Birgit Linhart

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/888752/publications.pdf

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46	2,281	218592	223716
papers	citations	26 h-index	46 g-index

46	46	46	1847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Food Allergies: The Basics. Gastroenterology, 2015, 148, 1120-1131.e4.	0.6	205
2	From Allergen Genes to Allergy Vaccines. Annual Review of Immunology, 2010, 28, 211-241.	9.5	202
3	A Recombinant Hypoallergenic Parvalbumin Mutant for Immunotherapy of IgE-Mediated Fish Allergy. Journal of Immunology, 2007, 178, 6290-6296.	0.4	165
4	Recombinant Marker Allergens: Diagnostic Gatekeepers for the Treatment of Allergy. International Archives of Allergy and Immunology, 2002, 127, 259-268.	0.9	149
5	A hypoallergenic cat vaccine based on Fel d 1â€“derived peptides fused to hepatitis B PreS. Journal of Allergy and Clinical Immunology, 2011, 127, 1562-1570.e6.	1.5	92
6	Development of a Hypoallergenic Recombinant Parvalbumin for First-in-Man Subcutaneous Immunotherapy of Fish Allergy. International Archives of Allergy and Immunology, 2015, 166, 41-51.	0.9	85
7	A hybrid molecule resembling the epitope spectrum of grass pollen for allergy vaccination. Journal of Allergy and Clinical Immunology, 2005, 115, 1010-1016.	1.5	83
8	Mapping of Conformational IgE Epitopes with Peptide-Specific Monoclonal Antibodies Reveals Simultaneous Binding of Different IgE Antibodies to a Surface Patch on the Major Birch Pollen Allergen, Bet v 1. Journal of Immunology, 2011, 186, 5333-5344.	0.4	82
9	Molecular Aspects of Allergens and Allergy. Advances in Immunology, 2018, 138, 195-256.	1.1	81
10	A Combination Vaccine for Allergy and Rhinovirus Infections Based on Rhinovirus-Derived Surface Protein VP1 and a Nonallergenic Peptide of the Major Timothy Grass Pollen Allergen Phl p 1. Journal of Immunology, 2009, 182, 6298-6306.	0.4	80
11	Molecular design of allergy vaccines. Current Opinion in Immunology, 2005, 17, 646-655.	2.4	76
12	Combination vaccines for the treatment of grass pollen allergy consisting of genetically engineered hybrid molecules with increased immunogenicity. FASEB Journal, 2002, 16, 1301-1303.	0.2	66
13	Mechanisms underlying allergy vaccination with recombinant hypoallergenic allergen derivatives. Vaccine, 2012, 30, 4328-4335.	1.7	63
14	FAST: towards safe and effective subcutaneous immunotherapy of persistent lifeâ€threatening food allergies. Clinical and Translational Allergy, 2012, 2, 5.	1.4	56
15	Costimulation Blockade Inhibits Allergic Sensitization but Does Not Affect Established Allergy in a Murine Model of Grass Pollen Allergy. Journal of Immunology, 2007, 178, 3924-3931.	0.4	54
16	Reduction of the in vivo allergenicity of Der p 2, the major house-dust mite allergen, by genetic engineering. Molecular Immunology, 2008, 45, 2486-2498.	1.0	53
17	Blocking antibodies induced by immunization with a hypoallergenic parvalbumin mutant reduce allergic symptoms in a mouse model of fish allergy. Journal of Allergy and Clinical Immunology, 2017, 139, 1897-1905.e1.	1.5	48
18	IgE epitope proximity determines immune complex shape and effector cell activation capacity. Journal of Allergy and Clinical Immunology, 2016, 137, 1557-1565.	1.5	42

