

# 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	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
2	Effects of exposure to single and multiple parabens on asthma development in an experimental mouse model and a prospective cohort study. <i>Science of the Total Environment</i> , 2022, 814, 152676.	3.9	11
3	Age-Related Differences in Structure and Function of Nasal Epithelial Cultures From Healthy Children and Elderly People. <i>Frontiers in Immunology</i> , 2022, 13, 822437.	2.2	5
4	A targetable "rogue" neutrophil-subset, [CD11b+DEspR+] immunotype, is associated with severity and mortality in acute respiratory distress syndrome (ARDS) and COVID-19-ARDS. <i>Scientific Reports</i> , 2022, 12, 5583.	1.6	9
5	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	9.4	129
6	Hyperinflammation as underlying mechanism predisposing patients with cardiovascular diseases for severe COVID-19. <i>European Heart Journal</i> , 2021, 42, 1720-1721.	1.0	8
7	Prenatal paraben exposure and atopic dermatitis-related outcomes among children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3122-3132.	2.7	13
8	Wood emissions and asthma development: Results from an experimental mouse model and a prospective cohort study. <i>Environment International</i> , 2021, 151, 106449.	4.8	7
9	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
10	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
11	Maternal paraben exposure triggers childhood overweight development. <i>Nature Communications</i> , 2020, 11, 561.	5.8	77
12	Membership Inference Against DNA Methylation Databases. , 2020, , .		4
13	Vaccinations and Infections Are Associated With Unrelated Antibody Titers: An Analysis From the German Birth Cohort Study LISA. <i>Frontiers in Pediatrics</i> , 2019, 7, 254.	0.9	3
14	Non-targeted mercapturic acid screening in urine using LC-MS/MS with matrix effect compensation by postcolumn infusion of internal standard (PCI-IS). <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7771-7781.	1.9	12
15	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
16	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
17	Longitudinal trends of serum IgE and IL5RA expression throughout childhood are associated with asthma but not with persistent wheeze. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2002-2006.	2.7	3
18	The Role of Early Life Food Sensitization in Adolescent Lung Function: Results from 2 Birth Cohort Studies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1825-1834.e12.	2.0	4

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19	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
20	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
21	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
22	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. <i>BMJ Open Respiratory Research</i> , 2019, 6, e000460.	1.2	31
23	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
24	Early life home microbiome and hyperactivity/inattention in school-age children. <i>Scientific Reports</i> , 2019, 9, 17355.	1.6	12
25	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
26	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
27	OP I "4...Hyperactivity/inattention symptoms and early life indoor microbial diversity in urban children. , 2018, , .		0
28	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
29	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
30	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
31	Early-onset childhood atopic dermatitis is related to NLRP2 repression. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1482-1485.e16.	1.5	21
32	Early maternal perceived stress and children's BMI: longitudinal impact and influencing factors. <i>BMC Public Health</i> , 2018, 18, 1211.	1.2	30
33	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
34	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
35	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
36	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

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37	Handgrip strength is associated with improved spirometry in adolescents. PLoS ONE, 2018, 13, e0194560.	1.1	17
38	Dissecting Privacy Risks in Biomedical Data. , 2018, , .		11
39	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
40	Environmental grass pollen levels in utero and at birth and cord blood IgE: Analysis of three birth cohorts. Environment International, 2018, 119, 295-301.	4.8	3
41	Hygienic behavior and allergic sensitization in German adolescents. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1915-1918.	2.7	6
42	Stressful life events in childhood and allergic sensitization. Allergologie Select, 2018, 2, 1-9.	1.6	2
43	Neighbourhood greenness and income of occupants in four German areas: GINIplus and LISApplus. Urban Forestry and Urban Greening, 2017, 21, 88-95.	2.3	19
44	Early life travelling does not increase risk of atopic outcomes until 15 years: results from <sc>GINI</sc>plus and <sc>LISA</sc>plus. Clinical and Experimental Allergy, 2017, 47, 395-400.	1.4	2
45	The benzene metabolite 1,4-benzoquinone reduces regulatory T-cell function: A potential mechanism for tobacco smoke-associated atopic dermatitis. Journal of Allergy and Clinical Immunology, 2017, 140, 603-605.	1.5	2
46	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. Journal of Allergy and Clinical Immunology, 2017, 139, 388-399.	1.5	145
47	Maternal cytokine status may prime the metabolic profile and increase risk of obesity in children. International Journal of Obesity, 2017, 41, 1440-1446.	1.6	19
48	Higher serum 25(OH)D concentrations are associated with improved FEV <sub>1</sub> and FVC in adolescence. European Respiratory Journal, 2017, 49, 1601804.	3.1	12
49	Associations between fatty acids and low-grade inflammation in children from the LISApplus birth cohort study. European Journal of Clinical Nutrition, 2017, 71, 1303-1311.	1.3	15
50	Association of Atopic Dermatitis with Cardiovascular Risk Factors and Diseases. Journal of Investigative Dermatology, 2017, 137, 1074-1081.	0.3	73
51	From the exposome to mechanistic understanding of chemical-induced adverse effects. Environment International, 2017, 99, 97-106.	4.8	146
52	Food diversity during the first year of life and allergic diseases until 15 years. Journal of Allergy and Clinical Immunology, 2017, 140, 1751-1754.e4.	1.5	17
53	Identifying Personal DNA Methylation Profiles by Genotype Inference. , 2017, , .		24
54	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

