

Karin Hoffmann-Sommergruber

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.

189
papers

9,842
citations

54
h-index

93
g-index

198
ext. papers

11,276
ext. citations

5.2
avg. IF

5.65
L-index

#	Paper	IF	Citations
189	COVID-19 vaccination in patients receiving allergen immunotherapy (AIT) or biologicals - EAACI recommendations.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022 ,	9.3	1
188	Nahrungsmittelunverträglichkeiten - eine diagnostische Herausforderung. <i>Allergo Journal</i> , 2022 , 31, 32-48	0	
187	A Highly Sensitive Cell-Based TLR Reporter Platform for the Specific Detection of Bacterial TLR Ligands.. <i>Frontiers in Immunology</i> , 2021 , 12, 817604	8.4	1
186	Proposal of 0.5µmg of protein/100g of processed food as threshold for voluntary declaration of food allergen traces in processed food-A first step in an initiative to better inform patients and avoid fatal allergic reactions: A GALEN position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	2
185	Component-resolved diagnosis in adult patients with food-dependent anaphylaxis. <i>World Allergy Organization Journal</i> , 2021 , 14, 100530	5.2	2
184	Cow's Milk Processing-Friend or Foe in Food Allergy?. <i>Foods</i> , 2021 , 10,	4.9	8
183	The diagnosis and management of allergic reactions in patients sensitized to non-specific lipid transfer proteins. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2433-2446	9.3	13
182	Allergens and their associated small molecule ligands-their dual role in sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2367-2382	9.3	5
181	Non-specific lipid-transfer proteins: Allergen structure and function, cross-reactivity, sensitization, and epidemiology. <i>Clinical and Translational Allergy</i> , 2021 , 11, e12010	5.2	11
180	Estimating the Risk of Severe Peanut Allergy Using Clinical Background and IgE Sensitization Profiles.. <i>Frontiers in Allergy</i> , 2021 , 2, 670789	0	3
179	ARIA-EAACI statement on severe allergic reactions to COVID-19 vaccines - An EAACI-ARIA Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1624-1628	9.3	34
178	COVID-19 pandemic: Practical considerations on the organization of an allergy clinic-An EAACI/ARIA Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 648-676	9.3	46
177	ARIA-EAACI statement on asthma and COVID-19 (June 2, 2020). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 689-697	9.3	31
176	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	5.4	5
175	Are Physicochemical Properties Shaping the Allergenic Potency of Animal Allergens?. <i>Clinical Reviews in Allergy and Immunology</i> , 2021 , 1	12.3	41
174	The COMPARE Database: A Public Resource for Allergen Identification, Adapted for Continuous Improvement.. <i>Frontiers in Allergy</i> , 2021 , 2, 700533	0	3
173	COVID-19 pandemic and allergen immunotherapy-an EAACI survey. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 3504-3516	9.3	16

