

# F Ferreira

## List of Publications by Citations

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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	Profilins constitute a novel family of functional plant pan-allergens. <i>Journal of Experimental Medicine</i> , <b>1992</b> , 175, 377-85	16.6	532
249	EAACI Molecular Allergology User's Guide. <i>Pediatric Allergy and Immunology</i> , <b>2016</b> , 27 Suppl 23, 1-250	4.2	441
248	Microarrayed allergen molecules: diagnostic gatekeepers for allergy treatment. <i>FASEB Journal</i> , <b>2002</b> , 16, 414-6	0.9	372
247	Allergens are distributed into few protein families and possess a restricted number of biochemical functions. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 121, 847-52.e7	11.5	361
246	Dissection of immunoglobulin E and T lymphocyte reactivity of isoforms of the major birch pollen allergen Bet v 1: potential use of hypoallergenic isoforms for immunotherapy. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 183, 599-609	16.6	270
245	Crystal structure of a hypoallergenic isoform of the major birch pollen allergen Bet v 1 and its likely biological function as a plant steroid carrier. <i>Journal of Molecular Biology</i> , <b>2003</b> , 325, 123-33	6.5	245
244	Modulation of IgE reactivity of allergens by site-directed mutagenesis: potential use of hypoallergenic variants for immunotherapy. <i>FASEB Journal</i> , <b>1998</b> , 12, 231-42	0.9	243
243	Identification of common allergenic structures in hazel pollen and hazelnuts: a possible explanation for sensitivity to hazelnuts in patients allergic to tree pollen. <i>Journal of Allergy and Clinical Immunology</i> , <b>1992</b> , 90, 927-36	11.5	242
242	Panallergens and their impact on the allergic patient. <i>Allergy, Asthma and Clinical Immunology</i> , <b>2010</b> , 6, 1	3.2	196
241	Nomenclature and structural biology of allergens. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 119, 414-20	11.5	194
240	Allergic cross-reactivity: from gene to the clinic. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2004</b> , 59, 243-67	9.3	190
239	Pollen-food syndromes associated with weed pollinosis: an update from the molecular point of view. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 61, 461-76	9.3	177
238	From allergen genes to allergy vaccines. <i>Annual Review of Immunology</i> , <b>2010</b> , 28, 211-41	34.7	175
237	Regulatory T Cell Specificity Directs Tolerance versus Allergy against Aeroantigens in Humans. <i>Cell</i> , <b>2016</b> , 167, 1067-1078.e16	56.2	170
236	Skin testing with recombinant allergens rBet v 1 and birch profilin, rBet v 2: diagnostic value for birch pollen and associated allergies. <i>Journal of Allergy and Clinical Immunology</i> , <b>1996</b> , 97, 1100-9	11.5	163
235	IgE-mediated immediate-type hypersensitivity to the pyrazolone drug propylphenazone. <i>Journal of Allergy and Clinical Immunology</i> , <b>2003</b> , 111, 882-8	11.5	155
234	Isoforms of Bet v 1, the major birch pollen allergen, analyzed by liquid chromatography, mass spectrometry, and cDNA cloning. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 2607-13	5.4	155

