> , 2002, 20, 617-623.	3.1	186
10	Cord blood <i>T</i> regs with stable <i>FOXP3</i> expression are influenced by prenatal environment and associated with atopic dermatitis at the age of one year. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 380-389.	2.7	176
11	Maternal and newborn vitamin D status and its impact on food allergy development in the German LINA cohort study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 220-228.	2.7	170
12	Mode of delivery and development of atopic disease during the first 2 years of life. <i>Pediatric Allergy and Immunology</i> , 2004, 15, 48-54.	1.1	166
13	From the exposome to mechanistic understanding of chemical-induced adverse effects. <i>Environment International</i> , 2017, 99, 97-106.	4.8	146
14	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 388-399.	1.5	145
15	The mycotoxins citrinin, gliotoxin, and patulin affect interferon- $\gamma$ rather than interleukin-4 production in human blood cells. <i>Environmental Toxicology</i> , 2002, 17, 211-218.	2.1	144
16	Maternal and cord blood miR-223 expression associates with prenatal tobacco smoke exposure and low regulatory T-cell numbers. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 543-550.e4.	1.5	137
17	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	9.4	129
18	Infant eczema, infant sleeping problems, and mental health at 10 years of age: the prospective birth cohort study LISaplus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 404-411.	2.7	111

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19	The influence of maternal exposure to volatile organic compounds on the cytokine secretion profile of neonatal T cells. <i>Environmental Toxicology</i> , 2002, 17, 203-210.	2.1	106
20	Environmentâ€nduced epigenetic reprogramming in genomic regulatory elements in smoking mothers and their children. <i>Molecular Systems Biology</i> , 2016, 12, 861.	3.2	97
21	Enhanced in vivo IgE production and T cell polarization toward the type 2 phenotype in association with indoor exposure to VOC: results of the LARS study. <i>International Journal of Hygiene and Environmental Health</i> , 2001, 204, 211-221.	2.1	96
22	Early endotoxin exposure and atopy development in infants: results of a birth cohort study. <i>Clinical and Experimental Allergy</i> , 2003, 33, 770-776.	1.4	93
23	Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 812-821.	2.7	93
24	Maternal phthalate exposure promotes allergic airway inflammation over 2 generations through epigenetic modifications. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 741-753.	1.5	92
25	Respiratory effects of indoor particles in young children are size dependent. <i>Science of the Total Environment</i> , 2011, 409, 1621-1631.	3.9	89
26	Reduced Expression of Th1-Associated Chemokine Receptors on Peripheral Blood Lymphocytes at Diagnosis of Type 1 Diabetes. <i>Diabetes</i> , 2002, 51, 2474-2480.	0.3	79
27	Cesarean Delivery and Risk of Childhood Obesity. <i>Journal of Pediatrics</i> , 2014, 164, 1068-1073.e2.	0.9	78
28	Reduced IFNâ€³â€and enhanced ILâ€4â€producing CD4<sup>+</sup> cord blood T cells are associated with a higher risk for atopic dermatitis during the first 2â€fyr of life. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 5-13.	1.1	77
29	Paving the way of systems biology and precision medicine in allergic diseases: the Me <scp>DALL</scp> success story. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1513-1525.	2.7	77
30	Maternal paraben exposure triggers childhood overweight development. <i>Nature Communications</i> , 2020, 11, 561.	5.8	77
31	Food Intake, Diet Quality and Behavioral Problems in Children: Results from the GINI-plus/LISA-plus Studies. <i>Annals of Nutrition and Metabolism</i> , 2012, 60, 247-256.	1.0	75
32	Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. <i>BMC Medicine</i> , 2018, 16, 201.	2.3	74
33	Research challenges for cultural ecosystem services and public health in (peri-)urban environments. <i>Science of the Total Environment</i> , 2019, 651, 2118-2129.	3.9	74