172	Management of anaphylaxis due to COVID-19 vaccines in the elderly. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2952-2964	9.3	7
171	Rare food allergens. <i>Allergologie Select</i> , 2021 , 5, 29-32	4.1	1
170	Highlights and recent developments in allergic diseases in EAACI journals (2019). <i>Clinical and Translational Allergy</i> , 2020 , 10, 56	5.2	2
169	COST Action 'ImpARAS': what have we learnt to improve food allergy risk assessment. A summary of a 4 year networking consortium. <i>Clinical and Translational Allergy</i> , 2020 , 10, 13	5.2	13
168	Intranasal corticosteroids in allergic rhinitis in COVID-19 infected patients: An ARIA-EAACI statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2440-2444	9.3	81
167	The clinical impact of cross-reactions between allergens on allergic skin diseases. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2020 , 20, 374-380	3.3	0
166	Immunology of COVID-19: Mechanisms, clinical outcome, diagnostics, and perspectives-A report of the European Academy of Allergy and Clinical Immunology (EAACI). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2445-2476	9.3	81
165	Handling of allergen immunotherapy in the COVID-19 pandemic: An ARIA-EAACI statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 1546-1554	9.3	57
164	Allergen immunotherapy in the current COVID-19 pandemic: A position paper of AeDA, ARIA, EAACI, DGAKI and GPA: Position paper of the German ARIA Group in cooperation with the Austrian ARIA Group, the Swiss ARIA Group, German Society for Applied Allergology (AEDA), German Society for Allergology and Clinical Immunology (DGAKI), Society for Pediatric Allergology (GPA) in cooperation with AG Clinical Immunology, Allergology and Environmental Medicine of the DGHM, F.H. and the European Academy of Allergy and Clin. <i>Allergologie Select</i> , 2020 , 4, 44-52	4.1	14
163	Prioritizing Research Challenges and Funding for Allergy and Asthma and the Need for Translational Research - The European Strategic Forum on Allergic Diseases. <i>Pediatricska Farmakologija</i> , 2020 , 16, 281-295	0.5	0
162	EAACI position paper on diet diversity in pregnancy, infancy and childhood: Novel concepts and implications for studies in allergy and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 497-523	9.3	53
161	Homologous tropomyosins from vertebrate and invertebrate: Recombinant calibrator proteins in functional biological assays for tropomyosin allergenicity assessment of novel animal foods. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 105-116	4.1	21
160	National Allergy Societies JM Initiative. <i>Revue Francaise D'allergologie</i> , 2020 , 60, 205	0.2	0
159	Are Physicochemical Properties Shaping the Allergenic Potency of Plant Allergens?. <i>Clinical Reviews in Allergy and Immunology</i> , 2020 , 1	12.3	33
158	The role of mobile health technologies in allergy care: An EAACI position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 259-272	9.3	51
157	In-vivo diagnostic test allergens in Europe: A call to action and proposal for recovery plan-An EAACI position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2161-2169	9.3	14
156	ICER report for peanut OIT comes up short. <i>Annals of Allergy, Asthma and Immunology</i> , 2019 , 123, 430-432	3.2	9
155	Prioritizing research challenges and funding for allergy and asthma and the need for translational research-The European Strategic Forum on Allergic Diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2064-2076	9.3	25

154	Generation of a Jurkat-based fluorescent reporter cell line to evaluate lipid antigen interaction with the human iNKT cell receptor. <i>Scientific Reports</i> , 2019 , 9, 7426	4.9	3
153	EAACI position paper: Influence of dietary fatty acids on asthma, food allergy, and atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1429-1444	9.3	52
152	Impact of lipid binding on the tertiary structure and allergenic potential of Jug r 3, the non-specific lipid transfer protein from walnut. <i>Scientific Reports</i> , 2019 , 9, 2007	4.9	16
151	Food and drug allergy, and anaphylaxis in EAACI journals (2018). <i>Pediatric Allergy and Immunology</i> , 2019 , 30, 785-794	4.2	6
150	Highlights and recent developments in airway diseases in EAACI journals (2018). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2329-2341	9.3	5
149	Highlights and recent developments in skin allergy and related diseases in EAACI journals (2018). <i>Clinical and Translational Allergy</i> , 2019 , 9, 60	5.2	3
148	Patients Allergic to Fish Tolerate Ray Based on the Low Allergenicity of Its Parvalbumin. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 500-508.e11	5.4	22
147	Distinct Lipid Transfer Proteins display different IgE-binding activities that are affected by fatty acid binding. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 827-831	9.3	10
146	The urgent need for a harmonized severity scoring system for acute allergic reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1792-1800	9.3	52
145	Tree nut allergens. <i>Molecular Immunology</i> , 2018 , 100, 71-81	4.3	54
144	Component-resolved diagnosis and beyond: Multivariable regression models to predict severity of hazelnut allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 549-559	9.3	41
143	Current (Food) Allergenic Risk Assessment: Is It Fit for Novel Foods? Status Quo and Identification of Gaps. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700278	5.9	34
142	Occupational exposure to ultrafine particles in police officers: no evidence for adverse respiratory effects. <i>Journal of Occupational Medicine and Toxicology</i> , 2018 , 13, 5	2.7	7
141	Peanut lipids display potential adjuvanticity by triggering a pro-inflammatory response in human keratinocytes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1746-1749	9.3	16
140	Jug r 6 is the allergenic vicilin present in walnut responsible for IgE cross-reactivities to other tree nuts and seeds. <i>Scientific Reports</i> , 2018 , 8, 11366	4.9	17
139	Concomitant sensitization to legumin, Fag e 2 and Fag e 5 predicts buckwheat allergy. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 217-224	4.1	13
138	Highlights and recent developments in airway diseases in EAACI journals (2017). <i>Clinical and Translational Allergy</i> , 2018 , 8, 49	5.2	4
137	Highlights and recent developments in food and drug allergy, and anaphylaxis in EAACI Journals (2017). <i>Pediatric Allergy and Immunology</i> , 2018 , 29, 801-807	4.2	6

