

F Ferreira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

250
papers

12,179
citations

57
h-index

99
g-index

254
ext. papers

13,564
ext. citations

5.3
avg, IF

5.65
L-index

#	Paper	IF	Citations
250	B Cell Functions in the Development of Type I Allergy and Induction of Immune Tolerance. <i>Handbook of Experimental Pharmacology</i> , 2022 , 268, 249-264	3.2	0
249	The nanotopography of SiO particles impacts the selectivity and 3D fold of bound allergens. <i>Nanoscale</i> , 2021 ,	7.7	3
248	Structural Alterations of Antigens at the Material Interface: An Early Decision Toolbox Facilitating Safe-by-Design Nanovaccine Development. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
247	Ragweed plants grown under elevated CO levels produce pollen which elicit stronger allergic lung inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1718-1730	9.3	7
246	En route to personalized medicine: uncovering distinct IgE reactivity pattern to house dust mite components in Brazilian and Austrian allergic patients. <i>Clinical and Translational Allergy</i> , 2021 , 11, e12004 ^{5.2}	5.2	3
245	Proteomic profiling of commercial dust mite skin prick test solutions and allergy vaccines from India. <i>World Allergy Organization Journal</i> , 2021 , 14, 100516	5.2	0
244	IgE-cross-blocking antibodies to Fagales following sublingual immunotherapy with recombinant Bet v 1. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2555-2564	9.3	3
243	Component-Resolved Diagnosis of American Cockroach () Allergy in Patients From Different Geographical Areas.. <i>Frontiers in Allergy</i> , 2021 , 2, 691627	0	0
242	Chemical modification of ragweed extract results in an increased safety profile while maintaining immunogenicity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2226-2229	9.3	
241	High-affinity Bet v 1-specific secretory IgA antibodies in nasal fluids protect against birch pollen allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2267-2270	9.3	
240	The History, Present and Future of Allergen Standardization in the United States and Europe. <i>Frontiers in Immunology</i> , 2021 , 12, 725831	8.4	3
239	A WAO - ARIA - GALEN consensus document on molecular-based allergy diagnosis (PAMD@): Update 2020. <i>World Allergy Organization Journal</i> , 2020 , 13, 100091	5.2	47
238	Ligand Binding of PR-10 Proteins with a Particular Focus on the Bet v 1 Allergen Family. <i>Current Allergy and Asthma Reports</i> , 2020 , 20, 25	5.6	5
237	N-terminal peptide deletion influences immunological and structural features of Blo t 5. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 1503-1507	9.3	4
236	A hybrid of two major <i>Blomia tropicalis</i> allergens as an allergy vaccine candidate. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 835-847	4.1	6
235	Effect of structural stability on endolysosomal degradation and T-cell reactivity of major shrimp allergen tropomyosin. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2909-2919	9.3	12
234	Identification and Physicochemical Characterization of a New Allergen from. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2