34	Tobacco smoking differently influences cell types of the innate and adaptive immune systemâ€indications from CpG site methylation. <i>Clinical Epigenetics</i> , 2016, 8, 83.	1.8	73
35	Association of Atopic Dermatitis with Cardiovascular Risk Factors and Diseases. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1074-1081.	0.3	73
36	Children with ADHD Symptoms Have a Higher Risk for Reading, Spelling and Math Difficulties in the GINIplus and LISApplus Cohort Studies. <i>PLoS ONE</i> , 2013, 8, e63859.	1.1	72

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37	MEST mediates the impact of prenatal bisphenol A exposure on long-term body weight development. <i>Clinical Epigenetics</i> , 2018, 10, 58.	1.8	72
38	Exposure to Mycotoxins Increases the Allergic Immune Response in a Murine Asthma Model. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 1188-1199.	2.5	68
39	Hypermethylation of the Inactive X Chromosome Is a Frequent Event in Cancer. <i>Cell</i> , 2013, 155, 567-581.	13.5	67
40	Does early onset asthma increase childhood obesity risk? A pooled analysis of 16 European cohorts. <i>European Respiratory Journal</i> , 2018, 52, 1800504.	3.1	67
41	Longitudinal study on cat allergen exposure and the development of allergy in young children. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1148-1155.	1.5	66
42	Maternal immune status in pregnancy is related to offspring's immune responses and atopy risk. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1065-1074.	2.7	66
43	The aromatic volatile organic compounds toluene, benzene and styrene induce COX-2 and prostaglandins in human lung epithelial cells via oxidative stress and p38 MAPK activation. <i>Toxicology</i> , 2011, 289, 28-37.	2.0	66
44	Expression of tumour necrosis factor-alpha (TNF-alpha) mRNA and protein in pathological thyroid tissue and carcinoma cell lines. <i>Clinical and Experimental Immunology</i> , 1996, 105, 148-154.	1.1	65
45	The Capacity to Produce IFN-gamma Rather Than the Presence of Interleukin-4 Determines the Resistance and the Degree of Susceptibility to <i>Leishmania donovani</i> Infection in Mice. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 63-77.	0.5	65
46	The in vitro immune modulation by cadmium depends on the way of cell activation. <i>Toxicology</i> , 2006, 222, 37-45.	2.0	62
47	Respiratory health in children, and indoor exposure to (1,3)- $\beta$ -D-glucan, EPS mould components and endotoxin. <i>European Respiratory Journal</i> , 2011, 37, 1050-1059.	3.1	62
48	A longitudinal analysis of associations between traffic-related air pollution with asthma, allergies and sensitization in the GINIplus and LISAPLUS birth cohorts. <i>PeerJ</i> , 2013, 1, e193.	0.9	62
49	Volatile Organic Compounds Enhance Allergic Airway Inflammation in an Experimental Mouse Model. <i>PLoS ONE</i> , 2012, 7, e39817.	1.1	60
50	<i>FADS</i> gene cluster modulates the effect of breastfeeding on asthma. Results from the GINIplus and LISAPLUS studies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 83-90.	2.7	57
51	Elevated Serum 25(OH)-Vitamin D Levels Are Negatively Correlated with Molar-Incisor Hypomineralization. <i>Journal of Dental Research</i> , 2015, 94, 381-387.	2.5	57
52	Redecoration of apartments promotes obstructive bronchitis in atopy risk infants – Results of the LARS study. <i>International Journal of Hygiene and Environmental Health</i> , 2003, 206, 173-179.	2.1	55
53	Release of MCP-1 and IL-8 from lung epithelial cells exposed to volatile organic compounds. <i>Toxicology in Vitro</i> , 2008, 22, 359-366.	1.1	55
54	Prenatal maternal stress and wheeze in children: novel insights into epigenetic regulation. <i>Scientific Reports</i> , 2016, 6, 28616.	1.6	55

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55	Prenatal VOC exposure and redecoration are related to wheezing in early infancy. <i>Environment International</i> , 2014, 73, 393-401.	4.8	54
56	Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births. <i>PLoS Medicine</i> , 2020, 17, e1003182.	3.9	54
57	Prospective association between food sensitization and food allergy: results of the LISA birth cohort study. <i>Clinical and Experimental Allergy</i> , 2010, 40, 450-457.	1.4	53