136	Assessment of endogenous allergenicity of genetically modified plants exemplified by soybean - Where do we stand?. <i>Food and Chemical Toxicology</i> , 2017 , 101, 139-148	4.7	24
135	Molecular Diagnostics of Allergy to Fruits and Vegetables 2017 , 271-289		1
134	Enhanced Pru p 3 IgE-binding activity by selective free fatty acid-interaction. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1728-1731.e10	11.5	22
133	Guidance on allergenicity assessment of genetically modified plants. <i>EFSA Journal</i> , 2017 , 15, e04862	2.3	64
132	Food allergy and atopic dermatitis: Prediction, progression, and prevention. <i>Pediatric Allergy and Immunology</i> , 2017 , 28, 831-840	4.2	39
131	Dendritic Cells and Their Role in Allergy: Uptake, Proteolytic Processing and Presentation of Allergens. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	28
130	Proteomics and its impact on food allergy diagnosis. <i>EuPA Open Proteomics</i> , 2016 , 12, 10-12	0.1	11
129	EAACI Molecular Allergology User's Guide. <i>Pediatric Allergy and Immunology</i> , 2016 , 27 Suppl 23, 1-250	4.2	441
128	The EuroPrevall outpatient clinic study on food allergy: background and methodology. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 576-84	9.3	31
127	Applications of Molecular Diagnostic Testing in Food Allergy. <i>Current Allergy and Asthma Reports</i> , 2015 , 15, 56	5.6	27
126	Hazelnut allergy across Europe dissected molecularly: A EuroPrevall outpatient clinic survey. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 382-91	11.5	73
125	Component-resolved IgE profiles in Austrian patients with a convincing history of peanut allergy. <i>International Archives of Allergy and Immunology</i> , 2015 , 166, 13-24	3.7	25
124	Differential T-helper cell polarization after allergen-specific stimulation of autologous dendritic cells in polysensitized allergic patients. <i>International Archives of Allergy and Immunology</i> , 2015 , 166, 97-106	3.7	11
123	Structural and Functional Characterization of the Hazelnut Allergen Cor a 8. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 9150-8	5.7	24
122	Atopic donor status does not influence the uptake of the major grass pollen allergen, Phl p 5, by dendritic cells. <i>Journal of Immunological Methods</i> , 2015 , 424, 120-30	2.5	2
121	Cor a 14, the allergenic 2S albumin from hazelnut, is highly thermostable and resistant to gastrointestinal digestion. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2077-86	5.9	32
120	The non-specific lipid transfer protein from hazelnut, Cor a 8, a relevant food allergen. <i>Clinical and Translational Allergy</i> , 2015 , 5, P17	5.2	78
119	Purification and characterisation of natural Cor a 14, the 2S albumin from hazelnut, and its isoforms. <i>Clinical and Translational Allergy</i> , 2015 , 5, P18	5.2	78

