

Christian Lupinek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6517158/publications.pdf>

Version: 2024-02-01

88
papers

3,560
citations

126907

33
h-index

144013

57
g-index

90
all docs

90
docs citations

90
times ranked

3939
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and predictive value of IgE responses toward a comprehensive panel of house dust mite allergens during the first 2 decades of life. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 541-549.e8.	2.9	213
2	Advances in allergen-microarray technology for diagnosis and monitoring of allergy: The MeDALL allergen-chip. <i>Methods</i> , 2014, 66, 106-119.	3.8	210
3	MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from phenotypes to systems medicine. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 596-604.	5.7	146
4	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.	2.9	145
5	Sensitization to cat and dog allergen molecules in childhood and prediction of symptoms of cat and dog allergy in adolescence: A BAMSE/MeDALL study. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 813-821.e7.	2.9	132
6	Positioning the principles of precision medicine in care pathways for allergic rhinitis and chronic rhinosinusitis – A EUFOREA/ARIA/EPOS/AIRWAYS ICP statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1297-1305.	5.7	130
7	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. <i>Clinical and Translational Allergy</i> , 2016, 6, 47.	3.2	121
8	Early childhood IgE reactivity to pathogenesis-related class 10 proteins predicts allergic rhinitis in adolescence. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1199-1206.e11.	2.9	117
9	Different IgE recognition of mite allergen components in asthmatic and nonasthmatic children. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1083-1091.	2.9	108
10	High-Affinity IgE Recognition of a Conformational Epitope of the Major Respiratory Allergen Phl p 2 As Revealed by X-Ray Crystallography. <i>Journal of Immunology</i> , 2009, 182, 2141-2151.	0.8	104
11	Are allergic multimorbidities and IgE polysensitization associated with the persistence or reoccurrence of foetal type 2 signalling? The MeDALL hypothesis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1062-1078.	5.7	88
12	Molecular Aspects of Allergens and Allergy. <i>Advances in Immunology</i> , 2018, 138, 195-256.	2.2	81
13	The effects of dasatinib on IgE receptor-dependent activation and histamine release in human basophils. <i>Blood</i> , 2008, 111, 3097-3107.	1.4	78
14	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.	5.7	77
15	Understanding the complexity of IgE-related phenotypes from childhood to young adulthood: A Mechanisms of the Development of Allergy (MeDALL) Seminar. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 943-954.e4.	2.9	68
16	Allergen Peptides, Recombinant Allergens and Hypoallergens for Allergen-Specific Immunotherapy. <i>Current Treatment Options in Allergy</i> , 2014, 1, 91-106.	2.2	67
17	IgE Sensitization Profiles Differ between Adult Patients with Severe and Moderate Atopic Dermatitis. <i>PLoS ONE</i> , 2016, 11, e0156077.	2.5	67
18	Detection of IgE Reactivity to a Handful of Allergen Molecules in Early Childhood Predicts Respiratory Allergy in Adolescence. <i>EBioMedicine</i> , 2017, 26, 91-99.	6.1	66

#	ARTICLE	IF	CITATIONS
19	Costimulation Blockade Inhibits Allergic Sensitization but Does Not Affect Established Allergy in a Murine Model of Grass Pollen Allergy. <i>Journal of Immunology</i> , 2007, 178, 3924-3931.	0.8	54
20	Pooling Birth Cohorts in Allergy and Asthma: European Union-Funded Initiatives " A MeDALL, CHICOS, ENRIECO, and GA2LEN Joint Paper. <i>International Archives of Allergy and Immunology</i> , 2013, 161, 1-10.	2.1	54
21	Preventive sublingual immunotherapy in preschool children: First evidence for safety and pro-tolerogenic effects. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 788-795.	2.6	53
22	The asthma-rhinitis multimorbidity is associated with IgE polysensitization in adolescents and adults. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1447-1458.	5.7	53
23	Specific IgE and IgG measured by the MeDALL allergen-chip depend on allergen and route of exposure: The EGEA study. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 643-654.e6.	2.9	52
24	The use of the MeDALL-chip to assess IgE sensitization: a new diagnostic tool for allergic disease?. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 239-246.	2.6	50
25	Carrier-bound Alt a 1 peptides without allergenic activity for vaccination against <i>Alternaria alternata</i> allergy. <i>Clinical and Experimental Allergy</i> , 2012, 42, 966-975.	2.9	48
26	Reduction in allergen-specific IgE binding as measured by microarray: A possible surrogate marker for effects of specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 806-809.e7.	2.9	45
27	Real-Life Study for the Diagnosis of House Dust Mite Allergy - The Value of Recombinant Allergen-Based IgE Serology. <i>International Archives of Allergy and Immunology</i> , 2016, 170, 132-137.	2.1	45
28	IgE epitope proximity determines immune complex shape and effector cell activation capacity. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1557-1565.	2.9	42
29	Maternal allergen-specific IgG might protect the child against allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 536-548.	2.9	41
30	Allergen microarray detects high prevalence of asymptomatic IgE sensitizations to tropical pollen-derived carbohydrates. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 910-914.e5.	2.9	40
31	Non-IgE-mediated chronic allergic skin inflammation revealed with rBet v 1 fragments. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 528-530.e1.	2.9	36
32	Reducing allergenicity by altering allergen fold: a mosaic protein of Phl p 1 for allergy vaccination. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 569-580.	5.7	36
33	Dissection of the IgE and T-cell recognition of the major group 5 grass pollen allergen Phl p 5. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 836-845.e11.	2.9	36
34	Microarrayed dog, cat, and horse allergens show weak correlation between allergen-specific IgE and IgG responses. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 918-921.e6.	2.9	34
35	Monitoring Allergen Immunotherapy Effects by Microarray. <i>Current Treatment Options in Allergy</i> , 2016, 3, 189-203.	2.2	34
36	PreDicta chip-based high resolution diagnosis of rhinovirus-induced wheeze. <i>Nature Communications</i> , 2018, 9, 2382.	12.8	34