233	Four recombinant isoforms of Cor a I, the major allergen of hazel pollen, show different IgE-binding properties. <i>FEBS Journal</i> , <b>1993</b> , 212, 355-62		151
232	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> , <b>2008</b> , 63, 310-26	9.3	148
231	Update of the WHO/IUIS Allergen Nomenclature Database based on analysis of allergen sequences. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 69, 413-9	9.3	133
230	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> , <b>2012</b> , 287, 10115-10120	5.4	122
229	Plant-based heterologous expression of Mal d 2, a thaumatin-like protein and allergen of apple ( <i>Malus domestica</i> ), and its characterization as an antifungal protein. <i>Journal of Molecular Biology</i> , <b>2003</b> , 329, 721-30	6.5	121
228	The spectrum of allergens in ragweed and mugwort pollen. <i>International Archives of Allergy and Immunology</i> , <b>2005</b> , 138, 337-46	3.7	120
227	The role of lipid transfer proteins in allergic diseases. <i>Current Allergy and Asthma Reports</i> , <b>2010</b> , 10, 326-35	3.5	115
226	Art v 1, the major allergen of mugwort pollen, is a modular glycoprotein with a defensin-like and a hydroxyproline-rich domain. <i>FASEB Journal</i> , <b>2003</b> , 17, 106-8	0.9	111
225	Identification of multiple T cell epitopes on Bet v I, the major birch pollen allergen, using specific T cell clones and overlapping peptides. <i>Journal of Immunology</i> , <b>1993</b> , 150, 1047-54	5.3	109
224	Cross-reactive and species-specific immunoglobulin E epitopes of plant profilins: an experimental and structure-based analysis. <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 920-9	4.1	101
223	Molecular characterization of an autoallergen, Hom s 1, identified by serum IgE from atopic dermatitis patients. <i>Journal of Investigative Dermatology</i> , <b>1998</b> , 111, 1178-83	4.3	98
222	Immunological and biological properties of Bet v 4, a novel birch pollen allergen with two EF-hand calcium-binding domains. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 28630-7	5.4	97
221	IgE-binding epitopes of enolases, a class of highly conserved fungal allergens. <i>Journal of Allergy and Clinical Immunology</i> , <b>2000</b> , 106, 887-95	11.5	96
220	Genomic characterization of members of the Bet v 1 family: genes coding for allergens and pathogenesis-related proteins share intron positions. <i>Gene</i> , <b>1997</b> , 197, 91-100	3.8	95
219	Two novel types of O-glycans on the mugwort pollen allergen Art v 1 and their role in antibody binding. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 7932-40	5.4	94
218	IgE sensitization profiles toward green and gold kiwifruits differ among patients allergic to kiwifruit from 3 European countries. <i>Journal of Allergy and Clinical Immunology</i> , <b>2004</b> , 114, 1169-75	11.5	88
217	Complementary DNA cloning and expression in <i>Escherichia coli</i> of Aln g I, the major allergen in pollen of alder ( <i>Alnus glutinosa</i> ). <i>Journal of Allergy and Clinical Immunology</i> , <b>1992</b> , 90, 909-17	11.5	86
216	The European Union CREATE project: a model for international standardization of allergy diagnostics and vaccines. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 122, 882-889.e2	11.5	83

215	Identification of profilin as an actin-binding protein in higher plants. <i>Journal of Biological Chemistry</i> , <b>1993</b> , 268, 22777-81	5.4	83
214	AllergenOnline: A peer-reviewed, curated allergen database to assess novel food proteins for potential cross-reactivity. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 1183-98	5.9	81
213	Gene gun bombardment with gold particles displays a particular Th2-promoting signal that over-rides the Th1-inducing effect of immunostimulatory CpG motifs in DNA vaccines. <i>Vaccine</i> , <b>2002</b> , 20, 3148-54	4.1	79
212	Glutathione-s-transferase is a minor allergen in birch pollen because of restricted release from hydrated pollen grains. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4,	5.2	78
211	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> , <b>2014</b> , 4,	5.2	78
210	Molecule-based diagnosis of <i>Apium graveolens</i> allergy: is there a need to increase the current allergen panel?. <i>Clinical and Translational Allergy</i> , <b>2013</b> , 3,	5.2	78
209	Immune responses after immunization with plasmid DNA encoding Bet v 1, the major allergen of birch pollen. <i>Journal of Allergy and Clinical Immunology</i> , <b>1999</b> , 103, 107-13	11.5	78
208	Identification of profilin as an actin-binding protein in higher plants.. <i>Journal of Biological Chemistry</i> , <b>1993</b> , 268, 22777-22781	5.4	78
207	Array-based profiling of ragweed and mugwort pollen allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 63, 1543-9	9.3	74
206	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> , <b>2012</b> , 422, 109-23	6.5	73
205	Artemisia and Ambrosia hypersensitivity: co-sensitization or co-recognition?. <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 658-65	4.1	73
204	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> , <b>2013</b> , 131, 224-6.e1-3	11.5	70
203	Induction of specific histamine release from basophils with purified natural and recombinant birch pollen allergens. <i>Journal of Allergy and Clinical Immunology</i> , <b>1993</b> , 91, 88-97	11.5	68
202	Biology of weed pollen allergens. <i>Current Allergy and Asthma Reports</i> , <b>2004</b> , 4, 391-400	5.6	65
201	Serological and skin-test diagnosis of birch pollen allergy with recombinant Bet v I, the major birch pollen allergen. <i>Clinical and Experimental Allergy</i> , <b>1996</b> , 26, 50-60	4.1	63
200	Cloning of oleosin, a putative new hazelnut allergen, using a hazelnut cDNA library. <i>Molecular Nutrition and Food Research</i> , <b>2006</b> , 50, 18-23	5.9	62
199	Mutational analysis of amino acid positions crucial for IgE-binding epitopes of the major apple ( <i>Malus domestica</i> ) allergen, Mal d 1. <i>International Archives of Allergy and Immunology</i> , <b>2006</b> , 139, 53-62	3.7	62
198	Allergens of weed pollen: an overview on recombinant and natural molecules. <i>Methods</i> , <b>2014</b> , 66, 55-66	4.6	61

