Margit Focke-Tejkl

List of Publications by Year
in descending order

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82 papers	3,117 citations	136950 32 h-index	168389 53 g-index
82 all docs	82 docs citations	82 times ranked	2708 citing authors

#	Article	IF	Citations
1	Neutralization of SARSâ€CoVâ€2 requires antibodies against conformational receptorâ€binding domain epitopes. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 230-242.	5.7	45
2	The emerging pathogen Paecilomyces variotii â€•a novel and important fungal allergen source. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1045-1048.	5.7	3
3	Isolation of nanobodies with potential to reduce patients' IgE binding to Bet v 1. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1751-1760.	5.7	9
4	Past, present, and future of allergen immunotherapy vaccines. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 131-149.	5.7	66
5	Dissociation of the respiratory syncytial virus F protein-specific human IgG, IgA and IgM response. Scientific Reports, 2021, 11, 3551.	3.3	3
6	Microarray Technology May Reveal the Contribution of Allergen Exposure and Rhinovirus Infections as Possible Triggers for Acute Wheezing Attacks in Preschool Children. Viruses, 2021, 13, 915.	3.3	7
7	IgE Epitopes of the House Dust Mite Allergen Der p 7 Are Mainly Discontinuous and Conformational. Frontiers in Immunology, 2021, 12, 687294.	4.8	13
8	Identification of Ulocladium chartarum as an important indoor allergen source. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3202-3206.	5.7	4
9	The Molecular Allergen Recognition Profile in China as Basis for Allergen-Specific Immunotherapy. Frontiers in Immunology, 2021, 12, 719573.	4.8	11
10	From Allergen Molecules to Molecular Immunotherapy of Nut Allergy: A Hard Nut to Crack. Frontiers in Immunology, 2021, 12, 742732.	4.8	17
11	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.	4.8	8
12	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.	5.7	19
13	Allergen immunotherapy with the hypoallergenic Bâ€cell epitopeâ€based vaccine BM32 modifies ILâ€10â€•and ILâ€5â€secreting T cells. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 450-453.	5.7	20
14	Features of the Human Antibody Response against the Respiratory Syncytial Virus Surface Glycoprotein G. Vaccines, 2020, 8, 337.	4.4	5
15	Quantification, epitope mapping and genotype cross-reactivity of hepatitis B preS-specific antibodies in subjects vaccinated with different dosage regimens of BM32. EBioMedicine, 2020, 59, 102953.	6.1	10
16	Individuals with IgE antibodies to Î±â€Gal and CCD show specific IgG subclass responses different from subjects nonâ€sensitized to oligosaccharides. Clinical and Experimental Allergy, 2020, 50, 1107-1110.	2.9	6
17	Gal d 7â€”a major allergen in primary chicken meat allergy. Journal of Allergy and Clinical Immunology, 2020, 146, 169-179.e5.	2.9	15
18	Molecular characterization of a fungal cyclophilin allergen Rhi o 2 and elucidation of antigenic determinants responsible for IgEâ€cross-reactivity. Journal of Biological Chemistry, 2020, 295, 2736-2748.	3.4	10

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19	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.	2.6	4
20	Expression and characterization of recombinant Par j 1 and Par j 2 resembling the allergenic epitopes of Parietaria judaica pollen. Scientific Reports, 2019, 9, 15043.	3.3	4
21	Rational design of a hypoallergenic Phl p 7 variant for immunotherapy of polcalcin-sensitized patients. Scientific Reports, 2019, 9, 7802.	3.3	12
22	A hypoallergenic peptide mix containing T cell epitopes of the clinically relevant house dust mite allergens. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2461-2478.	5.7	32
23	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.	6.1	22
24	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.	2.6	10
25	The crystal structure of the major olive pollen allergen Ole eâ€...1. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e74-e74.	0.1	0
26	Safety and efficacy of immunotherapy with the recombinant B-cell epitopeâ€“based grass pollen vaccine BM32. Journal of Allergy and Clinical Immunology, 2018, 142, 497-509.e9.	2.9	84
27	Allergen Extracts for InÂVivo Diagnosis and Treatment of Allergy: Is There a Future?. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 1845-1855.e2.	3.8	81
28	Molecular Aspects of Allergens and Allergy. Advances in Immunology, 2018, 138, 195-256.	2.2	81
29	Critical and direct involvement of the CD23 stalk region in IgE binding. Journal of Allergy and Clinical Immunology, 2017, 139, 281-289.e5.	2.9	22
30	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.	0.8	11
31	Flexible IgE epitope-containing domains of Phl p 5 cause high allergenic activity. Journal of Allergy and Clinical Immunology, 2017, 140, 1187-1191.	2.9	19
32	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.	2.9	21
33	Clustering of conformational IgE epitopes on the major dog allergen Can f 1. Scientific Reports, 2017, 7, 12135.	3.3	12
34	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.	2.9	48
35	Molecular, Structural and Immunological Characterization of Der p 18, a Chitinase-Like House Dust Mite Allergen. PLoS ONE, 2016, 11, e0160641.	2.5	30
36	Cell Therapy for Prophylactic Tolerance in Immunoglobulin E-mediated Allergy. EBioMedicine, 2016, 7, 230-239.	6.1	14

