

# Jonas Lidholm

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

5,012  
citations

94433

37  
h-index

88630

70  
g-index

77  
all docs

77  
docs citations

77  
times ranked

3816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microarrayed allergen molecules: diagnostic gatekeepers for allergy treatment. <i>FASEB Journal</i> , 2002, 16, 414-416.	0.5	420
2	BIACORE Analysis of Histidine-Tagged Proteins Using a Chelating NTA Sensor Chip. <i>Analytical Biochemistry</i> , 1997, 252, 217-228.	2.4	337
3	Characteristics and Immunobiology of Grass Pollen Allergens. <i>International Archives of Allergy and Immunology</i> , 2003, 130, 87-107.	2.1	304
4	Sensitization to Cor a 9 and Cor a 14 is highly specific for a hazelnut allergy with objective symptoms in Dutch children and adults. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 393-399.	2.9	202
5	Birch pollen-related food allergy: Clinical aspects and the role of allergen-specific IgE and IgG4 antibodies. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 616-622.e1.	2.9	198
6	WHO/IUIS Allergen Nomenclature: Providing a common language. <i>Molecular Immunology</i> , 2018, 100, 3-13.	2.2	162
7	Strong allergenicity of Pru av 3, the lipid transfer protein from cherry, is related to high stability against thermal processing and digestion. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 900-907.	2.9	161
8	IgE-Mediated food allergy diagnosis: Current status and new perspectives. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 135-147.	3.3	155
9	Component resolution reveals additional major allergens in patients with honeybee venom allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1383-1389.e6.	2.9	152
10	Recombinant Marker Allergens: Diagnostic Gatekeepers for the Treatment of Allergy. <i>International Archives of Allergy and Immunology</i> , 2002, 127, 259-268.	2.1	149
11	Induction of antibody responses to new B cell epitopes indicates vaccination character of allergen immunotherapy. <i>European Journal of Immunology</i> , 1999, 29, 2026-2036.	2.9	138
12	Component-resolved in vitro diagnosis of hazelnut allergy in Europe. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 1134-1141.e3.	2.9	137
13	Prostatic kallikrein: A new major dog allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 362-368.e3.	2.9	131
14	Peanut component Ara h 8 sensitization and tolerance to peanut. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 468-472.	2.9	129
15	Generation of a comprehensive panel of crustacean allergens from the North Sea Shrimp Crangon crangon. <i>Molecular Immunology</i> , 2011, 48, 1983-1992.	2.2	112
16	Component-resolved diagnostics in food allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2006, 6, 234-240.	2.3	98
17	Component-resolved diagnosis of kiwifruit allergy with purified natural and recombinant kiwifruit allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 687-694.e1.	2.9	95
18	Predominant Api m 10 sensitization as risk factor for treatment failure in honey bee venom immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1663-1671.e9.	2.9	93

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19	Hazelnut allergy across Europe dissected molecularly: A EuroPrevall outpatient clinic survey. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 382-391.	2.9	92
20	Kiwifruit allergy across Europe: Clinical manifestation and IgE recognition patterns to kiwifruit allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 164-171.	2.9	82
21	Peanut-specific IgE antibodies in asymptomatic Ghanaian children possibly caused by carbohydrate determinant cross-reactivity. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 639-647.	2.9	75
22	Relevance of IgE binding to short peptides for the allergenic activity of food allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 328-336.e6.	2.9	73
23	Homologues of the green algal <i>gidA</i> gene and the liverwort <i>frxC</i> gene are present on the chloroplast genomes of conifers. <i>Plant Molecular Biology</i> , 1991, 17, 787-798.	3.9	67
24	Walnut oral immunotherapy for desensitisation of walnut and additional tree nut allergies (Nut) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 312-321.	5.6	65
25	Sensitization to cashew nut 2S albumin, Ana 3, is highly predictive of cashew and pistachio allergy in Greek children. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 192-194.	2.9	63
26	Identification of cross-reactive and genuine <i>Parietaria judaica</i> pollen allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 974-979.	2.9	62
27	Association of Clinical Reactivity with Sensitization to Allergen Components in Multifood-Allergic Children. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 1325-1334.e4.	3.8	60
28	Assessment of component-resolved in vitro diagnosis of celeriac allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 1273-1281.e2.	2.9	53
29	Pru p 7 sensitization is a predominant cause of severe, cypress pollen-associated peach allergy. <i>Clinical and Experimental Allergy</i> , 2019, 49, 526-536.	2.9	48
30	Comparable IgE reactivity to natural and recombinant Api m 1 in cross-reactive carbohydrate determinant-negative patients with bee venom allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 276-278.	2.9	47
31	Efficacy and Safety of Sesame Oral Immunotherapy: A Real-World, Single-Center Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2775-2781.e2.	3.8	46
32	The chloroplast genomes of conifers lack one of the rRNA-encoding inverted repeats. <i>Molecular Genetics and Genomics</i> , 1988, 212, 6-10.	2.4	44
33	Duplication of the <i>psbA</i> gene in the chloroplast genome of two <i>Pinus</i> species. <i>Molecular Genetics and Genomics</i> , 1991, 226, 345-52.	2.4	43
34	The chloroplast genome of the gymnosperm <i>Pinus contorta</i> : a physical map and a complete collection of overlapping clones. <i>Current Genetics</i> , 1991, 20, 161-166.	1.7	42
35	Recombinant tropomyosin from <i>Panorpeus aztecus</i> (rPen a 1) for measurement of specific immunoglobulin E antibodies relevant in food allergy to crustaceans and other invertebrates. <i>Molecular Nutrition and Food Research</i> , 2004, 48, 370-379.	3.3	41
36	Ten-year review reveals changing trends and severity of allergic reactions to nuts and other foods. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 862-867.	1.5	41