233	Hydrogen/deuterium exchange memory NMR reveals structural epitopes involved in IgE cross-reactivity of allergenic lipid transfer proteins. <i>Journal of Biological Chemistry</i> , 2020 , 295, 17398-17410	5.4	2
232	TGFβ mimetic peptide modulates immune response to grass pollen allergens in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 882-891	9.3	8
231	Purification and biochemical characterization of Hel a 6, a cross-reactive pectate lyase allergen from Sunflower (<i>Helianthus annuus</i> L.) pollen. <i>Scientific Reports</i> , 2020 , 10, 20177	4.9	2
230	Variation in IgE binding potencies of seven <i>Artemisia</i> species depending on content of major allergens. <i>Clinical and Translational Allergy</i> , 2020 , 10, 50	5.2	4
229	Biochemical and functional characterization of a new recombinant phospholipase A inhibitor from <i>Crotalus durissus collilineatus</i> snake serum. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 1545-1553	7.9	0
228	Initiating pollen sensitization - complex source, complex mechanisms. <i>Clinical and Translational Allergy</i> , 2020 , 10, 36	5.2	10
227	Defining biomarkers to predict symptoms in subjects with and without allergy under natural pollen exposure. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 583-594.e6	11.5	14
226	Effectiveness of Grounded Sleeping on Recovery After Intensive Eccentric Muscle Loading. <i>Frontiers in Physiology</i> , 2019 , 10, 35	4.6	3
225	Similar Allergenicity to Different Species Is a Consequence of Highly Cross-Reactive Art v 1-Like Molecules. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	6
224	Proteomic Analysis Reveals Allergen Variability among Breeds of the Dust Mite <i>Blomia tropicalis</i> . <i>International Archives of Allergy and Immunology</i> , 2019 , 180, 159-172	3.7	6
223	Rational Design, Structure-Activity Relationship, and Immunogenicity of Hypoallergenic Pru p 3 Variants. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900336	5.9	9
222	Multiple roles of Bet v 1 ligands in allergen stabilization and modulation of endosomal protease activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2382-2393	9.3	20
221	Localization of Four Allergens in <i>Artemisia</i> Pollen by Immunofluorescent Antibodies. <i>International Archives of Allergy and Immunology</i> , 2019 , 179, 165-172	3.7	4
220	<i>Artemisia</i> pollen allergy in China: Component-resolved diagnosis reveals allergic asthma patients have significant multiple allergen sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 284-293	9.3	28
219	Fusion proteins of flagellin and the major birch pollen allergen Bet v 1 show enhanced immunogenicity, reduced allergenicity, and intrinsic adjuvant activity. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 293-299.e6	11.5	19
218	Distinct epitope structures of defensin-like proteins linked to proline-rich regions give rise to differences in their allergenic activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 431-441	9.3	15
217	Structural basis for cross-reactivity and conformation fluctuation of the major beech pollen allergen Fag s 1. <i>Scientific Reports</i> , 2018 , 8, 10512	4.9	9
216	Biologic effects of nanoparticle-allergen conjugates: time-resolved uptake using an in vitro lung epithelial co-culture model of A549 and THP-1 cells. <i>Environmental Science: Nano</i> , 2018 , 5, 2184-2197	7.1	4

215	Endolysosomal protease susceptibility of Amb a 1 as a determinant of allergenicity. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1488-1491.e5	11.5	6
214	Does clinical outcome of birch pollen immunotherapy relate to induction of blocking antibodies preventing IgE from allergen binding? A pilot study monitoring responses during first year of AIT. <i>Clinical and Translational Allergy</i> , 2018 , 8, 39	5.2	13
213	Context matters: T2 polarization resulting from pollen composition and not from protein-intrinsic allergenicity. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 984-987.e6	11.5	17
212	The somatic proteins of <i>Toxocara canis</i> larvae and excretory-secretory products revealed by proteomics. <i>Veterinary Parasitology</i> , 2018 , 259, 25-34	2.8	17
211	Harmonization of the Genetic Code Effectively Enhances the Recombinant Production of the Major Birch Pollen Allergen Bet v 1. <i>International Archives of Allergy and Immunology</i> , 2018 , 177, 116-122	3.7	1
210	Expression and Characterization of Functional Recombinant Bet v 1.0101 in the Chloroplast of <i>Chlamydomonas reinhardtii</i> . <i>International Archives of Allergy and Immunology</i> , 2017 , 173, 44-50	3.7	12
209	Amb a 1 isoforms: Unequal siblings with distinct immunological features. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1874-1882	9.3	19
208	Allergens of <i>Blomia tropicalis</i> : An Overview of Recombinant Molecules. <i>International Archives of Allergy and Immunology</i> , 2017 , 172, 203-214	3.7	20
207	Tackling Bet v 1 and associated food allergies with a single hybrid protein. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 525-533.e10	11.5	20
206	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	11.5	12
205	T Cell Epitope-Containing Domains of Ragweed Amb a 1 and Mugwort Art v 6 Modulate Immunologic Responses in Humans and Mice. <i>PLoS ONE</i> , 2017 , 12, e0169784	3.7	8
204	NMR resonance assignments of a hypoallergenic isoform of the major birch pollen allergen Bet v 1. <i>Biomolecular NMR Assignments</i> , 2017 , 11, 231-234	0.7	4
203	Two Distinct Conformations in Bet v 2 Determine Its Proteolytic Resistance to Cathepsin S. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	5
202	Identification of Proteases and Protease Inhibitors in Allergenic and Non-Allergenic Pollen. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	12
201	Conjugation of wildtype and hypoallergenic mugwort allergen Art v 1 to flagellin induces IL-10-DC and suppresses allergen-specific TH2-responses in vivo. <i>Scientific Reports</i> , 2017 , 7, 11782	4.9	8
200	Proteomic profiling of the weed feverfew, a neglected pollen allergen source. <i>Scientific Reports</i> , 2017 , 7, 6049	4.9	12
199	Characterization of the T-cell response to Dau c 1, the Bet v 1-homolog in carrot. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 244-251	9.3	10
198	Unbiased Quantitative Proteomics Reveals a Crucial Role of the Allergen Context for the Activation of Human Dendritic Cells. <i>Scientific Reports</i> , 2017 , 7, 16638	4.9	7