197	A new allergen from ragweed ( <i>Ambrosia artemisiifolia</i> ) with homology to art v 1 from mugwort. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 27192-27200	5.4	61
196	The T cell response to Art v 1, the major mugwort pollen allergen, is dominated by one epitope. <i>Journal of Immunology</i> , <b>2002</b> , 169, 6005-11	5.3	61
195	Association between IgE response against Bet v I, the major allergen of birch pollen, and HLA-DRB alleles. <i>Human Immunology</i> , <b>1992</b> , 33, 259-65	2.3	59
194	High-level expression and purification of the major birch pollen allergen, Bet v 1. <i>Protein Expression and Purification</i> , <b>1997</b> , 9, 33-9	2	58
193	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> , <b>2013</b> , 110, 3459-64	11.5	57
192	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> , <b>2011</b> , 66, 870-7	9.3	57
191	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> , <b>2009</b> , 64, 1038-45	9.3	56
190	Antigen presentation of the immunodominant T-cell epitope of the major mugwort pollen allergen, Art v 1, is associated with the expression of HLA-DRB1 *01. <i>Journal of Allergy and Clinical Immunology</i> , <b>2005</b> , 115, 399-404	11.5	56
189	Assessing protein immunogenicity with a dendritic cell line-derived endolysosomal degradome. <i>PLoS ONE</i> , <b>2011</b> , 6, e17278	3.7	55
188	Immunize and disappear-safety-optimized mRNA vaccination with a panel of 29 allergens. <i>Journal of Allergy and Clinical Immunology</i> , <b>2009</b> , 124, 1070-7.e1-11	11.5	55
187	Multiple T cell specificities for Bet v I, the major birch pollen allergen, within single individuals. Studies using specific T cell clones and overlapping peptides. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 1523-7	6.1	54
186	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> , <b>2016</b> , 137, 1525-34	11.5	53
185	Bet v 1-like pollen allergens of multiple Fagales species can sensitize atopic individuals. <i>Clinical and Experimental Allergy</i> , <b>2011</b> , 41, 1804-14	4.1	53
184	Enolases are highly conserved fungal allergens. <i>International Archives of Allergy and Immunology</i> , <b>1997</b> , 113, 114-7	3.7	53
183	Molecular cloning and immunological characterisation of Cyn d 7, a novel calcium-binding allergen from Bermuda grass pollen. <i>FEBS Letters</i> , <b>1997</b> , 402, 167-72	3.8	53
182	Fagales pollen sensitization in a birch-free area: a respiratory cohort survey using Fagales pollen extracts and birch recombinant allergens (rBet v 1, rBet v 2, rBet v 4). <i>Clinical and Experimental Allergy</i> , <b>2003</b> , 33, 1419-28	4.1	53
181	Cloning and molecular and immunological characterisation of two new food allergens, Cap a 2 and Lyc e 1, profilins from bell pepper ( <i>Capsicum annuum</i> ) and Tomato ( <i>Lycopersicon esculentum</i> ). <i>International Archives of Allergy and Immunology</i> , <b>2003</b> , 131, 245-55	3.7	53
180	Genetic engineering of allergens: future therapeutic products. <i>International Archives of Allergy and Immunology</i> , <b>2002</b> , 128, 171-8	3.7	53