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37	Clinical and Molecular Characterization of Walnut and Pecan Allergy (NUT CRACKER Study). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 157-165.e2.	3.8	40
38	Comparison of IgE-Binding Capacity, Cross-Reactivity and Biological Potency of Allergenic Non-Specific Lipid Transfer Proteins from Peach, Cherry and Hazelnut. <i>International Archives of Allergy and Immunology</i> , 2010, 153, 335-346.	2.1	37
39	Carbohydrate epitopes currently recognized as targets for IgE antibodies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2383-2394.	5.7	36
40	Molecular characterisation of Lac s 1, the major allergen from lettuce ( <i>Lactuca sativa</i> ). <i>Molecular Immunology</i> , 2007, 44, 2820-2830.	2.2	35
41	Involvement of Can f 5 in a Case of Human Seminal Plasma Allergy. <i>International Archives of Allergy and Immunology</i> , 2012, 159, 143-146.	2.1	33
42	Oral exposure to Mal d 1 affects the immune response in patients with birch pollen allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 94-102.	2.9	32
43	IgE Abs to Der p 1 and Der p 2 as diagnostic markers of house dust mite allergy as defined by a bronchoprovocation test. <i>Allergology International</i> , 2015, 64, 90-95.	3.3	31
44	<i>Pichia pastoris</i> is superior to <i>E. coli</i> for the production of recombinant allergenic non-specific lipid-transfer proteins. <i>Protein Expression and Purification</i> , 2010, 69, 68-75.	1.3	30
45	Sensitization profiles to peanut allergens across the United States. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 119, 262-266.e1.	1.0	29
46	Identification of Sola l 4 as Bet v 1 homologous pathogenesis related-10 allergen in tomato fruits. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 582-592.	3.3	27
47	Allergen Recognition Patterns in Walnut Allergy Are Age Dependent and Correlate with the Severity of Allergic Reactions. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1560-1567.e6.	3.8	27
48	Characterization of a 7 kDa pollen allergen belonging to the gibberellin-regulated protein family from three Cupressaceae species. <i>Clinical and Experimental Allergy</i> , 2020, 50, 964-972.	2.9	26
49	Clinical, Anamnestic and Serological Features of Peach Allergy in Portugal. <i>International Archives of Allergy and Immunology</i> , 2009, 149, 65-73.	2.1	25
50	Cashew oral immunotherapy for desensitizing cashew-pistachio allergy (NUT CRACKER study). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1863-1872.	5.7	25
51	Specific IgE to fish extracts does not predict allergy to specific species within an adult fish allergic population. <i>Clinical and Translational Allergy</i> , 2014, 4, 27.	3.2	24
52	Characterization of Bet v 1-related allergens from kiwifruit relevant for patients with combined kiwifruit and birch pollen allergy. <i>Molecular Nutrition and Food Research</i> , 2008, 52 Suppl 2, NA-NA.	3.3	23
53	Identification and implication of an allergenic PR-10 protein from walnut in birch pollen associated walnut allergy. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600902.	3.3	23
54	Yeast profilin complements profilin deficiency in transgenic tomato fruits and allows development of hypoallergenic tomato fruits. <i>FASEB Journal</i> , 2010, 24, 4939-4947.	0.5	22