58	Increased incidence of allergic sensitisation and respiratory diseases due to mould exposure: Results of the Leipzig Allergy Risk children Study (LARS). <i>International Journal of Hygiene and Environmental Health</i> , 2002, 204, 363-365.	2.1	52
59	Chlorobenzene induces oxidative stress in human lung epithelial cells in vitro. <i>Toxicology and Applied Pharmacology</i> , 2010, 242, 100-108.	1.3	51
60	Effect of fatty acid status in cord blood serum on children's behavioral difficulties at 10 y of age: results from the LISApplus Study. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1592-1599.	2.2	51
61	Passive smoking and behavioural problems in children: Results from the LISApplus prospective birth cohort study. <i>Environmental Research</i> , 2011, 111, 1173-1179.	3.7	49
62	Maternal Smoking during Pregnancy and Early Childhood and Development of Asthma and Rhinoconjunctivitis – a MeDALL Project. <i>Environmental Health Perspectives</i> , 2018, 126, 047005.	2.8	48
63	T cell reactivity in neonates from an East and a West German city - results of the LISA study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 129-136.	2.7	47
64	Critical role for syndecan-4 in dendritic cell migration during development of allergic airway inflammation. <i>Nature Communications</i> , 2015, 6, 7554.	5.8	45
65	Elder siblings enhance the effect of filaggrin mutations on childhood eczema: Results from the 2 birth cohort studies LISApplus and GINIplus. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1254-1260.e5.	1.5	44
66	The sex shift in single disease and multimorbid asthma and rhinitis during puberty – a study by MeDALL. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 602-614.	2.7	44
67	Styrene induces an inflammatory response in human lung epithelial cells via oxidative stress and NF- $\kappa$ B activation. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 241-247.	1.3	43
68	Prenatal and postnatal tobacco smoke exposure and development of insulin resistance in 10 year old children. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 361-368.	2.1	43
69	Increased vitamin D levels at birth and in early infancy increase offspring allergy risk – evidence for involvement of epigenetic mechanisms. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 610-613.	1.5	43
70	Growth velocity during infancy and onset of asthma in school-aged children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 257-264.	2.7	42
71	An experimental model for the determination of immunomodulating effects by volatile compounds. <i>Toxicology in Vitro</i> , 2005, 19, 685-693.	1.1	39
72	The cytotoxic effects of the organophosphates chlorpyrifos and diazinon differ from their immunomodulating effects. <i>Journal of Immunotoxicology</i> , 2009, 6, 136-145.	0.9	39

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73	Predictive value of food sensitization and filaggrin mutations in children with eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 1235-1241.e5.	1.5	39
74	Epidemiology of urticaria in infants and young children in Germany – Results from the German LISA plus and GINI plus Birth Cohort Studies. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 36-42.	1.1	39
75	Microvascular Endothelial Cells Differ in Their Basal and Tumour Necrosis Factor- $\alpha$ -Regulated Expression of Adhesion Molecules and Cytokines. <i>Journal of Vascular Research</i> , 2000, 37, 408-416.	0.6	38
76	Patulin influences the expression of Th1/Th2 cytokines by activated peripheral blood mononuclear cells and T cells through depletion of intracellular glutathione. <i>Environmental Toxicology</i> , 2008, 23, 84-95.	2.1	38
77	Early-life house dust mite allergens, childhood mite sensitization, and respiratory outcomes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 820-827.	2.7	38
78	In vitro models for the assessment of inflammatory and immuno-modulatory effects of the volatile organic compound chlorobenzene. <i>Experimental and Toxicologic Pathology</i> , 2008, 60, 185-193.	2.1	37