179	Molecular and physiological characterisation of a 14-3-3 protein from lily pollen grains regulating the activity of the plasma membrane H <sup>+</sup> ATPase during pollen grain germination and tube growth. <i>Planta</i> , <b>2001</b> , 213, 132-41	4.7	49
178	The impact of nitration on the structure and immunogenicity of the major birch pollen allergen Bet v 1.0101. <i>PLoS ONE</i> , <b>2014</b> , 9, e104520	3.7	48
177	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> , <b>2013</b> , 8, e61518	3.7	48
176	Naturally processed T cell-activating peptides of the major birch pollen allergen. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 125, 711-8, 718.e1-718.e2	11.5	48
175	A WAO - ARIA - GALEN consensus document on molecular-based allergy diagnosis (PAMD@): Update 2020. <i>World Allergy Organization Journal</i> , <b>2020</b> , 13, 100091	5.2	47
174	Proteomic profiling of birch ( <i>Betula verrucosa</i> ) pollen extracts from different origins. <i>Proteomics</i> , <b>2011</b> , 11, 1486-98	4.8	47
173	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> , <b>2012</b> , 7, e31483	3.7	47
172	Proteomic and immunochemical characterization of glutathione transferase as a new allergen of the nematode <i>Ascaris lumbricoides</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e78353	3.7	46
171	Ozone affects pollen viability and NAD(P)H oxidase release from <i>Ambrosia artemisiifolia</i> pollen. <i>Environmental Pollution</i> , <b>2011</b> , 159, 2823-30	9.3	46
170	Antigen aggregation decides the fate of the allergic immune response. <i>Journal of Immunology</i> , <b>2010</b> , 184, 725-35	5.3	46
169	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> , <b>2011</b> , 154, 195-206	3.7	46
168	Prevalence of IgE-binding to Art v 1, Art v 4 and Amb a 1 in mugwort-allergic patients. <i>International Archives of Allergy and Immunology</i> , <b>2008</b> , 145, 94-101	3.7	46
167	A mutant of the major apple allergen, Mal d 1, demonstrating hypo-allergenicity in the target organ by double-blind placebo-controlled food challenge. <i>Clinical and Experimental Allergy</i> , <b>2005</b> , 35, 1638-44	4.1	45
166	Molecular and immunological characterization of profilin from mugwort pollen. <i>Biological Chemistry</i> , <b>2002</b> , 383, 1779-89	4.5	45
165	Reduced in vivo allergenicity of Bet v 1d isoform, a natural component of birch pollen. <i>Journal of Allergy and Clinical Immunology</i> , <b>1999</b> , 104, 1239-43	11.5	45
164	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> , <b>2011</b> , 6, e24150	3.7	44
163	Mapping the interactions between a major pollen allergen and human IgE antibodies. <i>Structure</i> , <b>2010</b> , 18, 1011-21	5.2	44
162	Prevention of allergen-specific IgE production and suppression of an established Th2-type response by immunization with DNA encoding hypoallergenic allergen derivatives of Bet v 1, the major birch-pollen allergen. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 1667-76	6.1	44

161	Characterization of the protective and therapeutic efficiency of a DNA vaccine encoding the major birch pollen allergen Bet v 1a. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2004</b> , 59, 65-73	9.3	43
160	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> , <b>2012</b> , 188, 1559-67	5.3	41
159	Molecular and immunological characterization of novel weed pollen pan-allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 63, 872-81	9.3	41
158	Solution structure, dynamics, and hydrodynamics of the calcium-bound cross-reactive birch pollen allergen Bet v 4 reveal a canonical monomeric two EF-hand assembly with a regulatory function. <i>Journal of Molecular Biology</i> , <b>2004</b> , 336, 1141-57	6.5	41
157	T cell clones specific for Bet v I, the major birch pollen allergen, crossreact with the major allergens of hazel, Cor a I, and alder, Aln g I. <i>Molecular Immunology</i> , <b>1993</b> , 30, 1323-9	4.3	41
156	Reshaping the Bet v 1 fold modulates T(H) polarization. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 127, 1571-8.e9	11.5	40
155	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> , <b>2009</b> , 64, 647-51	9.3	39
154	Native Art v 1 and recombinant Art v 1 are able to induce humoral and T cell-mediated in vitro and in vivo responses in mugwort allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2003</b> , 111, 1328-36	11.5	39
153	Isoforms of the major allergen of birch pollen induce different immune responses after genetic immunization. <i>International Archives of Allergy and Immunology</i> , <b>1999</b> , 120, 17-29	3.7	39
152	Diclofenac hypersensitivity: antibody responses to the parent drug and relevant metabolites. <i>PLoS ONE</i> , <b>2010</b> , 5, e13707	3.7	39
151	Heat-induced structural changes affect OVA-antigen processing and reduce allergic response in mouse model of food allergy. <i>PLoS ONE</i> , <b>2012</b> , 7, e37156	3.7	39
150	Isoform identification and characterization of Art v 3, the lipid-transfer protein of mugwort pollen. <i>Molecular Immunology</i> , <b>2009</b> , 46, 1919-24	4.3	38
149	Calcium-binding proteins and their role in allergic diseases. <i>Immunology and Allergy Clinics of North America</i> , <b>2007</b> , 27, 29-44	3.3	38
148	Induction of IgE antibodies with predefined specificity in rhesus monkeys with recombinant birch pollen allergens, Bet v 1 and Bet v 2. <i>Journal of Allergy and Clinical Immunology</i> , <b>1996</b> , 97, 95-103	11.5	38
147	Profilin, a Novel Plant Pan-Allergen. <i>International Archives of Allergy and Immunology</i> , <b>1992</b> , 99, 271-273	3.7	38
146	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> , <b>2011</b> , 66, 1005-13	9.3	37
145	Generation of hypoallergenic DNA vaccines by forced ubiquitination: preventive and therapeutic effects in a mouse model of allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 118, 269-76	11.5	37
144	Molecular approach to allergy diagnosis and therapy. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 839-52	3	36