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55	Purification, Structural and Immunological Characterization of a Timothy Grass (Phleum pratense) Pollen Allergen, Phl p 4, with Cross-Reactive Potential. <i>Biological Chemistry</i> , 2002, 383, 1383-96.	2.5	21
56	Walnut Allergy Across Europe: Distribution of Allergen Sensitization Patterns and Prediction of Severity. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 225-235.e10.	3.8	21
57	Recombinant Mal d 1 is a reliable diagnostic tool for birch pollen allergen-associated apple allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1008-1010.	2.9	20
58	Identification of the amino-terminal fragment of Ara h 1 as a major target of the IgE-binding activity in the basic peanut protein fraction. <i>Clinical and Experimental Allergy</i> , 2020, 50, 401-405.	2.9	19
59	Enlarging the Toolbox for Allergen Epitope Definition with an Allergen-Type Model Protein. <i>PLoS ONE</i> , 2014, 9, e111691.	2.5	18
60	Sensitization profiles to hazelnut allergens across the United States. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 122, 111-116.e1.	1.0	17
61	Identification of an Allergen Related to Phl p 4, a Major Timothy Grass Pollen Allergen, in Pollens, Vegetables, and Fruits by Immunogold Electron Microscopy. <i>Biological Chemistry</i> , 2002, 383, 1441-5.	2.5	14
62	Development and in-house validation of allergen-specific ELISA tests for the quantification of Dau c 1.01, Dau c 1.02 and Dau c 4 in carrot extracts ( <i>Daucus carota</i> ). <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 935-943.	3.7	14
63	Crystal structure of Pla l 1 reveals both structural similarity and allergenic divergence within the Ole e 1-like protein family. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 277-280.	2.9	14
64	Identification and molecular characterization of allergenic non-specific lipid-transfer protein from durum wheat ( <i>Triticum turgidum</i> ). <i>Clinical and Experimental Allergy</i> , 2019, 49, 120-129.	2.9	14
65	Food allergy in the Netherlands: differences in clinical severity, causative foods, sensitization and DBPCFC between community and outpatients. <i>Clinical and Translational Allergy</i> , 2015, 5, 8.	3.2	13
66	The BASALIT multicenter trial: Gly m 4 quantification for consistency control of challenge meal batches and toward Gly m 4 threshold data. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600527.	3.3	13
67	Cyclophilin A A novel cross-reactive determinant in peanut. <i>Clinical and Experimental Allergy</i> , 2021, 51, 620-622.	2.9	12
68	Identification of allergen-resolved threshold doses of carrot ( <i>Daucus carota</i> ) by means of oral challenge and ELISA. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1711-1713.e2.	2.9	9
69	Endolysosomal Degradation of Allergenic Ole e 1-Like Proteins: Analysis of Proteolytic Cleavage Sites Revealing T Cell Epitope-Containing Peptides. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1780.	4.1	9
70	Sensitization to storage proteins in peanut and hazelnut is associated with higher levels of inflammatory markers in asthma. <i>Clinical and Molecular Allergy</i> , 2020, 18, 11.	1.8	9
71	Perceived Food Hypersensitivity Relates to Poor Asthma Control and Quality of Life in Young Non-Atopic Asthmatics. <i>PLoS ONE</i> , 2015, 10, e0124675.	2.5	7
72	Identification of a defensin as novel allergen in celery root: ApiAg7 as a missing link in the diagnosis of celery allergy?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1294-1296.	5.7	6

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73	Structure and regulation of photosynthesis genes in <i>Pinus sylvestris</i> (Scots pine) and <i>Pinus contorta</i> (lodgepole pine). <i>Forest Ecology and Management</i> , 1991, 43, 287-300.	3.2	4
74	A functional promoter shift of a chloroplast gene: a transcriptional fusion between a novel <i>psbA</i> gene copy and the <i>trnK</i> (UUU) gene in <i>Pinus contorta</i> . <i>Plant Journal</i> , 1992, 2, 875-886.	5.7	4
75	Component-Resolved Diagnosis of American Cockroach ( <i>Periplaneta americana</i> ) Allergy in Patients From Different Geographical Areas. <i>Frontiers in Allergy</i> , 2021, 2, 691627.	2.8	4
76	A functional promoter shift of a chloroplast gene: a transcriptional fusion between a novel <i>psbA</i> gene copy and the <i>trnK</i> (UUU) gene in <i>Pinus contorta</i> . <i>Plant Journal</i> , 1992, 2, 875-886.	5.7	4
77	A new vicilin-like allergen in hazelnut giving rise to a spectrum of IgE-binding low-molecular-weight N-terminal fragments. <i>Clinical and Experimental Allergy</i> , 2022, 52, 1208-1212.	2.9	4