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37	IgE epitope proximity determines immune complex shape and effector cell activation capacity. Journal of Allergy and Clinical Immunology, 2016, 137, 1557-1565.	2.9	42
38	Specific Antibodies for the Detection of <i>Alternaria</i> Allergens and the Identification of Cross-Reactive Antigens in Other Fungi. International Archives of Allergy and Immunology, 2016, 170, 269-278.	2.1	21
39	Mechanisms, safety and efficacy of a B cell epitope-based vaccine for immunotherapy of grass pollen allergy. EBioMedicine, 2016, 11, 43-57.	6.1	109
40	Vaccine development for allergen-specific immunotherapy based on recombinant allergens and synthetic allergen peptides: Lessons from the past and novel mechanisms of action for the future. Journal of Allergy and Clinical Immunology, 2016, 137, 351-357.	2.9	154
41	Allergenic activity and ability to induce T cell and cytokine responses of different infant milk formulas. World Allergy Organization Journal, 2015, 8, A253.	3.5	1
42	Comparison of the Specificities of IgG, IgG-Subclass, IgA and IgM Reactivities in African and European HIV-Infected Individuals with an HIV-1 Clade C Proteome-Based Array. PLoS ONE, 2015, 10, e0117204.	2.5	14
43	Allergen Microarray Indicates Pooideae Sensitization in Brazilian Grass Pollen Allergic Patients. PLoS ONE, 2015, 10, e0128402.	2.5	6
44	Skin test evaluation of a novel peptide carrierâ€“based vaccine, BM32, in grass pollenâ€“allergic patients. Journal of Allergy and Clinical Immunology, 2015, 136, 1101-1103.e8.	2.9	41
45	Development and characterization of a recombinant, hypoallergenic, peptide-based vaccine for grass pollen allergy. Journal of Allergy and Clinical Immunology, 2015, 135, 1207-1217.e11.	2.9	115
46	Usefulness of recombinant Î³-gliadin 1 for identifying patients with celiac disease and monitoring adherence to a gluten-free diet. Journal of Allergy and Clinical Immunology, 2015, 136, 1607-1618.e3.	2.9	11
47	Molecular Evolution of Hypoallergenic Hybrid Proteins for Vaccination against Grass Pollen Allergy. Journal of Immunology, 2015, 194, 4008-4018.	0.8	23
48	Der p 11 Is a Major Allergen for House Dust Mite-Allergic Patients Suffering from Atopic Dermatitis. Journal of Investigative Dermatology, 2015, 135, 102-109.	0.7	93
49	Allergen Peptides, Recombinant Allergens and Hypoallergens for Allergen-Specific Immunotherapy. Current Treatment Options in Allergy, 2014, 1, 91-106.	2.2	67
50	Unusual sensitization to parvalbumins from certain fish species. Annals of Allergy, Asthma and Immunology, 2014, 113, 571-572.e3.	1.0	19
51	Conversion of Der p 23, a New Major House Dust Mite Allergen, into a Hypoallergenic Vaccine. Journal of Immunology, 2014, 192, 4867-4875.	0.8	69
52	Dissection of the IgE and T-cell recognition of the major group 5 grass pollen allergen Phl p 5. Journal of Allergy and Clinical Immunology, 2014, 133, 836-845.e11.	2.9	36
53	Allergen microarray detects high prevalence of asymptomatic IgE sensitizations to tropical pollen-derived carbohydrates. Journal of Allergy and Clinical Immunology, 2014, 133, 910-914.e5.	2.9	40
54	Biochemical, Biophysical and IgE-Epitope Characterization of the Wheat Food Allergen, Tri a 37. PLoS ONE, 2014, 9, e111483.	2.5	24