197	Multi-Approach Analysis for the Identification of Proteases within Birch Pollen. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
196	The Concept of Pollen Panallergens: Profilins and Polcalcins 2017 , 43-56		
195	Regulatory T Cell Specificity Directs Tolerance versus Allergy against Aeroantigens in Humans. <i>Cell</i> , 2016 , 167, 1067-1078.e16	56.2	170
194	Fold stability during endolysosomal acidification is a key factor for allergenicity and immunogenicity of the major birch pollen allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1525-34	11.5	53
193	Advances in patent applications related to allergen immunotherapy. <i>Expert Opinion on Therapeutic Patents</i> , 2016 , 26, 657-68	6.8	3
192	¹ H, ¹³ C and ¹⁵ N resonance assignments and second structure information of Fag s 1: Fagales allergen from <i>Fagus sylvatica</i> . <i>Biomolecular NMR Assignments</i> , 2016 , 10, 45-8	0.7	2
191	Elevated Toll-Like Receptor-Induced CXCL8 Secretion in Human Blood Basophils from Allergic Donors Is Independent of Toll-Like Receptor Expression Levels. <i>PLoS ONE</i> , 2016 , 11, e0149275	3.7	5
190	Cloning, Purification and Characterization of the Collagenase ColA Expressed by <i>Bacillus cereus</i> ATCC 14579. <i>PLoS ONE</i> , 2016 , 11, e0162433	3.7	10
189	AllergenOnline: A peer-reviewed, curated allergen database to assess novel food proteins for potential cross-reactivity. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1183-98	5.9	81
188	6th International Symposium on Molecular Allergology (ISMA). <i>Clinical and Translational Allergy</i> , 2016 , 6,	5.2	1
187	EAACI Molecular Allergology User's Guide. <i>Pediatric Allergy and Immunology</i> , 2016 , 27 Suppl 23, 1-250	4.2	441
186	How relevant is panallergen sensitization in the development of allergies?. <i>Pediatric Allergy and Immunology</i> , 2016 , 27, 560-8	4.2	32
185	Standardization of allergen products: 2. Detailed characterization of GMP-produced recombinant Phl p 5.0109 as European Pharmacopoeia reference standard. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 495-504	9.3	14
184	Correlation of sensitizing capacity and T-cell recognition within the Bet v 1 family. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 151-8	11.5	32
183	Pollen-derived nonallergenic substances enhance Th2-induced IgE production in B cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 1450-60	9.3	25
182	Pollen-derived adenosine is a necessary cofactor for ragweed allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 944-54	9.3	22
181	Pectate lyase pollen allergens: sensitization profiles and cross-reactivity pattern. <i>PLoS ONE</i> , 2015 , 10, e0120038	3.7	31
180	Allergen hybrids - next generation vaccines for Fagales pollen immunotherapy. <i>Clinical and Experimental Allergy</i> , 2014 , 44, 438-49	4.1	12