#	ARTICLE	IF	CITATIONS
37	Association between asthma, rhinitis, and conjunctivitis multimorbidities with molecular IgE sensitization in adults. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 824-827.	5.7	34
38	Analysis of serum IgE reactivity profiles with microarrayed allergens indicates absence of de novo IgE sensitizations in adults. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1418-1420.e4.	2.9	33
39	Molecular, Structural and Immunological Characterization of Der p 18, a Chitinase-Like House Dust Mite Allergen. <i>PLoS ONE</i> , 2016, 11, e0160641.	2.5	30
40	Prediction of peanut allergy in adolescence by early childhood storage protein-specific IgE signatures: The BAMSE population-based birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 587-590.e7.	2.9	30
41	Sensitization to grass pollen allergen molecules in a birth cohort—natural Phl p 4 as an early indicator of grass pollen allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1174-1181.e6.	2.9	30
42	Air pollution and IgE sensitization in 4 European birth cohorts—the MeDALL project. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 713-722.	2.9	30
43	Vaccination of nonallergic individuals with recombinant hypoallergenic fragments of birch pollen allergen Bet v 1: Safety, effects, and mechanisms. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1258-1261.	2.9	29
44	The culprit insect but not severity of allergic reactions to bee and wasp venom can be determined by molecular diagnosis. <i>PLoS ONE</i> , 2018, 13, e0199250.	2.5	27
45	Natural clinical tolerance to peanut in African patients is caused by poor allergenic activity of peanut IgE. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 638-652.	5.7	26
46	Transmission of allergen-specific IgG and IgE from maternal blood into breast milk visualized with microarray technology. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1213-1215.	2.9	25
47	Molecular Evolution of Hypoallergenic Hybrid Proteins for Vaccination against Grass Pollen Allergy. <i>Journal of Immunology</i> , 2015, 194, 4008-4018.	0.8	23
48	Extracorporeal IgE Immunoabsorption in Allergic Asthma: Safety and Efficacy. <i>EBioMedicine</i> , 2017, 17, 119-133.	6.1	23
49	A high-affinity monoclonal anti-IgE antibody for depletion of IgE and IgE-bearing cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 695-702.	5.7	22
50	Critical and direct involvement of the CD23 stalk region in IgE binding. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 281-289.e5.	2.9	22
51	Reliable mite-specific IgE testing in nasal secretions by means of allergen microarray. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 301-303.e8.	2.9	21
52	Molecular characterization of recombinant T1, a non-allergenic periwinkle (<i>Catharanthus roseus</i>) protein, with sequence similarity to the Bet v 1 plant allergen family. <i>Biochemical Journal</i> , 2003, 373, 261-269.	3.7	20
53	IgE, IgG4 and IgA specific to Bet v 1-related food allergens do not predict oral allergy syndrome. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 59-66.	5.7	20
54	Bet v 1-specific IgE levels and PR ₁₀ reactivity discriminate silent sensitization from phenotypes of birch allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2525-2528.	5.7	20