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55	Prices of over-the-counter drugs used by 15-year-old adolescents in Germany and their association with socioeconomic background. <i>BMC Public Health</i> , 2017, 17, 904.	1.2	2
56	Residential Air Pollution, Road Traffic, Greenness and Maternal Hypertension: Results from GINIplus and LISApplus. <i>International Journal of Occupational and Environmental Medicine</i> , 2017, 8, 131-142.	4.1	24
57	GINIplus and LISApplus. Design and selected results of two German birth cohorts about natural course of atopic diseases and its determinants. <i>Allergologie Select</i> , 2017, 1, 85-95.	1.6	20
58	The LINA Study: Higher Sensitivity of Infant Compared to Maternal Eosinophil/Basophil Progenitors to Indoor Chemical Exposures. <i>Journal of Environmental and Public Health</i> , 2016, 2016, 1-10.	0.4	5
59	Environment-induced epigenetic reprogramming in genomic regulatory elements in smoking mothers and their children. <i>Molecular Systems Biology</i> , 2016, 12, 861.	3.2	97
60	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
61	A framework to interpret passively sampled indoor-air VOC concentrations in health studies. <i>Building and Environment</i> , 2016, 105, 198-209.	3.0	24
62	Paving the way of systems biology and precision medicine in allergic diseases: the MeDALL success story. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1513-1525.	2.7	77
63	Prenatal maternal stress and wheeze in children: novel insights into epigenetic regulation. <i>Scientific Reports</i> , 2016, 6, 28616.	1.6	55
64	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
65	Tobacco smoking differently influences cell types of the innate and adaptive immune system—indications from CpG site methylation. <i>Clinical Epigenetics</i> , 2016, 8, 83.	1.8	73
66	Prospective associations of meat consumption during childhood with measures of body composition during adolescence: results from the GINIplus and LISApplus birth cohorts. <i>Nutrition Journal</i> , 2016, 15, 101.	1.5	11
67	A longitudinal comparison of drug use among 10-year-old children and 15-year-old adolescents from the German GINIplus and LISApplus birth cohorts. <i>European Journal of Clinical Pharmacology</i> , 2016, 72, 301-310.	0.8	4
68	Long-term indoor VOC concentrations assessment a trend analysis of distribution, disposition, and personal exposure in cohort study samples. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 941-950.	1.5	3
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	Complementary and Alternative Medicine Use Among Chronically Ill Adolescents from 2 German Birth Cohorts. <i>Research in Complementary Medicine</i> , 2016, 23, 246-252.	2.2	6
71	Monitoring of drug intake during pregnancy by questionnaires and LC-MS/MS drug urine screening: evaluation of both monitoring methods. <i>Drug Testing and Analysis</i> , 2015, 7, 695-702.	1.6	14
72	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