79	Lifetime-Dependent Effects of Bisphenol A on Asthma Development in an Experimental Mouse Model. <i>PLoS ONE</i> , 2014, 9, e100468.	1.1	37
80	Immunomodulation by mercuric chloride in vitro: application of different cell activation pathways. <i>Clinical and Experimental Immunology</i> , 2007, 148, 325-337.	1.1	35
81	Associations between serum 25-hydroxyvitamin D and bone turnover markers in a population based sample of German children. <i>Scientific Reports</i> , 2016, 5, 18138.	1.6	35
82	Dose-Dependent Modulation of the In Vitro Cytokine Production of Human Immune Competent Cells by Lead Salts. <i>Toxicological Sciences</i> , 2005, 86, 75-83.	1.4	34
83	Combined effects of mycotoxin mixtures on human T cell function. <i>Toxicology Letters</i> , 2007, 170, 124-133.	0.4	34
84	Air pollution and cytokine responsiveness in asthmatic and non-asthmatic children. <i>Environmental Research</i> , 2015, 138, 381-390.	3.7	34
85	Pathway and Time-Resolved Benzo[a]pyrene Toxicity on Hepa1c1c7 Cells at Toxic and Subtoxic Exposure. <i>Journal of Proteome Research</i> , 2015, 14, 164-182.	1.8	34
86	Peracute disseminated fatal <i>Aspergillus fumigatus</i> sepsis as a complication of corticoid-treated systemic lupus erythematosus. <i>Mycoses</i> , 1995, 38, 467-471.	1.8	33
87	Relation between stressful life events, neuropeptides and cytokines: results from the LISA birth cohort study. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 722-729.	1.1	33
88	Atopic dermatitis: Interaction between genetic variants of <i>GSTP1</i> , <i>TNF</i> , and <i>TLR2</i> , and <i>TLR4</i> and air pollution in early life. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 596-605.	1.1	33
89	Chlorinated Benzenes Cause Concomitantly Oxidative Stress and Induction of Apoptotic Markers in Lung Epithelial Cells (A549) at Nonacute Toxic Concentrations. <i>Journal of Proteome Research</i> , 2011, 10, 363-378.	1.8	32
90	The LINA cohort: indoor chemical exposure, circulating eosinophil/basophil ( <i>EoB</i> ) progenitors and early life skin manifestations. <i>Clinical and Experimental Allergy</i> , 2012, 42, 1337-1346.	1.4	32

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91	Well water "one source of Helicobacter pylori colonization. International Journal of Hygiene and Environmental Health, 2004, 207, 363-368.	2.1	31
92	Reduced maternal regulatory T cell numbers and increased T helper type 2 cytokine production are associated with elevated levels of immunoglobulin E in cord blood. Clinical and Experimental Allergy, 2010, 40, 419-426.	1.4	31
93	Prenatal phthalate exposure associates with low regulatory T-cell numbers and atopic dermatitis in early childhood: Results from the LINA mother-child study. Journal of Allergy and Clinical Immunology, 2017, 139, 1376-1379.e8.	1.5	31
94	Sex-specific incidence of asthma, rhinitis and respiratory multimorbidity before and after puberty onset: individual participant meta-analysis of five birth cohorts collaborating in MeDALL. BMJ Open Respiratory Research, 2019, 6, e000460.	1.2	31
95	Association of neuropeptides with Th1/Th2 balance and allergic sensitization in children. Clinical and Experimental Allergy, 2006, 36, 1408-1416.	1.4	30
96	Early maternal perceived stress and children's BMI: longitudinal impact and influencing factors. BMC Public Health, 2018, 18, 1211.	1.2	30
97	Grafting of Fibroblasts Isolated from the Synovial Membrane of Rheumatoid Arthritis (RA) Patients Induces Chronic Arthritis in SCID Mice: A Novel Model for Studying the Arthritogenic Role of RA Fibroblasts In Vivo. Journal of Autoimmunity, 2000, 15, 301-313.	3.0	29
98	Common variants in FCER1A influence total serum IgE levels from cord blood up to six years of life. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1327-1332.	2.7	28
99	Increase of inflammatory markers after indoor renovation activities: The LISA birth cohort study. Pediatric Allergy and Immunology, 2009, 20, 563-570.	1.1	28
100	Transcriptional signatures of regulatory and toxic responses to benzo-[a]-pyrene exposure. BMC Genomics, 2011, 12, 502.	1.2	28