118	Further studies on the biological activity of hazelnut allergens. <i>Clinical and Translational Allergy</i> , 2015 , 5, 26	5.2	13
117	The major birch pollen allergen Bet v 1 induces different responses in dendritic cells of birch pollen allergic and healthy individuals. <i>PLoS ONE</i> , 2015 , 10, e0117904	3.7	14
116	Position paper of the EAACI: food allergy due to immunological cross-reactions with common inhalant allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 1079-90	9.3	118
115	Molekulare Diagnostik der Gemüße- und Fruchallergie 2015 , 229-243		
114	Update: molecular diagnostics of allergies to vegetables and fruits. <i>Allergo Journal International</i> , 2014 , 23, 24-34	1.5	8
113	Minimizing fucosylation in insect cell-derived glycoproteins reduces binding to IgE antibodies from the sera of patients with allergy. <i>Biotechnology Journal</i> , 2014 , 9, 1206-1214	5.6	3
112	The prevalence and distribution of food sensitization in European adults. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 365-71	9.3	121
111	Acute and long-term management of food allergy: systematic review. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 159-67	9.3	62
110	Geographic and temporal variations in pollen exposure across Europe. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 913-23	9.3	85
109	Primary prevention of food allergy in children and adults: systematic review. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 581-9	9.3	132
108	EAACI food allergy and anaphylaxis guidelines: diagnosis and management of food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 1008-25	9.3	680
107	Update: molekulare Diagnose der Gemüße- und Fruchallergie. <i>Allergo Journal</i> , 2014 , 23, 39-51	0	2
106	The accuracy of allergometric test for diagnosis of food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 969	9.3	
105	The diagnosis of food allergy: a systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 76-86	9.3	146
104	EAACI Food Allergy and Anaphylaxis Guidelines. Protecting consumers with food allergies: understanding food consumption, meeting regulations and identifying unmet needs. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 1464-72	9.3	52
103	Disease-specific health-related quality of life instruments for IgE-mediated food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 834-44	9.3	32
102	The epidemiology of food allergy in Europe: a systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 62-75	9.3	311
101	Minimizing fucosylation in insect cell-derived glycoproteins reduces binding to IgE antibodies from the sera of patients with allergy. <i>Biotechnology Journal</i> , 2014 , 9, 1206-14	5.6	18

100	Allergic sensitization: screening methods. <i>Clinical and Translational Allergy</i> , 2014 , 4, 13	5.2	32
99	The diagnosis of food allergy: protocol for a systematic review. <i>Clinical and Translational Allergy</i> , 2013 , 3, 18	5.2	9
98	The epidemiology of food allergy in Europe: protocol for a systematic review. <i>Clinical and Translational Allergy</i> , 2013 , 3, 13	5.2	10
97	The acute and long-term management of food allergy: protocol for a rapid systematic review. <i>Clinical and Translational Allergy</i> , 2013 , 3, 12	5.2	9
96	Allergen chip diagnosis for soy-allergic patients: Gly m 4 as a marker for severe food-allergic reactions to soy. <i>International Archives of Allergy and Immunology</i> , 2013 , 161, 229-33	3.7	49
95	IgE cross-reactivity between the major peanut allergen Ara h 2 and the nonhomologous allergens Ara h 1 and Ara h 3. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 118-24	11.5	68
94	Understanding the molecular sensitization for Cypress pollen and peach in the Languedoc-Roussillon area. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013 , 68, 249-51	9.3	17
93	Kiwifruit allergy across Europe: clinical manifestation and IgE recognition patterns to kiwifruit allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 164-71	11.5	64
92	Additional indications for the low allergenic properties of the apple cultivars Santana and Elise. <i>Plant Foods for Human Nutrition</i> , 2013 , 68, 391-5	3.9	9
91	Authentication of food allergens. <i>Journal of the Serbian Chemical Society</i> , 2013 , 78, 315-320	0.9	2
90	Literature review: Non-IgE-mediated immune adverse reactions to foods. <i>EFSA Supporting Publications</i> , 2013 , 10,	1.1	2
89	Literature review: In vitro digestibility tests for allergenicity assessment. <i>EFSA Supporting Publications</i> , 2013 , 10, 529E	1.1	2
88	Research needs in allergy: an EAACI position paper, in collaboration with EFA. <i>Clinical and Translational Allergy</i> , 2012 , 2, 21	5.2	99
87	Prevention of birch pollen-related food allergy by mucosal treatment with multi-allergen-chimers in mice. <i>PLoS ONE</i> , 2012 , 7, e39409	3.7	8
86	High-throughput NMR assessment of the tertiary structure of food allergens. <i>PLoS ONE</i> , 2012 , 7, e39785	3.7	16
85	Differences in the allergenicity of 6 different kiwifruit cultivars analyzed by prick-to-prick testing, open food challenges, and ELISA. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 677-9.e1-2	11.5	26
84	Molecular diagnosis of fruit and vegetable allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2011 , 11, 229-35	3.3	54
83	Glycomarkers in parasitic infections and allergy. <i>Biochemical Society Transactions</i> , 2011 , 39, 360-4	5.1	7