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73	Early-life house dust mite allergens, childhood mite sensitization, and respiratory outcomes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1189-1191.	2.7	3
74	Air pollution and cytokine responsiveness in asthmatic and non-asthmatic children. <i>Environmental Research</i> , 2015, 138, 381-390.	3.7	34
75	8 Metal Ions Affecting the Immune System. , 2015, , 157-186.		1
76	Pathway and Time-Resolved Benzo[ <i>a</i> ]pyrene Toxicity on Hepa1c1c7 Cells at Toxic and Subtoxic Exposure. <i>Journal of Proteome Research</i> , 2015, 14, 164-182.	1.8	34
77	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
78	Exposure to visible mould or dampness at home and sleep problems in children: Results from the LISApplus study. <i>Environmental Research</i> , 2015, 137, 357-363.	3.7	23
79	Sleeping on animal fur is related to asthma outcomes in later childhood. <i>European Respiratory Journal</i> , 2015, 46, 107-114.	3.1	7
80	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
81	Live cell imaging of the intracellular compartmentalization of the contaminate benzo[ <i>a</i> ]pyrene. <i>Journal of Biophotonics</i> , 2015, 8, 361-371.	1.1	13
82	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
83	The association between physical activity and healthcare costs in children – results from the GINIplus and LISApplus cohort studies. <i>BMC Public Health</i> , 2015, 15, 437.	1.2	13
84	Endogenous metabolites and inflammasome activity in early childhood and links to respiratory diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 495-497.	1.5	20
85	Lifetime-Dependent Effects of Bisphenol A on Asthma Development in an Experimental Mouse Model. <i>PLoS ONE</i> , 2014, 9, e100468.	1.1	37
86	Prenatal VOC exposure and redecoration are related to wheezing in early infancy. <i>Environment International</i> , 2014, 73, 393-401.	4.8	54
87	Serum 25(OH)D concentrations and atopic diseases at age 10: results from the GINIplus and LISApplus birth cohort studies. <i>BMC Pediatrics</i> , 2014, 14, 286.	0.7	22
88	Generation of IL-8 and IL-9 Producing CD4+T Cells Is Affected by Th17 Polarizing Conditions and AHR Ligands. <i>Mediators of Inflammation</i> , 2014, 2014, 1-14.	1.4	21
89	Epidemiology of urticaria in infants and young children in Germany – Results from the German LISAplus and GINIplus Birth Cohort Studies. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 36-42.	1.1	39
90	Peer problems are associated with elevated serum leptin levels in children. <i>Psychological Medicine</i> , 2014, 44, 255-265.	2.7	11

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91	Food Intake and Overweight in School-Aged Children in Germany: Results of the GINIplus and LISAplus Studies. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 60-70.	1.0	15
92	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
93	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
94	Cesarean Delivery and Risk of Childhood Obesity. <i>Journal of Pediatrics</i> , 2014, 164, 1068-1073.e2.	0.9	78
95	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
96	Physical activity and its correlates in children: a cross-sectional study (the GINIplus & LISAplus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	26
97	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
98	No cross-sectional and longitudinal association of ferritin and symptoms of attention-deficit-/hyperactivity disorder in a large population-based sample of children: results from the GINIplus and LISAplus studies. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2013, 5, 313-320.	1.7	12
99	Parameter Importance in FRAP Acquisition and Analysis: A Simulation Approach. <i>Biophysical Journal</i> , 2013, 104, 2089-2097.	0.2	11
100	Indoor factors and behavioural problems in children: The GINIplus and LISAplus birth cohort studies. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 146-154.	2.1	12
101	Renovation activities during pregnancy induce a Th2 shift in fetal but not in maternal immune system. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 309-316.	2.1	19
102	Hypermutation of the Inactive X Chromosome Is a Frequent Event in Cancer. <i>Cell</i> , 2013, 155, 567-581.	13.5	67
103	Healthcare use and costs associated with children's behavior problems. <i>European Child and Adolescent Psychiatry</i> , 2013, 23, 701-14.	2.8	9
104	Residential mobility and behavioural problems in children: results from the GINIplus and LISAplus studies. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2013, 21, 39-48.	0.8	8
105	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
106	Can vitamin D intake during pregnancy affect the risk of allergy in children?. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 699-701.	1.3	3
107	Inhibition of endotoxin-induced perinatal asthma protection by pollutants in an experimental mouse model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 481-489.	2.7	22
108	Vitamin D in early life: good or bad for food allergies?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 1081-1083.	2.7	3