179	Solution and high-pressure NMR studies of the structure, dynamics, and stability of the cross-reactive allergenic cod parvalbumin Gad m 1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014 , 82, 3032-42	4.2	18
178	Bet v 1--a Trojan horse for small ligands boosting allergic sensitization?. <i>Clinical and Experimental Allergy</i> , 2014 , 44, 1083-93	4.1	31
177	Update of the WHO/IUIS Allergen Nomenclature Database based on analysis of allergen sequences. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 413-9	9.3	133
176	Glutathione-s-transferase is a minor allergen in birch pollen because of restricted release from hydrated pollen grains. <i>Clinical and Translational Allergy</i> , 2014 , 4,	5.2	78
175	Bet v 1 and homologous food allergens are similarly processed by antigen-presenting cells but differ in T cell reactivity. <i>Clinical and Translational Allergy</i> , 2014 , 4,	5.2	78
174	The impact of nitration on the structure and immunogenicity of the major birch pollen allergen Bet v 1.0101. <i>PLoS ONE</i> , 2014 , 9, e104520	3.7	48
173	Stabilization of the dimeric birch pollen allergen Bet v 1 impacts its immunological properties. <i>Journal of Biological Chemistry</i> , 2014 , 289, 540-51	5.4	23
172	Ligand binding modulates the structural dynamics and compactness of the major birch pollen allergen. <i>Biophysical Journal</i> , 2014 , 107, 2972-2981	2.9	19
171	Differences in the intrinsic immunogenicity and allergenicity of Bet v 1 and related food allergens revealed by site-directed mutagenesis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 208-15	9.3	21
170	Molecular approach to allergy diagnosis and therapy. <i>Yonsei Medical Journal</i> , 2014 , 55, 839-52	3	36
169	Plantago lanceolata: an important trigger of summer pollinosis with limited IgE cross-reactivity. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 472-5	11.5	19
168	Allergens of weed pollen: an overview on recombinant and natural molecules. <i>Methods</i> , 2014 , 66, 55-66	4.6	61
167	Glutathione-S-transferase: a minor allergen in birch pollen due to limited release from hydrated pollen. <i>PLoS ONE</i> , 2014 , 9, e109075	3.7	18
166	Molecule-based diagnosis of Apium graveolens allergy: is there a need to increase the current allergen panel?. <i>Clinical and Translational Allergy</i> , 2013 , 3,	5.2	78
165	¹ H, ¹³ C and ¹⁵ N resonance assignments and second structure information of Gad m 1: a parvalbumin allergen from Atlantic cod (Gadus morhua). <i>Biomolecular NMR Assignments</i> , 2013 , 7, 133-6	0.7	3
164	Allergenic relevance of nonspecific lipid transfer proteins 2: Identification and characterization of Api g 6 from celery tuber as representative of a novel IgE-binding protein family. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 2061-70	5.9	23
163	Recombinant allergens for pollen immunotherapy. <i>Immunotherapy</i> , 2013 , 5, 1323-38	3.8	11
162	Peach allergy in China: a dominant role for mugwort pollen lipid transfer protein as a primary sensitizer. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 224-6.e1-3	11.5	70

161	The fold variant BM4 is beneficial in a therapeutic Bet v 1 mouse model. <i>BioMed Research International</i> , 2013 , 2013, 832404	3	11
160	Previously undescribed grass pollen antigens are the major inducers of T helper 2 cytokine-producing T cells in allergic individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3459-64	11.5	57
159	Novel allergens from ancient foods: Man e 5 from manioc (<i>Manihot esculenta</i> Crantz) cross reacts with Hev b 5 from latex. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1100-9	5.9	10
158	Molecular and immunological characterization of ragweed (<i>Ambrosia artemisiifolia</i> L.) pollen after exposure of the plants to elevated ozone over a whole growing season. <i>PLoS ONE</i> , 2013 , 8, e61518	3.7	48
157	Proteomic and immunochemical characterization of glutathione transferase as a new allergen of the nematode <i>Ascaris lumbricoides</i> . <i>PLoS ONE</i> , 2013 , 8, e78353	3.7	46
156	Expression of the major mugwort pollen allergen Art v 1 in tobacco plants and cell cultures: problems and perspectives for allergen production in plants. <i>Plant Cell Reports</i> , 2012 , 31, 561-71	5.1	6
155	A hypoallergenic variant of the major birch pollen allergen shows distinct characteristics in antigen processing and T-cell activation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012 , 67, 1375-82	9.3	20
154	Das Konzept der Pollen-Panallergene: Profilin und Polcalcine. <i>Allergo Journal</i> , 2012 , 21, 291-293	0	13
153	Crystallographically mapped ligand binding differs in high and low IgE binding isoforms of birch pollen allergen bet v 1. <i>Journal of Molecular Biology</i> , 2012 , 422, 109-23	6.5	73
152	Developments in the field of allergy in 2011 through the eyes of Clinical and Experimental Allergy. <i>Clinical and Experimental Allergy</i> , 2012 , 42, 1697-723	4.1	2
151	Specific allergen concentration of WHO and FDA reference preparations measured using a multiple allergen standard. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 1408-10	11.5	14
150	A multi-allergen standard for the calibration of immunoassays: CREATE principles applied to eight purified allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012 , 67, 235-41	9.3	34
149	Humoral and cellular cross-reactivity between Amb a 1, the major ragweed pollen allergen, and its mugwort homolog Art v 6. <i>Journal of Immunology</i> , 2012 , 188, 1559-67	5.3	41
148	Distinct roles of secreted HtrA proteases from gram-negative pathogens in cleaving the junctional protein and tumor suppressor E-cadherin. <i>Journal of Biological Chemistry</i> , 2012 , 287, 10115-10120	5.4	122
147	Nitration of the pollen allergen bet v 1.0101 enhances the presentation of bet v 1-derived peptides by HLA-DR on human dendritic cells. <i>PLoS ONE</i> , 2012 , 7, e31483	3.7	47
146	Heat-induced structural changes affect OVA-antigen processing and reduce allergic response in mouse model of food allergy. <i>PLoS ONE</i> , 2012 , 7, e37156	3.7	39
145	Reshaping the Bet v 1 fold modulates T(H) polarization. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 1571-8.e9	11.5	40
144	Allergic reactions to manioc (<i>Manihot esculenta</i> Crantz): identification of novel allergens with potential involvement in latex-fruit syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 1367-9	11.5	15