82	The performance of a component-based allergen microarray for the diagnosis of kiwifruit allergy. <i>Clinical and Experimental Allergy</i> , 2011 , 41, 129-36	4.1	44
81	Fireblight (<i>Erwinia amylovora</i>) affects Mal d 1-related allergenicity in apple. <i>European Journal of Plant Pathology</i> , 2011 , 131, 1-7	2.1	11
80	Responsiveness of the major birch allergen Bet v 1 scaffold to the gastric environment: impact on structure and allergenic activity. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1690-9	5.9	25
79	Synthesis of cross-reactive carbohydrate determinants fragments as tools for in vitro allergy diagnosis. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 1306-20	3.4	13
78	Expression, Purification and Crystallization of Wheat Profilin (Tri a 12). <i>Croatica Chemica Acta</i> , 2011 , 84, 419-422	0.8	
77	Authentication of food allergen quality by physicochemical and immunological methods. <i>Clinical and Experimental Allergy</i> , 2010 , 40, 973-86	4.1	17
76	Bet v 1 and its homologous food allergen Api g 1 stimulate dendritic cells from birch pollen-allergic individuals to induce different Th-cell polarization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010 , 65, 1388-96	9.3	20
75	Component-resolved diagnosis of kiwifruit allergy with purified natural and recombinant kiwifruit allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 687-94, 694.e1	11.5	80
74	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
73	Cysteine proteinase inhibitor Act d 4 is a functional allergen contributing to the clinical symptoms of kiwifruit allergy. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 373-80	5.9	12
72	Watermelon contains 92% water but it also contains allergens!. <i>International Archives of Allergy and Immunology</i> , 2009 , 149, 289-90	3.7	12
71	Food allergen protein families and their structural characteristics and application in component-resolved diagnosis: new data from the EuroPrevall project. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 25-35	4.4	69
70	Structure of the major carrot allergen Dau c 1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2009 , 65, 1206-12		21
69	Pru p 3 as a marker for symptom severity for patients with peach allergy in a birch pollen environment. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 166-7	11.5	19
68	Assessment of component-resolved in vitro diagnosis of celeriac allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 1273-1281.e2	11.5	44
67	Assessment of allelic diversity in intron-containing Mal d 1 genes and their association to apple allergenicity. <i>BMC Plant Biology</i> , 2008 , 8, 116	5.3	36
66	Coordinated and standardized production, purification and characterization of natural and recombinant food allergens to establish a food allergen library. <i>Molecular Nutrition and Food Research</i> , 2008 , 52 Suppl 2, S159-65	5.9	25
65	Purification and structural stability of the peach allergens Pru p 1 and Pru p 3. <i>Molecular Nutrition and Food Research</i> , 2008 , 52 Suppl 2, S220-9	5.9	24

