Roger Lauener

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6421113/publications.pdf

Version: 2024-02-01

122	11,263	31976	29157
papers	citations	53 h-index	104 g-index

130	130	130	10219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inverse associations between food diversity in the second year of life and allergic diseases. Annals of Allergy, Asthma and Immunology, 2022, 128, 39-45.	1.0	13
2	Bifidobacterium Species Colonization in Infancy: A Global Cross-Sectional Comparison by Population History of Breastfeeding. Nutrients, 2022, 14, 1423.	4.1	17
3	Immune Responsiveness to LPS Determines Risk of Childhood Wheeze and Asthma in 17q21 Risk Allele Carriers. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 641-650.	5.6	13
4	Excessive Unbalanced Meat Consumption in the First Year of Life Increases Asthma Risk in the PASTURE and LUKAS2 Birth Cohorts. Frontiers in Immunology, 2021, 12, 651709.	4.8	7
5	Maturation of the gut microbiome during the first year of life contributes to the protective farm effect on childhood asthma. Nature Medicine, 2020, 26, 1766-1775.	30.7	202
6	Exposure of Children to Rural Lifestyle Factors Associated With Protection Against Allergies Induces an Anti-Neu5Gc Antibody Response. Frontiers in Immunology, 2019, 10, 1628.	4.8	11
7	Parents know it best: Prediction of asthma and lung function by parental perception of early wheezing episodes. Pediatric Allergy and Immunology, 2019, 30, 795-802.	2.6	7
8	TNF-Î±â€“induced protein 3 is a key player in childhood asthma development and environment-mediated protection. Journal of Allergy and Clinical Immunology, 2019, 144, 1684-1696.e12.	2.9	40
9	Farm-like indoor microbiota in non-farm homes protects children from asthma development. Nature Medicine, 2019, 25, 1089-1095.	30.7	219
10	Association between antibiotic treatment during pregnancy and infancy and the development of allergic diseases. Pediatric Allergy and Immunology, 2019, 30, 423-433.	2.6	68
11	The protective effect of cheese consumption at 18Âmonths on allergic diseases in the first 6Âyears. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 788-798.	5.7	31
12	High levels of butyrate and propionate in early life are associated with protection against atopy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 799-809.	5.7	327
13	Continuing medical education activities for improved management of allergy patients. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1351-1353.	5.7	0
14	Exposure to nonmicrobial N-glycolylneuraminic acid protects farmers' children against airway inflammation and colitis. Journal of Allergy and Clinical Immunology, 2018, 141, 382-390.e7.	2.9	44
15	Functional phenotypes determined by fluctuation-based clustering of lung function measurements in healthy and asthmatic cohort participants. Thorax, 2018, 73, 107-115.	5.6	15
16	Protective effects of breastfeeding on respiratory symptoms in infants with 17q21 asthma risk variants. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2388-2392.	5.7	17
17	The role of environmental factors in allergy: A critical reappraisal. Experimental Dermatology, 2018, 27, 1193-1200.	2.9	60
18	Prevalence of Anti-infliximab Antibodies and Their Associated Co-factors in Children with Refractory Arthritis and/or Uveitis: A Retrospective Longitudinal Cohort Study. Journal of Rheumatology, 2017, 44, 334-341.	2.0	11