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109	Association of atopic and non-atopic asthma with emotional symptoms in school children. <i>Pediatric Allergy and Immunology</i> , 2013, 24, 230-236.	1.1	13
110	Early life risk factors of being overweight at 10 years of age: results of the German birth cohorts GINIplus and LISApplus. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 855-862.	1.3	24
111	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
112	A longitudinal analysis of associations between traffic-related air pollution with asthma, allergies and sensitization in the GINIplus and LISApplus birth cohorts. <i>PeerJ</i> , 2013, 1, e193.	0.9	62
113	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
114	The LINA cohort: indoor chemical exposure, circulating eosinophil/basophil (<math>E/B</math>) progenitors and early life skin manifestations. <i>Clinical and Experimental Allergy</i> , 2012, 42, 1337-1346.	1.4	32
115	The Hygiene Hypothesis Does Not Apply to Atopic Eczema in Childhood. <i>Chemical Immunology and Allergy</i> , 2012, 96, 15-23.	1.7	12
116	Utilization and costs of conventional and alternative pharmaceuticals in children: results from the German GINIplus and LISApplus birth cohort studies. <i>Pharmacoepidemiology and Drug Safety</i> , 2012, 21, 1102-1111.	0.9	11
117	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
118	Genetic association between obstructive bronchitis and enzymes of oxidative stress. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1771-1779.	1.5	9
119	Volatile Organic Compounds Enhance Allergic Airway Inflammation in an Experimental Mouse Model. <i>PLoS ONE</i> , 2012, 7, e39817.	1.1	60
120	<math>FADS</math> gene cluster modulates the effect of breastfeeding on asthma. Results from the GINIplus and LISApplus studies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 83-90.	2.7	57
121	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
122	Cord blood <math>T</math>regs with stable <math>FOXP3</math> 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
123	Cord blood immune status: predicting health or allergy?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 445-448.	2.7	7
124	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
125	GINIplus und LISApplus. Design und ausgewählte Ergebnisse zweier deutscher Geburtskohorten zum natürlichen Verlauf atopischer Erkrankungen sowie deren Determinanten. <i>Allergologie</i> , 2012, 35, 20-31.	0.1	3
126	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



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127	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
128	Are Assumptions about the Model Type Necessary in Reaction-Diffusion Modeling? A FRAP Application. <i>Biophysical Journal</i> , 2011, 100, 1178-1188.	0.2	21
129	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
130	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
131	An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor. <i>Nature</i> , 2011, 478, 197-203.	13.7	1,514
132	Association between attendance of day care centres and increased prevalence of eczema in the German birth cohort study LISApplus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 68-75.	2.7	23
133	Infant eczema, infant sleeping problems, and mental health at 10 years of age: the prospective birth cohort study LISApplus. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 404-411.	2.7	111
134	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
135	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
136	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
137	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
138	Transcriptional signatures of regulatory and toxic responses to benzo-[a]-pyrene exposure. <i>BMC Genomics</i> , 2011, 12, 502.	1.2	28
139	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. <i>Toxicology</i> , 2011, 284, 34-41.	2.0	22
140	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
141	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
142	Regional and socio-economic differences in food, nutrient and supplement intake in school-age children in Germany: results from the GINIplus and the LISApplus studies. <i>Public Health Nutrition</i> , 2011, 14, 1724-1735.	1.1	22
143	Chlorobenzene induces oxidative stress in human lung epithelial cells in vitro. <i>Toxicology and Applied Pharmacology</i> , 2010, 242, 100-108.	1.3	51
144	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

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145	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. <i>Clinical and Experimental Allergy</i> , 2010, 40, 419-426.	1.4	31
146	Reduced IFN $\gamma$ and enhanced IL-4-producing CD4 <sup>+</sup> cord blood T cells are associated with a higher risk for atopic dermatitis during the first 2 $\frac{1}{2}$ yr of life. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 5-13.	1.1	77
147	IL-17E but not IL-17A is associated with allergic sensitization: results from the LISA study. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 1086-1090.	1.1	24
148	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
149	8. Metal Ions Affecting the Immune System. <i>Metal Ions in Life Sciences</i> , 2010, , 157-185.	1.0	14
150	Elder siblings enhance the effect of filaggrin mutations on childhood eczema: Results from the 2 birth cohort studies LISApplus and GINIpplus. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1254-1260.e5.	1.5	44
151	Proteome changes in human bronchoalveolar cells following styrene exposure indicate involvement of oxidative stress in the molecular response mechanism. <i>Proteomics</i> , 2009, 9, 4920-4933.	1.3	19
152	Common variants in FCER1A influence total serum IgE levels from cord blood up to six years of life. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 1327-1332.	2.7	28
153	Increase of inflammatory markers after indoor renovation activities: The LISA birth cohort study. <i>Pediatric Allergy and Immunology</i> , 2009, 20, 563-570.	1.1	28
154	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
155	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
156	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
157	Association between suppressors of cytokine signalling, Th-helper type 1/Th-helper type 2 balance and allergic sensitization in children. <i>Clinical and Experimental Allergy</i> , 2008, 38, 438-448.	1.4	22
158	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
159	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
160	The Source Matters: No Impact of the CCL2/MCP-1-1-2518G Polymorphism of the Donor on Renal Allograft Outcome During the First Year After Transplantation. <i>Transplantation Proceedings</i> , 2008, 40, 3359-3361.	0.3	3
161	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
162	Chlorobenzene Induces the NF- $\kappa$ B and p38 MAP Kinase Pathways in Lung Epithelial Cells. <i>Inhalation Toxicology</i> , 2008, 20, 813-820.	0.8	21