101	Physical activity and its correlates in children: a cross-sectional study (the GINIplus & LISApplus) Tj ETQq1 1 0.784314 rgBJ /Overlo	1.2	26
102	IL-17E but not IL-17A is associated with allergic sensitization: results from the LISA study. Pediatric Allergy and Immunology, 2010, 21, 1086-1090.	1.1	24
103	Early life risk factors of being overweight at 10 years of age: results of the German birth cohorts GINIplus and LISApplus. European Journal of Clinical Nutrition, 2013, 67, 855-862.	1.3	24
104	A framework to interpret passively sampled indoor-air VOC concentrations in health studies. Building and Environment, 2016, 105, 198-209.	3.0	24
105	Identifying Personal DNA Methylation Profiles by Genotype Inference. , 2017, , .		24
106	Residential Air Pollution, Road Traffic, Greenness and Maternal Hypertension: Results from GINIplus and LISApplus. International Journal of Occupational and Environmental Medicine, 2017, 8, 131-142.	4.1	24
107	Association between attendance of day care centres and increased prevalence of eczema in the German birth cohort study LISApplus. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 68-75.	2.7	23
108	Exposure to visible mould or dampness at home and sleep problems in children: Results from the LISApplus study. Environmental Research, 2015, 137, 357-363.	3.7	23



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109	Expression and Regulation of Regulated on Activation, Normal T Cells Expressed and Secreted in Thyroid Tissue of Patients with Gravesâ€™ Disease and Thyroid Autonomy and in Thyroid-Derived Cell Populations<sup>1</sup>. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4758-4764.	1.8	22
110	Association between suppressors of cytokine signalling, Tâ€helper type 1/Tâ€helper type 2 balance and allergic sensitization in children. Clinical and Experimental Allergy, 2008, 38, 438-448.	1.4	22
111	T-2 toxin is a cytochrome P450 1A1 inducer and leads to MAPK/p38- but not aryl hydrocarbon receptor-dependent interleukin-8 secretion in the human intestinal epithelial cell line Caco-2. Toxicology, 2011, 284, 34-41.	2.0	22
112	Regional and socio-economic differences in food, nutrient and supplement intake in school-age children in Germany: results from the GINIplus and the LISAplus studies. Public Health Nutrition, 2011, 14, 1724-1735.	1.1	22
113	Inhibition of endotoxinâ€induced perinatal asthma protection by pollutants in an experimental mouse model. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 481-489.	2.7	22
114	Serum 25(OH)D concentrations and atopic diseases at age 10: results from the GINIplus and LISAplus birth cohort studies. BMC Pediatrics, 2014, 14, 286.	0.7	22
115	Chlorobenzene Induces the NF- $\kappa$ B and p38 MAP Kinase Pathways in Lung Epithelial Cells. Inhalation Toxicology, 2008, 20, 813-820.	0.8	21
116	Are Assumptions about the Model Type Necessary in Reaction-Diffusion Modeling? A FRAP Application. Biophysical Journal, 2011, 100, 1178-1188.	0.2	21
117	Generation of IL-8 and IL-9 Producing CD4+T Cells Is Affected by Th17 Polarizing Conditions and AHR Ligands. Mediators of Inflammation, 2014, 2014, 1-14.	1.4	21
118	Early-onset childhood atopic dermatitis is related to NLRP2 repression. Journal of Allergy and Clinical Immunology, 2018, 141, 1482-1485.e16.	1.5	21
119	Cloning of bovine RANTES mRNA and its expression and regulation in ovaries in the periovulatory period. FEBS Letters, 1999, 463, 160-164.	1.3	20
120	Inflammatory activity in river-water samples. Environmental Toxicology, 2004, 19, 594-602.	2.1	20
121	Endogenous metabolites and inflammasome activity in early childhood and links to respiratory diseases. Journal of Allergy and Clinical Immunology, 2015, 136, 495-497.	1.5	20
122	Dietary Acid Load and Mental Health Outcomes in Children and Adolescents: Results from the GINIplus and LISA Birth Cohort Studies. Nutrients, 2018, 10, 582.	1.7	20
123	GINIplus and LISAplus. Design and selected results of two German birth cohorts about natural course of atopic diseases and its determinants. Allergologie Select, 2017, 1, 85-95.	1.6	20