#	Article	IF	Citations
19	Skin prick tests and specific IgE in 10â€yearâ€old children: Agreement and association with allergic diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1365-1373.	5.7	28
20	Clinical phenotypes and endophenotypes of atopic dermatitis: Where are we, and where should we go?. Journal of Allergy and Clinical Immunology, 2017, 139, S58-S64.	2.9	229
21	Histamine receptor 2 modifies iNKT cell activity within the inflamed lung. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1925-1935.	5.7	37
22	Asthmatic farm children show increased CD3+CD8low T-cells compared to non-asthmatic farm children. Clinical Immunology, 2017, 183, 285-292.	3.2	3
23	Latent class analysis reveals clinically relevant atopy phenotypes in 2 birth cohorts. Journal of Allergy and Clinical Immunology, 2017, 139, 1935-1945.e12.	2.9	76
24	A switch in regulatory T cells through farm exposure during immune maturation in childhood. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 604-615.	5.7	46
25	Enhanced T helper 1 and 2 cytokine responses at birth associate with lower risk of middle ear infections in infancy. Pediatric Allergy and Immunology, 2017, 28, 53-59.	2.6	5
26	Lung function improvement and airways inflammation reduction in asthmatic children after a rehabilitation program at moderate altitude. Pediatric Allergy and Immunology, 2017, 28, 768-775.	2.6	24
27	<scp>IL</scp>â€33 polymorphisms are associated with increased risk of hay fever and reduced regulatory T cells in a birth cohort. Pediatric Allergy and Immunology, 2016, 27, 687-695.	2.6	31
28	Oral immunotherapy with low allergenic hydrolysed egg in egg allergic children. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1575-1584.	5.7	40
29	Cellular and molecular immunologic mechanisms in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2016, 138, 336-349.	2.9	465
30	Feasibility of nitrogen multiple-breath washout in inexperienced children younger than 7 years. Pediatric Pulmonology, 2016, 51, 1183-1190.	2.0	21
31	Global Allergy Forum and 3rd Davos Declaration 2015. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 588-592.	5.7	47
32	Ï‰-3 fatty acids contribute to the asthma-protective effect of unprocessed cow's milk. Journal of Allergy and Clinical Immunology, 2016, 137, 1699-1706.e13.	2.9	90
33	The Early Development of Wheeze. Environmental Determinants and Genetic Susceptibility at 17q21. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 889-897.	5.6	130
34	The Hygiene Hypothesis. , 2016, , 77-96.		4
35	Hypersensitivity reactions to carboplatin in children with low-grade gliomas. Journal of Pediatric Neurology, 2015, 02, 153-157.	0.2	0
36	Consumption of unprocessed cow's milk protects infants from common respiratory infections. Journal of Allergy and Clinical Immunology, 2015, 135, 56-62.e2.	2.9	96

#	Article	IF	Citations
37	High level of fecal calprotectin at age 2Âmonths as a marker of intestinal inflammation predicts atopic dermatitis and asthma by age 6. Clinical and Experimental Allergy, 2015, 45, 928-939.	2.9	69
38	LATE-BREAKING ABSTRACT: Chr17q21 modifies environmental effects on respiratory infections in infancy and effects on asthma. , 2015, , .		1
39	Clinical and Epidemiologic Phenotypes of Childhood Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 129-138.	5.6	159
40	Soluble immunoglobulin <scp>A</scp> in breast milk is inversely associated with atopic dermatitis at early age: the <scp>PASTURE</scp> cohort study. Clinical and Experimental Allergy, 2014, 44, 102-112.	2.9	64
41	Serum vitamin E concentrations at 1Âyear and risk of atopy, atopic dermatitis, wheezing, and asthma in childhood: the <scp>PASTURE</scp> study. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 87-94.	5.7	23
42	Infliximab in Pediatric Rheumatology Patients: A Retrospective Analysis of Infusion Reactions and Severe Adverse Events During 2246 Infusions over 12 Years. Journal of Rheumatology, 2014, 41, 1409-1415.	2.0	17
43	Increased regulatory T-cell numbers are associated with farm milk exposure and lower atopic sensitization and asthma in childhood. Journal of Allergy and Clinical Immunology, 2014, 133, 551-559.e10.	2.9	176
44	Increased food diversity in the first year of life is inversely associated with allergic diseases. Journal of Allergy and Clinical Immunology, 2014, 133, 1056-1064.e7.	2.9	237
45	Immunoglobulin <scp>A</scp> and immunoglobulin <scp>G</scp> antibodies against Î²â€‰lactoglobulin and gliadin at age 1 associate with immunoglobulin <scp>E</scp> sensitization at age 6. Pediatric Allergy and Immunology, 2014, 25, 329-337.	2.6	17
46	Histamine receptor 2 is a key influence in immune responses to intestinal histamine-secreting microbes. Journal of Allergy and Clinical Immunology, 2014, 134, 744-746.e3.	2.9	62
47	Regulatory T cells and immune regulation of allergic diseases: roles of IL-10 and TGF-Î². Genes and Immunity, 2014, 15, 511-520.	4.1	264
48	P01 â€•Sensitisation pattern to inhalant allergens in Armenian children. Clinical and Translational Allergy, 2014, 4, P56.	3.2	0
49	Expression of Genes Related to Anti-Inflammatory Pathways Are Modified Among Farmersâ€™ Children. PLoS ONE, 2014, 9, e91097.	2.5	40
50	Atopic sensitization in the first year of life. Journal of Allergy and Clinical Immunology, 2013, 131, 781-788.e9.	2.9	49
51	Histamine receptor 2 modifies dendritic cell responses to microbial ligands. Journal of Allergy and Clinical Immunology, 2013, 132, 194-204.e12.	2.9	102
52	Mechanisms of peripheral tolerance to allergens. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 161-170.	5.7	111
53	Farm exposure and time trends in early childhood may influence <scp>DNA</scp> methylation in genes related to asthma and allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 355-364.	5.7	141
54	Pimecrolimus, a topical calcineurin inhibitor used in the treatment of atopic eczema. Expert Opinion on Drug Metabolism and Toxicology, 2013, 9, 1507-1516.	3.3	6