64	Naturally occurring hypoallergenic Bet v 1 isoforms fail to induce IgE responses in individuals with birch pollen allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 246-52	11.5	51
63	The panel of egg allergens, Gal d 1-Gal d 5: Their improved purification and characterization. <i>Molecular Nutrition and Food Research</i> , 2008 , 52 Suppl 2, S176-85	5.9	8
62	Comparison of natural and recombinant forms of the major fish allergen parvalbumin from cod and carp. <i>Molecular Nutrition and Food Research</i> , 2008 , 52 Suppl 2, S196-207	5.9	11
61	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, S230-40	5.9	14
60	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> , 2008 , 145, 94-101	3.7	46
59	Measurement of lipid transfer protein in 88 apple cultivars. <i>International Archives of Allergy and Immunology</i> , 2008 , 146, 19-26	3.7	41
58	Purification and characterisation of a panel of peanut allergens suitable for use in allergy diagnosis. <i>Molecular Nutrition and Food Research</i> , 2008 , 52 Suppl 2, S272-85	5.9	19
57	Production and characterization of an allergen panel for component-resolved diagnosis of celery allergy. <i>Molecular Nutrition and Food Research</i> , 2008 , 52 Suppl 2, S241-50	5.9	4
56	Purification and characterisation of relevant natural and recombinant apple allergens. <i>Molecular Nutrition and Food Research</i> , 2008 , 52 Suppl 2, S208-19	5.9	6
55	IgE-mediated food allergy diagnosis: Current status and new perspectives. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 135-47	5.9	136
54	A recombinant allergen chimer as novel mucosal vaccine candidate for prevention of multi-sensitivities. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007 , 62, 33-41	9.3	35
53	Identifying fruit, nut and vegetable cultivars with low allergen levels and effects of post-harvest treatments 2007 , 134-146		1
52	Allergenicity assessment of apple cultivars: hurdles in quantifying labile fruit allergens. <i>International Archives of Allergy and Immunology</i> , 2006 , 141, 230-40	3.7	33
51	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> , 2006 , 139, 53-62	3.7	62
50	Effect of postharvest storage on the expression of the apple allergen Mal d 1. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 5917-23	5.7	86
49	Apple allergy across Europe: how allergen sensitization profiles determine the clinical expression of allergies to plant foods. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 481-8	11.5	265
48	Natural and recombinant molecules of the cherry allergen Pru av 2 show diverse structural and B cell characteristics but similar T cell reactivity. <i>Clinical and Experimental Allergy</i> , 2006 , 36, 359-68	4.1	24
47	Cross-reactive and species-specific immunoglobulin E epitopes of plant profilins: an experimental and structure-based analysis. <i>Clinical and Experimental Allergy</i> , 2006 , 36, 920-9	4.1	101