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19	Vaccines for allergy. Current Opinion in Immunology, 2012, 24, 354-360.	2.4	40
20	Passive immunization with allergen-specific IgG antibodies for treatment and prevention of allergy. Immunobiology, 2013, 218, 884-891.	0.8	37
21	Molecular Approaches for Diagnosis, Therapy and Prevention of CowÂ´s Milk Allergy. Nutrients, 2019, 11, 1492.	1.7	37
22	Vaccine Engineering Improved by Hybrid Technology. International Archives of Allergy and Immunology, 2004, 134, 324-331.	0.9	36
23	Allergen-Specific Antibodies Regulate Secondary Allergen-Specific Immune Responses. Frontiers in Immunology, 2019, 9, 3131.	2.2	32
24	Prevention of allergy by virusâ€like nanoparticles (<scp>VNP</scp>) delivering shielded versions of major allergens in a humanized murine allergy model. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 246-260.	2.7	31
25	A hypoallergenic hybrid molecule with increased immunogenicity consisting of derivatives of the major grass pollen allergens, Phl p 2 and Phl p 6. Biological Chemistry, 2008, 389, 925-33.	1.2	29
26	A Hypoallergenic Vaccine Obtained by Tail-to-Head Restructuring of Timothy Grass Pollen Profilin, Phl p 12, for the Treatment of Cross-Sensitization to Profilin. Journal of Immunology, 2007, 179, 7624-7634.	0.4	27
27	Disruption of Allergenic Activity of the Major Grass Pollen Allergen Phl p 2 by Reassembly as a Mosaic Protein. Journal of Immunology, 2008, 181, 4864-4873.	0.4	26
28	Skin test diagnosis of grass pollen allergy with a recombinant hybrid molecule. Journal of Allergy and Clinical Immunology, 2007, 120, 315-321.	1.5	25
29	Allergen-Specific Immunotherapy: Towards Combination Vaccines for Allergic and Infectious Diseases. Current Topics in Microbiology and Immunology, 2011, 352, 121-140.	0.7	24
30	Molecular Evolution of Hypoallergenic Hybrid Proteins for Vaccination against Grass Pollen Allergy. Journal of Immunology, 2015, 194, 4008-4018.	0.4	23
31	Critical and direct involvement of the CD23 stalk region in IgE binding. Journal of Allergy and Clinical Immunology, 2017, 139, 281-289.e5.	1.5	22
32	Two years of treatment with the recombinant grass pollen allergy vaccine BM32 induces a continuously increasing allergen-specific IgG4 response. EBioMedicine, 2019, 50, 421-432.	2.7	22
33	Comparison of the immunogenicity of BM32, a recombinant hypoallergenic B cell epitopeâ€“based grass pollen allergy vaccine with allergen extractâ€“based vaccines. Journal of Allergy and Clinical Immunology, 2017, 140, 1433-1436.e6.	1.5	21
34	Natural History of IgE-Mediated Fish Allergy in Children. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3147-3156.e5.	2.0	21
35	Recombinant allergen and peptide-based approaches for allergy prevention by oral tolerance. Seminars in Immunology, 2017, 30, 67-80.	2.7	20
36	Unusual sensitization to parvalbumins from certain fish species. Annals of Allergy, Asthma and Immunology, 2014, 113, 571-572.e3.	0.5	19

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37	Resistance of parvalbumin to gastrointestinal digestion is required for profound and longâ€lasting prophylactic oral tolerance. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 326-335.	2.7	19
38	From Allergen Molecules to Molecular Immunotherapy of Nut Allergy: A Hard Nut to Crack. Frontiers in Immunology, 2021, 12, 742732.	2.2	17
39	InÂvivo allergenic activity of a hypoallergenic mutant of the major fish allergen Cyp c 1 evaluated by means of skin testing. Journal of Allergy and Clinical Immunology, 2015, 136, 493-495.e8.	1.5	14
40	Cell Therapy for Prophylactic Tolerance in Immunoglobulin E-mediated Allergy. EBioMedicine, 2016, 7, 230-239.	2.7	14
41	A B Cell Epitope Peptide Derived from the Major Grass Pollen Allergen Phl p 1 Boosts Allergen-Specific Secondary Antibody Responses without Allergen-Specific T Cell Help. Journal of Immunology, 2017, 198, 1685-1695.	0.4	11
42	Detection of genuine grass pollen sensitization in children by skin testing with a recombinant grass pollen hybrid. Pediatric Allergy and Immunology, 2019, 30, 59-65.	1.1	10
43	Preventive Administration of Non-Allergenic Bet v 1 Peptides Reduces Allergic Sensitization to Major Birch Pollen Allergen, Bet v 1. Frontiers in Immunology, 2021, 12, 744544.	2.2	8
44	Allergen Microarray Indicates Pooideae Sensitization in Brazilian Grass Pollen Allergic Patients. PLoS ONE, 2015, 10, e0128402.	1.1	6
45	Molecular allergy diagnosis: A potential tool for the assessment of severity of grass pollenâ€induced rhinitis in children. Pediatric Allergy and Immunology, 2019, 30, 852-855.	1.1	4
46	Methods to Detect MHC-Specific IgE in Mice and Men. Frontiers in Immunology, 2020, 11, 586856.	2.2	4