#	Article	IF	Citations
55	Inflammatory response and IgE sensitization at early age. Pediatric Allergy and Immunology, 2013, 24, 395-401.	2.6	16
56	Immunomodulation by Bifidobacterium infantis 35624 in the Murine Lamina Propria Requires Retinoic Acid-Dependent and Independent Mechanisms. PLoS ONE, 2013, 8, e62617.	2.5	76
57	Chronic Relapsing Urticaria Confined to Injection Sites of Upper Arms. Pediatric Dermatology, 2012, 29, 663-665.	0.9	2
58	Research needs in allergy: an EAACI position paper, in collaboration with EFA. Clinical and Translational Allergy, 2012, 2, 21.	3.2	127
59	Development of atopic dermatitis according to age of onset and association with early-life exposures. Journal of Allergy and Clinical Immunology, 2012, 130, 130-136.e5.	2.9	116
60	Prenatal and early-life exposures alter expression of innate immunity genes: The PASTURE cohort study. Journal of Allergy and Clinical Immunology, 2012, 130, 523-530.e9.	2.9	87
61	Microbiota and dietary interactions â€“ an update to the hygiene hypothesis?. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 451-461.	5.7	105
62	Inpatient paediatric rehabilitation in chronic respiratory disorders. Paediatric Respiratory Reviews, 2012, 13, 123-129.	1.8	17
63	Exposure to microbial agents in house dust and wheezing, atopic dermatitis and atopic sensitization in early childhood: a birth cohort study in rural areas. Clinical and Experimental Allergy, 2012, 42, 1246-1256.	2.9	58
64	Healthâ€related quality of life does not explain the protective effect of farming on allergies. Pediatric Allergy and Immunology, 2012, 23, 519-521.	2.6	6
65	Few associations between highâ€sensitivity Câ€reactive protein and environmental factors in 4.5â€yearâ€old children. Pediatric Allergy and Immunology, 2012, 23, 522-528.	2.6	13
66	RehabilitationsmaÃŸnahme bei Mukoviszidose. Atemwegs- Und Lungenkrankheiten, 2012, 38, 306-310.	0.0	0
67	Prenatal animal contact and gene expression of innate immunity receptors at birth are associated with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2011, 127, 179-185.e1.	2.9	152
68	A comprehensive analysis of the COL29A1 gene does not support a role in eczema. Journal of Allergy and Clinical Immunology, 2011, 127, 1187-1194.e7.	2.9	15
69	The protective effect of farm milk consumption on childhood asthma and atopy: The GABRIELA study. Journal of Allergy and Clinical Immunology, 2011, 128, 766-773.e4.	2.9	244
70	A yellowâ€brown plaque on the scalp. Journal of Paediatrics and Child Health, 2011, 47, 571-571.	0.8	0
71	Acquired nonscarring diffuse hair loss in a 3-year-old girl. European Journal of Pediatrics, 2011, 170, 127-128.	2.7	0
72	A boy with a one-sided red rash. European Journal of Pediatrics, 2011, 170, 539-540.	2.7	3