46	Characterization of recombinant Mal d 4 and its application for component-resolved diagnosis of apple allergy. <i>Clinical and Experimental Allergy</i> , 2006 , 36, 1087-96	4.1	36
45	Silencing the major apple allergen Mal d 1 by using the RNA interference approach. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 115, 364-9	11.5	147
44	In vivo assessment with prick-to-prick testing and double-blind, placebo-controlled food challenge of allergenicity of apple cultivars. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 1080-6	11.5	116
43	In vitro analysis of birch-pollen-associated food allergy by use of recombinant allergens in the basophil activation test. <i>International Archives of Allergy and Immunology</i> , 2005 , 136, 230-8	3.7	56
42	The SAFE project: 'plant food allergies: field to table strategies for reducing their incidence in Europe' an EC-funded study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005 , 60, 436-42	8.3	39
41	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> , 2005 , 35, 1638-44	4.1	45
40	Linkage map positions and allelic diversity of two Mal d 3 (non-specific lipid transfer protein) genes in the cultivated apple (<i>Malus domestica</i>). <i>Theoretical and Applied Genetics</i> , 2005 , 110, 479-91	6	53
39	Genomic characterization and linkage mapping of the apple allergen genes Mal d 2 (thaumatin-like protein) and Mal d 4 (profilin). <i>Theoretical and Applied Genetics</i> , 2005 , 111, 1087-97	6	45
38	Genomic cloning and linkage mapping of the Mal d 1 (PR-10) gene family in apple (<i>Malus domestica</i>). <i>Theoretical and Applied Genetics</i> , 2005 , 111, 171-83	6	98
37	Severe allergy to sharon fruit caused by birch pollen. <i>International Archives of Allergy and Immunology</i> , 2005 , 136, 45-52	3.7	29
36	Efficacy of birch-pollen immunotherapy on cross-reactive food allergy confirmed by skin tests and double-blind food challenges. <i>Clinical and Experimental Allergy</i> , 2004 , 34, 761-9	4.1	137
35	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> , 2004 , 114, 1169-75	11.5	88
34	Lab scale and medium scale production of recombinant allergens in <i>Escherichia coli</i> . <i>Methods</i> , 2004 , 32, 219-26	4.6	26
33	Bet v 1, the major birch pollen allergen, initiates sensitization to Api g 1, the major allergen in celery: evidence at the T cell level. <i>European Journal of Immunology</i> , 2003 , 33, 3303-10	6.1	79
32	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> , 2003 , 131, 245-55	3.7	53
31	Cross-reactive N-glycans of Api g 5, a high molecular weight glycoprotein allergen from celery, are required for immunoglobulin E binding and activation of effector cells from allergic patients. <i>FASEB Journal</i> , 2003 , 17, 1697-9	0.9	93
30	Microarrayed allergen molecules: diagnostic gatekeepers for allergy treatment. <i>FASEB Journal</i> , 2002 , 16, 414-6	0.9	372
29	Pathogenesis-related (PR)-proteins identified as allergens. <i>Biochemical Society Transactions</i> , 2002 , 30, 930-5	5.1	152

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26	Plant allergens and pathogenesis-related proteins. What do they have in common?. <i>International Archives of Allergy and Immunology</i> , 2000 , 122, 155-66	3.7	158
25	The promoter of an apple Ypr10 gene, encoding the major allergen Mal d 1, is stress- and pathogen-inducible. <i>Plant Science</i> , 2000 , 152, 35-50	5.3	118
24	Characterization of api g 1.0201, a new member of the Api g 1 family of celery allergens. <i>International Archives of Allergy and Immunology</i> , 2000 , 122, 115-23	3.7	42
23	Quantitative IgE inhibition experiments with purified recombinant allergens indicate pollen-derived allergens as the sensitizing agents responsible for many forms of plant food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2000 , 105, 116-25	11.5	135
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20	A novel dipstick developed for rapid Bet v 1-specific IgE detection: recombinant allergen immobilized via a monoclonal antibody to crystalline bacterial cell-surface layers. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1998 , 53, 786-93	9.3	21
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14	Isolation and cloning of Bet v 1-homologous food allergens from celeriac (Api g1) and apple (Mal d1). <i>Advances in Experimental Medicine and Biology</i> , 1996 , 409, 219-24	3.6	11
13	2-D protein crystals as an immobilization matrix for producing reaction zones in dipstick-style immunoassays. <i>BioTechniques</i> , 1996 , 21, 918-25	2.5	44
12	Detection of allergen-specific IgE in tears of grass pollen-allergic patients with allergic rhinoconjunctivitis. <i>Clinical and Experimental Allergy</i> , 1996 , 26, 79-87	4.1	25
11	Bet v 1 proteins, the major birch pollen allergens and members of a family of conserved pathogenesis-related proteins, show ribonuclease activity in vitro. <i>Physiologia Plantarum</i> , 1996 , 96, 433-438	4.6	77

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