143	Sensitization prevalence, antibody cross-reactivity and immunogenic peptide profile of Api g 2, the non-specific lipid transfer protein 1 of celery. <i>PLoS ONE</i> , 2011 , 6, e24150	3.7	44
142	N-nitrosodiethylamine genotoxicity evaluation: a cytochrome P450 induction study in rat hepatocytes. <i>Genetics and Molecular Research</i> , 2011 , 10, 2340-8	1.2	8
141	Assessing protein immunogenicity with a dendritic cell line-derived endolysosomal degradome. <i>PLoS ONE</i> , 2011 , 6, e17278	3.7	55
140	Kiwifruit Act d 11 is the first member of the ripening-related protein family identified as an allergen. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011 , 66, 870-7	9.3	57
139	Pru p 3, the nonspecific lipid transfer protein from peach, dominates the immune response to its homolog in hazelnut. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011 , 66, 1005-13	9.3	37
138	Bet v 1-like pollen allergens of multiple Fagales species can sensitize atopic individuals. <i>Clinical and Experimental Allergy</i> , 2011 , 41, 1804-14	4.1	53
137	Ozone affects pollen viability and NAD(P)H oxidase release from <i>Ambrosia artemisiifolia</i> pollen. <i>Environmental Pollution</i> , 2011 , 159, 2823-30	9.3	46
136	Proteomic profiling of birch (<i>Betula verrucosa</i>) pollen extracts from different origins. <i>Proteomics</i> , 2011 , 11, 1486-98	4.8	47
135	Molecular characterization of Api g 2, a novel allergenic member of the lipid-transfer protein 1 family from celery stalks. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 568-77	5.9	23
134	Glutaraldehyde-Modified Recombinant Fel d 1: A Hypoallergen With Negligible Biological Activity But Retained Immunogenicity. <i>World Allergy Organization Journal</i> , 2011 , 4, 113-9	5.2	4
133	Allergenicity of <i>Ascaris lumbricoides</i> tropomyosin and IgE sensitization among asthmatic patients in a tropical environment. <i>International Archives of Allergy and Immunology</i> , 2011 , 154, 195-206	3.7	46
132	Is aboriginal food less allergenic? Comparing IgE-reactivity of eggs from modern and ancient chicken breeds in a cohort of allergic children. <i>PLoS ONE</i> , 2011 , 6, e19062	3.7	12
131	Molecular metamorphosis in polcalcin allergens by EF-hand rearrangements and domain swapping. <i>FEBS Journal</i> , 2010 , 277, 2598-2610	5.7	11
130	Antigen aggregation decides the fate of the allergic immune response. <i>Journal of Immunology</i> , 2010 , 184, 725-35	5.3	46
129	A new allergen from ragweed (<i>Ambrosia artemisiifolia</i>) with homology to art v 1 from mugwort. <i>Journal of Biological Chemistry</i> , 2010 , 285, 27192-27200	5.4	61
128	From allergen genes to allergy vaccines. <i>Annual Review of Immunology</i> , 2010 , 28, 211-41	34.7	175
127	Naturally processed T cell-activating peptides of the major birch pollen allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 711-8, 718.e1-718.e2	11.5	48
126	Designing hypoallergenic derivatives for allergy treatment by means of in silico mutation and screening. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 926-934.e10	11.5	36