#	Article	IF	Citations
73	Analytical performance of a multiplexed, bead-based cytokine detection system in small volume samples. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1691-3.	2.3	16
74	Maternal vitamin D intake during pregnancy increases gene expression of ILT3 and ILT4 in cord blood. Clinical and Experimental Allergy, 2010, 40, 786-794.	2.9	53
75	CRIMâ€negative infantile Pompe disease: 42â€month treatment outcome. Journal of Inherited Metabolic Disease, 2010, 33, 751-757.	3.6	79
76	Central flaring of eyebrow. American Journal of Medical Genetics, Part A, 2010, 152A, 1600-1600.	1.2	0
77	Possible inâ€cabin exposure to cat allergen: a 2010 airline survey on live animal transport and a review of literature. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 1496-1498.	5.7	2
78	Deodorant Spray: A Newly Identified Cause of Cold Burn. Pediatrics, 2010, 126, e716-e718.	2.1	14
79	Cord blood cytokines are modulated by maternal farming activities and consumption of farm dairy products during pregnancy: The PASTURE Study. Journal of Allergy and Clinical Immunology, 2010, 125, 108-115.e3.	2.9	157
80	MHC Class II Molecules Enhance Toll-Like Receptor Mediated Innate Immune Responses. PLoS ONE, 2010, 5, e8808.	2.5	65
81	The ImmunoCAP^{Â®} Rapid Wheeze/Rhinitis Child test is useful in the initial allergy diagnosis of children with respiratory symptoms. Pediatric Allergy and Immunology, 2009, 20, 772-779.	2.6	15
82	An IgE-associated polymorphism in STAT6 alters NF-ÎºB binding, STAT6 promoter activity, and mRNA expression. Journal of Allergy and Clinical Immunology, 2009, 124, 583-589.e6.	2.9	30
83	Gene expression measurements in the context of epidemiological studies. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1633-1636.	5.7	8
84	Specific IgE to allergens in cord blood is associated with maternal immunity to Toxoplasma gondii and rubella virus. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1505-1511.	5.7	16
85	New visions for basic research and primary prevention of pediatric allergy: An iPAC summary and future trends. Pediatric Allergy and Immunology, 2008, 19, 4-16.	2.6	20
86	Prenatal exposure to a farm environment modifies atopic sensitization at birth. Journal of Allergy and Clinical Immunology, 2008, 122, 407-412.e4.	2.9	165
87	Cord blood allergen-specific IgE is associated with reduced IFN-Î³ production by cord blood cells: The Protection against Allergyâ€”Study in Rural Environments (PASTURE) study. Journal of Allergy and Clinical Immunology, 2008, 122, 711-716.	2.9	84
88	Validation of a questionnaire to assess dietary habits among 5â€“13â€year old school children of farmers and anthroposophic families. Journal of Nutritional and Environmental Medicine, 2008, 17, 157-168.	0.1	4
89	The protective effect of farm animal exposure on childhood allergy is modified by NPSR1 polymorphisms. Journal of Medical Genetics, 2008, 46, 159-167.	3.2	30
90	Biological and genetic interaction between Tenascin C and Neuropeptide S receptor 1 in allergic diseases. Human Molecular Genetics, 2008, 17, 1673-1682.	2.9	28