143	Designing hypoallergenic derivatives for allergy treatment by means of in silico mutation and screening. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 125, 926-934.e10	11.5	36
142	Characterization of recombinant Mal d 4 and its application for component-resolved diagnosis of apple allergy. <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 1087-96	4.1	36
141	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> , <b>2009</b> , 64, 452-60	9.3	35
140	Allergy multivaccines created by DNA shuffling of tree pollen allergens. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 120, 374-80	11.5	35
139	A recombinant allergen chimer as novel mucosal vaccine candidate for prevention of multi-sensitivities. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 62, 33-41	9.3	35
138	Induction of IgE antibodies in mice and rhesus monkeys with recombinant birch pollen allergens: different allergenicity of Bet v 1 and Bet v 2. <i>Journal of Allergy and Clinical Immunology</i> , <b>1996</b> , 98, 913-21	11.5	35
137	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> , <b>2012</b> , 67, 235-41	9.3	34
136	Modified recombinant allergens for safer immunotherapy. <i>Inflammation and Allergy: Drug Targets</i> , <b>2006</b> , 5, 5-14		34
135	Allergenicity assessment of apple cultivars: hurdles in quantifying labile fruit allergens. <i>International Archives of Allergy and Immunology</i> , <b>2006</b> , 141, 230-40	3.7	33
134	Long-lived Th2 clones specific for seasonal and perennial allergens can be detected in blood and skin by their TCR-hypervariable regions. <i>Journal of Immunology</i> , <b>1998</b> , 160, 2022-7	5.3	33
133	Correlation of sensitizing capacity and T-cell recognition within the Bet v 1 family. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 151-8	11.5	32
132	Purification, characterization and N-terminal amino acid sequence of a new major allergen from European chestnut pollen--Cas s 1. <i>Biochemical and Biophysical Research Communications</i> , <b>1993</b> , 196, 1086-92	3.4	32
131	How relevant is panallergen sensitization in the development of allergies?. <i>Pediatric Allergy and Immunology</i> , <b>2016</b> , 27, 560-8	4.2	32
130	Bet v 1--a Trojan horse for small ligands boosting allergic sensitization?. <i>Clinical and Experimental Allergy</i> , <b>2014</b> , 44, 1083-93	4.1	31
129	Pectate lyase pollen allergens: sensitization profiles and cross-reactivity pattern. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120038	3.7	31
128	Isoforms of atopic allergens with reduced allergenicity but conserved T cell antigenicity: possible use for specific immunotherapy. <i>International Archives of Allergy and Immunology</i> , <b>1997</b> , 113, 125-7	3.7	31
127	Characterization of plant food allergens: an overview on physicochemical and immunological techniques. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54, 93-112	5.9	30
126	Is genetic vaccination against allergy possible?. <i>International Archives of Allergy and Immunology</i> , <b>2006</b> , 139, 332-45	3.7	30



125	The influence of CpG motifs on a protein or DNA-based Th2-type immune response against major pollen allergens Bet v 1a, Phl p 2 and Escherichia coli-derived beta-galactosidase. <i>International Archives of Allergy and Immunology</i> , <b>2001</b> , 124, 406-10	3.7	30
124	Recombinant allergens: the future of the diagnosis and treatment of atopic allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>1998</b> , 53, 62-6	9.3	28
123	Artemisia 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> , <b>2019</b> , 74, 284-293	9.3	28
122	Four recombinant isoforms of Cor a 1, the major allergen of hazel pollen, show different reactivities with allergen-specific T-lymphocyte clones. <i>FEBS Journal</i> , <b>1994</b> , 224, 717-22		27
121	Cross-reacting allergens in tree pollen and pollen-related food allergy: implications for diagnosis of specific IgE. <i>International Archives of Allergy and Immunology</i> , <b>1997</b> , 113, 105-8	3.7	26
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