125	The T-cell response to Amb a 1 is characterized by 3 dominant epitopes and multiple MHC restriction elements. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 1068-71, 1071.e1-2	11.5	17
124	Targeting the cysteine-stabilized fold of Art v 1 for immunotherapy of Artemisia pollen allergy. <i>Molecular Immunology</i> , 2010 , 47, 1292-8	4.3	23
123	Differential T-cell responses and allergen uptake after exposure of dendritic cells to the birch pollen allergens Bet v 1.0101, Bet v 1.0401 and Bet v 1.1001. <i>Immunobiology</i> , 2010 , 215, 903-9	3.4	24
122	Prophylactic mRNA vaccination against allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2010 , 10, 567-74	3.3	25
121	The role of lipid transfer proteins in allergic diseases. <i>Current Allergy and Asthma Reports</i> , 2010 , 10, 326-35	3.5	115
120	Mapping the interactions between a major pollen allergen and human IgE antibodies. <i>Structure</i> , 2010 , 18, 1011-21	5.2	44
119	Characterization of plant food allergens: an overview on physicochemical and immunological techniques. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 93-112	5.9	30
118	Panallergens and their impact on the allergic patient. <i>Allergy, Asthma and Clinical Immunology</i> , 2010 , 6, 1	3.2	196
117	Diclofenac hypersensitivity: antibody responses to the parent drug and relevant metabolites. <i>PLoS ONE</i> , 2010 , 5, e13707	3.7	39
116	The influence of recombinant production on the immunologic behavior of birch pollen isoallergens. <i>PLoS ONE</i> , 2009 , 4, e8457	3.7	18
115	Role of the polypeptide backbone and post-translational modifications in cross-reactivity of Art v 1, the major mugwort pollen allergen. <i>Biological Chemistry</i> , 2009 , 390, 445-51	4.5	24
114	Sequence-specific 1H, 15N and 13C resonance assignments of Art v 1: a proline-rich allergen of <i>Artemisia vulgaris</i> pollen. <i>Biomolecular NMR Assignments</i> , 2009 , 3, 103-6	0.7	5
113	Immunologic characterization of isoforms of Car b 1 and Que a 1, the major hornbeam and oak pollen allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009 , 64, 452-60	9.3	35
112	Identification of B-cell epitopes of Bet v 1 involved in cross-reactivity with food allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009 , 64, 647-51	9.3	39
111	Standardization of allergen products: 1. Detailed characterization of GMP-produced recombinant Bet v 1.0101 as biological reference preparation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009 , 64, 1038-45	9.3	56
110	Immune recognition of novel isoforms and domains of the mugwort pollen major allergen Art v 1. <i>Molecular Immunology</i> , 2009 , 46, 416-21	4.3	24
109	The alpha and beta subchain of Amb a 1, the major ragweed-pollen allergen show divergent reactivity at the IgE and T-cell level. <i>Molecular Immunology</i> , 2009 , 46, 2090-7	4.3	25
108	Isoform identification and characterization of Art v 3, the lipid-transfer protein of mugwort pollen. <i>Molecular Immunology</i> , 2009 , 46, 1919-24	4.3	38

107	Immunize and disappear-safety-optimized mRNA vaccination with a panel of 29 allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 1070-7.e1-11	11.5	55
106	The CREATE project: development of certified reference materials for allergenic products and validation of methods for their quantification. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008 , 63, 310-26	9.3	148
105	Molecular and immunological characterization of novel weed pollen pan-allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008 , 63, 872-81	9.3	41
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