#	Article	IF	Citations
91	Not all farming environments protect against the development of asthma and wheeze in children. Journal of Allergy and Clinical Immunology, 2007, 119, 1140-1147.	2.9	252
92	A polymorphism in CD14 modifies the effect of farm milk consumption on allergic diseases and CD14 gene expression. Journal of Allergy and Clinical Immunology, 2007, 120, 1308-1315.	2.9	93
93	Environmental determinants of atopic eczema phenotypes in relation to asthma and atopic sensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 1387-1393.	5.7	25
94	Inverse association of farm milk consumption with asthma and allergy in rural and suburban populations across Europe. Clinical and Experimental Allergy, 2007, 37, 661-670.	2.9	223
95	Allergic disease and sensitization in Steiner school children. Journal of Allergy and Clinical Immunology, 2006, 117, 59-66.	2.9	181
96	Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children. Journal of Allergy and Clinical Immunology, 2006, 117, 817-823.	2.9	413
97	The many faces of the hygiene hypothesis. Journal of Allergy and Clinical Immunology, 2006, 117, 969-977.	2.9	348
98	Prenatal initiation of endotoxin airway exposure prevents subsequent allergen-induced sensitization and airway inflammation in mice. Journal of Allergy and Clinical Immunology, 2006, 118, 666-673.	2.9	99
99	Bacterial and fungal components in house dust of farm children, Rudolf Steiner school children and reference children - the PARSIFAL Study. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 611-618.	5.7	111
100	Haplotypes of G Proteinâ€“coupled Receptor 154 Are Associated with Childhood Allergy and Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1089-1095.	5.6	111
101	Why Old McDonald had a farm but no allergies: genes, environments, and the hygiene hypothesis. Journal of Leukocyte Biology, 2004, 75, 383-387.	3.3	27
102	Chemokine Secretion of Rheumatoid Arthritis Synovial Fibroblasts Stimulated by Toll-Like Receptor 2 Ligands. Journal of Immunology, 2004, 172, 1256-1265.	0.8	253
103	Disseminated Fusarium oxysporum Infection in Hemophagocytic Lymphohistiocytosis. Infection, 2004, 32, 364-366.	4.7	19
104	Pattern recognition receptors and their involvement in the pathogenesis of arthritis. Current Opinion in Rheumatology, 2004, 16, 411-418.	4.3	26
105	Inhibition of Tâ€„helperâ€„2-type responses, IgE production and eosinophilia by synthetic lipopeptides. European Journal of Immunology, 2003, 33, 2717-2726.	2.9	106
106	Bacterial peptidoglycans but not CpG oligodeoxynucleotides activate synovial fibroblasts by tollâ€like receptor signaling. Arthritis and Rheumatism, 2003, 48, 642-650.	6.7	182
107	Farming and protective agents against allergy and asthma. Clinical and Experimental Allergy, 2003, 33, 409-411.	2.9	35
108	La prÃ©vention primaire des allergies. Revue Francaise D'allergologie Et D'immunologie Clinique, 2003, 43, 423-426.	0.1	0

#	Article	IF	Citations
109	Primary prevention of allergies. Revue Francaise D'allergologie Et D'immunologie Clinique, 2003, 43, 423-426.	0.1	3
110	Expression and Regulation of Toll-Like Receptor 2 in Rheumatoid Arthritis Synovium. American Journal of Pathology, 2003, 162, 1221-1227.	3.8	260
111	The dual role of LBP and CD14 in response to Gram-negative bacteria or Gram-negative compounds. Journal of Endotoxin Research, 2003, 9, 381-384.	2.5	21
112	Endotoxin and Asthma. New England Journal of Medicine, 2003, 348, 171-174.	27.0	8
113	Elevated nitrite in breath condensates of children with respiratory disease. European Respiratory Journal, 2002, 19, 487-491.	6.7	104
114	Environmental Exposure to Endotoxin and Its Relation to Asthma in School-Age Children. New England Journal of Medicine, 2002, 347, 869-877.	27.0	1,648
115	Expression of CD14 and Toll-like receptor 2 in farmers' and nonfarmers' children. Lancet, The, 2002, 360, 465-466.	13.7	285
116	Human Toll-like receptor 2 mediates induction of the antimicrobial peptide human beta-defensin 2 in response to bacterial lipoprotein. European Journal of Immunology, 2001, 31, 3131-3137.	2.9	153
117	Expression of MHC classâ€„II molecules contributes to lipopolysaccharide responsiveness. European Journal of Immunology, 2000, 30, 3140-3146.	2.9	57
118	Shwachman-Diamond syndrome: early bone marrow transplantation in a high risk patient and new clues to pathogenesis. European Journal of Pediatrics, 1999, 158, 995-1000.	2.7	46
119	Chronic enteroviral meningo-encephalitis in X-linked agammaglobulinaemia: favourable response to anti-enteroviral treatment. European Journal of Pediatrics, 1999, 158, 1010-1011.	2.7	39
120	T cell activation and cytokine release in streptococcal toxic shock-like syndrome. Journal of Pediatrics, 1993, 122, 727-729.	1.8	72
121	Interleukin 4 down-regulates the expression of CD14 in normal human monocytes. European Journal of Immunology, 1990, 20, 2375-2381.	2.9	145
122	Immunodeficiency associated with Dandy-Walker-like malformation, congenital heart defect, and craniofacial abnormalities. American Journal of Medical Genetics Part A, 1989, 33, 280-281.	2.4	22