#	ARTICLE	IF	CITATIONS
55	High-resolution crystal structure and IgE recognition of the major grass pollen allergen Phl p 3. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1617-1628.	5.7	19
56	Intranasal administration of allergen increases specific IgE whereas intranasal omalizumab does not increase serum IgE levelsâ€”A pilot study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1003-1012.	5.7	19
57	Microarrayâ€based IgE serology improves management of severe atopic dermatitis in two children. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 645-649.	2.6	18
58	Allograft rejection is associated with development of functional IgE specific for donor MHC antigens. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 335-345.e12.	2.9	18
59	HIV microarray for the mapping and characterization of HIV-specific antibody responses. <i>Lab on A Chip</i> , 2015, 15, 1574-1589.	6.0	17
60	Trimolecular Complex Formation of IgE, FcÎµRI, and a Recombinant Nonanaphylactic Single-Chain Antibody Fragment with High Affinity for IgE. <i>Journal of Immunology</i> , 2009, 182, 4817-4829.	0.8	16
61	Recombinant plant-derived human IgE glycoproteomics. <i>Journal of Proteomics</i> , 2017, 161, 81-87.	2.4	16
62	IgEâ€reactivity profiles to allergen molecules in Russian children with and without symptoms of allergy revealed by microâ€array analysis. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 251-263.	2.6	16
63	Isolation of a highâ€affinity Bet v 1â€specific IgGâ€derived ScFv from a subject vaccinated with hypoallergenic Bet v 1 fragments. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1425-1435.	5.7	15
64	Recombinant glycoproteins resembling carbohydrate-specific IgE epitopes from plants, venoms and mites. <i>EBioMedicine</i> , 2019, 39, 33-43.	6.1	14
65	Expression in <i>Escherichia coli</i> and Purification of Folded rDer p 20, the Arginine Kinase From <i>Dermatophagoides pteronyssinus</i> : A Possible Biomarker for Allergic Asthma. <i>Allergy, Asthma and Immunology Research</i> , 2021, 13, 154.	2.9	14
66	Different modes of IgE binding to CD23 revealed with major birch allergen, Bet v 1â€specific monoclonal IgE. <i>Immunology and Cell Biology</i> , 2013, 91, 167-172.	2.3	13
67	Modeling the conversion between specific IgE test platforms for nut allergens in children and adolescents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 831-841.	5.7	13
68	Effects of Nasal Corticosteroids on Boosts of Systemic Allergen-Specific IgE Production Induced by Nasal Allergen Exposure. <i>PLoS ONE</i> , 2015, 10, e0114991.	2.5	12
69	Allergen-specific IgE levels and the ability of IgE-allergen complexes to cross-link determine the extent of CD23-mediated T-cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 958-967.e5.	2.9	11
70	High-Density IgE Recognition of the Major Grass Pollen Allergen Phl p 1 Revealed with Single-Chain IgE Antibody Fragments Obtained by Combinatorial Cloning. <i>Journal of Immunology</i> , 2015, 194, 2069-2078.	0.8	10
71	<i>scp>slgE</scp></i> and <i>scp>slgG</scp></i> to airborne atopic allergens: Coupled rather than inversely related responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2239-2242.	5.7	10
72	Associations between specific IgE sensitization to 26 respiratory allergen molecules and HLA class II alleles in the EGEA cohort. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2575-2586.	5.7	9

#	ARTICLE	IF	CITATIONS
73	Der p 23-specific IgE response throughout childhood and its association with allergic disease: A birth cohort study. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	2.6	9
74	Microarray-Based Detection of Allergen-Reactive IgE in Patients with Mastocytosis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2761-2768.e16.	3.8	8
75	Determination of allergen specificity by heavy chains in grass pollen allergen-specific IgE antibodies. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1185-1193.e6.	2.9	5
76	Transfer and loss of allergen-specific responses via stem cell transplantation: A prospective observational study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2243-2253.	5.7	3
77	Étude de l'asthme de l'enfant en milieu semi-rural au Gabon (hôpital Albert-Schweitzer, Lambaréné). <i>Revue Française D'allergologie</i> , 2017, 57, 2-7.	0.2	1
78	HELMINTH INFECTION AND ALLERGIC SENSITIZATION IN ESWATI CHILDREN. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 121, S57.	1.0	1
79	Dasatinib (BMS354825) Inhibits IgE-Dependent Activation and Histamine Release in Human Blood Basophils. <i>Blood</i> , 2006, 108, 1365-1365.	1.4	1
80	IgE-reactivity patterns in Asian and central European cockroach sensitized patients reveal differences in primary sensitizing allergen sources. , 2022, , .		1
81	High density IgE recognition of the major grass pollen allergen, Phl p 1, revealed with single chain IgE antibody fragments obtained by combinatorial cloning. <i>Clinical and Translational Allergy</i> , 2014, 4, .	3.2	0
82	A molecular model system based on human monoclonal allergen-specific IgE antibodies to study basophil activation. <i>Clinical and Translational Allergy</i> , 2014, 4, .	3.2	0
83	Trimolecular complex between major birch pollen allergen, Bet v 1, monoclonal allergen-specific human IgE and recombinant CD23. <i>Clinical and Translational Allergy</i> , 2014, 4, .	3.2	0
84	Characterisation of recombinant CD23 in the trimeric complex with IgE and allergen. <i>World Allergy Organization Journal</i> , 2015, 8, A192.	3.5	0
85	Biosensor-based characterisation of a single chain variable fragment with specificity to IgE as a candidate molecule for the therapy of IgE-mediated diseases. <i>FASEB Journal</i> , 2008, 22, 480-480.	0.5	0
86	First clinical trial of a new IgE-adsorber in allergic asthma. , 2015, , .		0
87	Polysensitization and allergic multimorbidity: the extreme allergy phenotype from childhood to adulthood. , 2017, , .		0
88	Associations between allergen-specific IgE sensitization and HLA class II alleles in the EGEA cohort. , 2020, , .		0