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55	A combined biochemical, biophysical and immunological approach towards the identification of celiac disease-specific wheat antigens. Amino Acids, 2013, 45, 889-900.	2.7	7
56	Different modes of IgE binding to CD23 revealed with major birch allergen, Bet v 1â€s specific monoclonal IgE. Immunology and Cell Biology, 2013, 91, 167-172.	2.3	13
57	A Nonallergenic Birch Pollen Allergy Vaccine Consisting of Hepatitis PreSâ€“Fused Bet v 1 Peptides Focuses Blocking IgG toward IgE Epitopes and Shifts Immune Responses to a Tolerogenic and Th1 Phenotype. Journal of Immunology, 2013, 190, 3068-3078.	0.8	57
58	Safety of engineered allergen-specific immunotherapy vaccines. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 555-583.	2.3	33
59	Misdirected antibody responses against an Nâ€terminal epitope on human rhinovirus VP1 as explanation for recurrent RV infections. FASEB Journal, 2012, 26, 1001-1008.	0.5	46
60	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.	2.9	92
61	Recombinant allergens: What does the future hold?. Journal of Allergy and Clinical Immunology, 2011, 127, 860-864.	2.9	83
62	Staphylococcus aureus fibronectin-binding protein specifically binds IgE from patients with atopic dermatitis and requires antigen presentation for cellular immune responses. Journal of Allergy and Clinical Immunology, 2011, 128, 82-91.e8.	2.9	41
63	Inconsistent Results of Diagnostic Tools Hamper the Differentiation between Bee and Vespid Venom Allergy. PLoS ONE, 2011, 6, e20842.	2.5	66
64	Altered IgE epitope presentation: A model for hypoallergenic activity revealed for Bet v 1 trimer. Molecular Immunology, 2011, 48, 431-441.	2.2	33
65	Allergen-Specific Immunotherapy: Towards Combination Vaccines for Allergic and Infectious Diseases. Current Topics in Microbiology and Immunology, 2011, 352, 121-140.	1.1	24
66	Expression of a Major Plant Allergen as Membrane-Anchored and Secreted Protein in Human Cells with Preserved T Cell and B Cell Epitopes. International Archives of Allergy and Immunology, 2011, 156, 259-266.	2.1	6
67	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.	0.8	82
68	Tracing antigen signatures in the human IgE repertoire. Molecular Immunology, 2010, 47, 2323-2329.	2.2	13
69	Reassessing the role of hyaluronidase in yellow jacket venom allergy. Journal of Allergy and Clinical Immunology, 2010, 125, 184-190.e1.	2.9	86
70	From Allergen Genes to Allergy Vaccines. Annual Review of Immunology, 2010, 28, 211-241.	21.8	202
71	Visualization of clustered IgE epitopes on Î±-lactalbumin. Journal of Allergy and Clinical Immunology, 2010, 125, 1279-1285.e9.	2.9	48
72	Hypoallergenic derivatives of the major birch pollen allergen Bet v 1 obtained by rational sequence reassembly. Journal of Allergy and Clinical Immunology, 2010, 126, 1024-1031.e8.	2.9	40

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73	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.	0.8	80
74	Cloning, Expression, and Mapping of Allergenic Determinants of Î±S1-Casein, a Major Cowâ€™s Milk Allergen. Journal of Immunology, 2009, 182, 7019-7029.	0.8	62
75	Nonâ€“IgE-mediated chronic allergic skin inflammation revealed with rBet v 1 fragments. Journal of Allergy and Clinical Immunology, 2008, 121, 528-530.e1.	2.9	36
76	Genetic Engineering of the Major Timothy Grass Pollen Allergen, Phl p 6, to Reduce Allergenic Activity and Preserve Immunogenicity. Journal of Immunology, 2007, 179, 1730-1739.	0.8	27
77	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.	0.8	27
78	Engineering combination vaccines for allergic and infectious asthma. World Allergy Organization Journal, 2007, &NA;, S151.	3.5	0
79	Development and characterization of allergen-specific monoclonal antibodies and their inhibitory effects on allergic patients' IgE binding to the major birch pollen allergen Bet v 1. World Allergy Organization Journal, 2007, &NA;, S237-S238.	3.5	0
80	Molecular determinants of allergen-induced effector cell degranulation. Journal of Allergy and Clinical Immunology, 2007, 119, 384-390.	2.9	54
81	Skin test diagnosis of grass pollen allergy with a recombinant hybrid molecule. Journal of Allergy and Clinical Immunology, 2007, 120, 315-321.	2.9	25
82	B cellâ€“derived exosomes can present allergen peptides and activate allergen-specific T cells to proliferate and produce TH2-like cytokines. Journal of Allergy and Clinical Immunology, 2007, 120, 1418-1424.	2.9	171