124	Induction therapy including antithymocyte globulin induces marked alterations in T lymphocyte subpopulations after liver transplantation: results of a long-term study. Transplant International, 2002, 15, 463-471.	0.8	19
125	Proteome changes in human bronchoalveolar cells following styrene exposure indicate involvement of oxidative stress in the molecularâ€response mechanism. Proteomics, 2009, 9, 4920-4933.	1.3	19
126	Renovation activities during pregnancy induce a Th2 shift in fetal but not in maternal immune system. International Journal of Hygiene and Environmental Health, 2013, 216, 309-316.	2.1	19



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127	Neighbourhood greenness and income of occupants in four German areas: GINIplus and LISApplus. <i>Urban Forestry and Urban Greening</i> , 2017, 21, 88-95.	2.3	19
128	Maternal cytokine status may prime the metabolic profile and increase risk of obesity in children. <i>International Journal of Obesity</i> , 2017, 41, 1440-1446.	1.6	19
129	Exposure to second-hand smoke and direct healthcare costs in children – results from two German birth cohorts, GINIplus and LISApplus. <i>BMC Health Services Research</i> , 2012, 12, 344.	0.9	18
130	Benzo[a]pyrene affects Jurkat T cells in the activated state via the antioxidant response element dependent Nrf2 pathway leading to decreased IL-2 secretion and redirecting glutamine metabolism. <i>Toxicology and Applied Pharmacology</i> , 2013, 269, 307-316.	1.3	18
131	Metabolomics reveals effects of maternal smoking on endogenous metabolites from lipid metabolism in cord blood of newborns. <i>Metabolomics</i> , 2016, 12, 76.	1.4	18
132	Leveraging implicit knowledge in neural networks for functional dissection and engineering of proteins. <i>Nature Machine Intelligence</i> , 2019, 1, 225-235.	8.3	18
133	An individual participant data meta-analysis on metabolomics profiles for obesity and insulin resistance in European children. <i>Scientific Reports</i> , 2019, 9, 5053.	1.6	18
134	Different immunophenotype and autoantibody production by peripheral blood and thyroid-derived lymphocytes in patients with Graves' disease. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1996, 104, 50-58.	0.6	17
135	DIGE-Based Protein Expression Analysis of B[a]P-Exposed Hepatoma Cells Reveals a Complex Stress Response Including Alterations in Oxidative Stress, Cell Cycle Control, and Cytoskeleton Motility at Toxic and Subacute Concentrations. <i>Journal of Proteome Research</i> , 2011, 10, 379-393.	1.8	17
136	Food diversity during the first year of life and allergic diseases until 15 years. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1751-1754.e4.	1.5	17
137	Handgrip strength is associated with improved spirometry in adolescents. <i>PLoS ONE</i> , 2018, 13, e0194560.	1.1	17
138	Helicobacter pylori determination in non-municipal drinking water and epidemiological findings. <i>Isotopes in Environmental and Health Studies</i> , 2004, 40, 75-80.	0.5	16
139	The LINA cohort: Cord blood eosinophil/basophil progenitors predict respiratory outcomes in early infancy. <i>Clinical Immunology</i> , 2014, 152, 68-76.	1.4	16
140	Parental allergic disease before and after child birth poses similar risk for childhood allergies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 873-876.	2.7	16
141	Elevated Gestational IL-13 During Fetal Development Is Associated With Hyperactivity and Inattention in Eight-Year-Old Children. <i>Frontiers in Immunology</i> , 2019, 10, 1658.	2.2	16
142	Activated and interferon- $\gamma$ producing thyroid-derived T cells are detected in Graves' disease, thyroid autonomy as well as in non-toxic multinodular goiter. <i>European Journal of Endocrinology</i> , 1996, 135, 60-68.	1.9	15
143	Association of gas cooking with children's respiratory health: results from GINIplus and LISApplus birth cohort studies. <i>Indoor Air</i> , 2012, 22, 476-482.	2.0	15
144	Food Intake and Overweight in School-Aged Children in Germany: Results of the GINIplus and LISApplus Studies. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 60-70.	1.0	15

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