#	ARTICLE	IF	CITATIONS
163	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
164	The stress of relocation and neuropeptides: An epidemiological study in children. <i>Journal of Psychosomatic Research</i> , 2007, 63, 451-452.	1.2	3
165	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
166	Combined effects of mycotoxin mixtures on human T cell function. <i>Toxicology Letters</i> , 2007, 170, 124-133.	0.4	34
167	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
168	Association of neuropeptides with Th1/Th2 balance and allergic sensitization in children. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1408-1416.	1.4	30
169	The in vitro immune modulation by cadmium depends on the way of cell activation. <i>Toxicology</i> , 2006, 222, 37-45.	2.0	62
170	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
171	An experimental model for the determination of immunomodulating effects by volatile compounds. <i>Toxicology in Vitro</i> , 2005, 19, 685-693.	1.1	39
172	<i>Helicobacter pylori</i> determination in non-municipal drinking water and epidemiological findings. <i>Isotopes in Environmental and Health Studies</i> , 2004, 40, 75-80.	0.5	16
173	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
174	Inflammatory activity in river-water samples. <i>Environmental Toxicology</i> , 2004, 19, 594-602.	2.1	20
175	Immunological evaluation of the new stable ultrasound contrast agent LK565: a phase one clinical trial. <i>Cardiovascular Ultrasound</i> , 2004, 2, 16.	0.5	2
176	Determination of Ochratoxin A in small volumes of human blood serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 804, 313-317.	1.2	13
177	Well water "one source of <i>Helicobacter pylori</i> colonization". <i>International Journal of Hygiene and Environmental Health</i> , 2004, 207, 363-368.	2.1	31
178	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
179	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
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	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
183	Analysis of T-Cell Receptor V-Beta 2 in Peripheral Blood Lymphocytes as a Diagnostic Marker for Kawasaki Disease. <i>Infection</i> , 2002, 30, 360-364.	2.3	13
184	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
185	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
186	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
187	Induction therapy including antithymocyte globulin induces marked alterations in T lymphocyte subpopulations after liver transplantation: results of a long-term study. <i>Transplant International</i> , 2002, 15, 463-471.	0.8	19
188	Induction therapy including antithymocyte globulin induces marked alterations in T lymphocyte subpopulations after liver transplantation: results of a long-term study. <i>Transplant International</i> , 2002, 15, 463-71.	0.8	7
189	Anti-CD4-induced long-term acceptance of rat liver allografts in a high-responder model is not based on pure immunosuppression. <i>Transplantation Proceedings</i> , 2001, 33, 2173-2175.	0.3	2
190	The monoclonal anti-CD4 antibody RIB5/2 induces donor-specific tolerance in the high-responder liver transplant model in the rat. <i>Transplantation Proceedings</i> , 2001, 33, 2371-2373.	0.3	3
191	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
192	Expression and Regulation of Regulated on Activation, Normal T Cells Expressed and Secreted in Thyroid Tissue of Patients with Graves' Disease and Thyroid Autonomy and in Thyroid-Derived Cell Populations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4758-4764.	1.8	22
193	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
194	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. <i>Journal of Autoimmunity</i> , 2000, 15, 301-313.	3.0	29
195	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
196	Cloning of bovine RANTES mRNA and its expression and regulation in ovaries in the periovulatory period. <i>FEBS Letters</i> , 1999, 463, 160-164.	1.3	20
197	Effect of $\beta$ -interferon on binding of gliadin and other food peptides to the human intestinal cell line HT-29. <i>Clinica Chimica Acta</i> , 1997, 261, 69-80.	0.5	5
198	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

#	ARTICLE	IF	CITATIONS
199	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
200	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
201	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
202	Effect of gliadin and other food peptides on expression of MHC class II molecules by HT-29 cells. <i>Gut</i> , 1995, 36, 548-552.	6.1	10