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Identification and characterization of the major allergens of buckwheat

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#	Paper	IF	Citations
86	Buckwheat allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2001 , 56, 703-4	9.3	58
85	Buckwheat: composition, chemistry, and processing. <i>Advances in Food and Nutrition Research</i> , 2002 , 44, 395-434	6	87
84	New plant-origin food allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002 , 57 Suppl 72, 106-10	9.3	14
83	Prediction of buckwheat allergy using specific IgE concentrations in children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003 , 58, 1308-10	9.3	29
82	Un cas dfillergie au sarrasin chez l i nfant. <i>Revue Francaise Dællergologie Et Dømmunologie Clinique</i> , 2003 , 43, 530-532		4
81	Molecular characterization of a 10-kDa buckwheat molecule reactive to allergic patients' IgE. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004 , 59, 533-8	9.3	37
80	Proteinaceous alpha-amylase inhibitors. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004 , 1696, 145-56	4	116
79	Structural, biological, and evolutionary relationships of plant food allergens sensitizing via the gastrointestinal tract. <i>Critical Reviews in Food Science and Nutrition</i> , 2004 , 44, 379-407	11.5	162
78	Allergfiicit[des prot[hes de dfense vgffale. <i>Revue Francaise Dællergologie Et Dømmunologie Clinique</i> , 2004 , 44, 469-475		8
77	Buckwheat (Fagopyrum esculentum Moench) low molecular weight seed proteins are restricted to the embryo and are not detectable in the endosperm. <i>Plant Physiology and Biochemistry</i> , 2005 , 43, 862-	-5 ^{5.4}	14
76	Murine model of buckwheat allergy by intragastric sensitization with fresh buckwheat flour extract. Journal of Korean Medical Science, 2005 , 20, 566-72	4.7	13
75	Gaining perspective on the allergenicity assessment of genetically modified food crops. <i>Expert Review of Clinical Immunology</i> , 2005 , 1, 561-78	5.1	12
74	Prophylactic components of buckwheat. <i>Food Research International</i> , 2005 , 38, 561-568	7	146
73	Assessing genetically modified crops to minimize the risk of increased food allergy: a review. <i>International Archives of Allergy and Immunology</i> , 2005 , 137, 153-66	3.7	80
72	Buckwheat. Cereal Chemistry, 2006, 83, 391-401	2.4	173
71	Studies on distribution of protein and allergen in graded flours prepared from whole buckwheat grains. <i>Food Research International</i> , 2006 , 39, 782-790	7	25
70	Advances in Seed Protein Research: A Perspective on Seed Allergens. <i>Journal of Food Science</i> , 2006 , 70, r93-r120	3.4	25

69	Effect of processing on buckwheat phenolics and antioxidant activity. Food Chemistry, 2006, 99, 388-393	3 8.5	129
68	Molecular cloning of cDNA, recombinant protein expression and characterization of a buckwheat 16-kDa major allergen. <i>International Archives of Allergy and Immunology</i> , 2006 , 140, 73-81	3.7	22
67	Characterization of buckwheat 19-kD allergen and its application for diagnosing clinical reactivity. <i>International Archives of Allergy and Immunology</i> , 2007 , 144, 267-74	3.7	22
66	Application of the 16-kDa buckwheat 2 S storage albumin protein for diagnosis of clinical reactivity. <i>Annals of Allergy, Asthma and Immunology</i> , 2007 , 99, 254-60	3.2	10
65	Salt tolerance conferred by overexpression of Arabidopsis vacuolar Na(+)/H (+) antiporter gene AtNHX1 in common buckwheat (Fagopyrum esculentum). <i>Transgenic Research</i> , 2008 , 17, 121-32	3.3	78
64	Reduction of in vitro allergenicity of buckwheat Fag e 1 through the Maillard-type glycosylation with polysaccharides. <i>Food Chemistry</i> , 2008 , 109, 538-545	8.5	44
63	Molecular cloning, recombinant expression, and immunological characterization of a novel allergen from tartary buckwheat. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 10947-53	5.7	12
62	Pseudocereals. 2008, 149-VI		44
61	Immunological characterization and mutational analysis of the recombinant protein BWp16, a major allergen in buckwheat. <i>Biological and Pharmaceutical Bulletin</i> , 2008 , 31, 1079-85	2.3	20
60	2S Albumin Storage Proteins: What Makes them Food Allergens?. <i>The Open Biochemistry Journal</i> , 2008 , 2, 16-28	0.9	144
60 59			144
	2008, 2, 16-28 Purification, crystallization and preliminary X-ray analysis of a deletion mutant of a major		
59	Purification, crystallization and preliminary X-ray analysis of a deletion mutant of a major buckwheat allergen. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 1267 IgE-binding epitopic peptide mapping on a three-dimensional model built for the 13S globulin	-70	2
59 58	Purification, crystallization and preliminary X-ray analysis of a deletion mutant of a major buckwheat allergen. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 1267 IgE-binding epitopic peptide mapping on a three-dimensional model built for the 13S globulin allergen of buckwheat (Fagopyrum esculentum). <i>Peptides</i> , 2009 , 30, 1021-7 Seven Chinese patients with buckwheat allergy. <i>American Journal of the Medical Sciences</i> , 2010 ,	-70 3.8	2
59 58 57	Purification, crystallization and preliminary X-ray analysis of a deletion mutant of a major buckwheat allergen. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 1267 IgE-binding epitopic peptide mapping on a three-dimensional model built for the 13S globulin allergen of buckwheat (Fagopyrum esculentum). <i>Peptides</i> , 2009 , 30, 1021-7 Seven Chinese patients with buckwheat allergy. <i>American Journal of the Medical Sciences</i> , 2010 , 339, 22-4 Studies on the Influence of Germination Conditions on Protein Breakdown in Buckwheat and Oats.	-70 3.8 2.2	10
59 58 57 56	Purification, crystallization and preliminary X-ray analysis of a deletion mutant of a major buckwheat allergen. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 1267 IgE-binding epitopic peptide mapping on a three-dimensional model built for the 13S globulin allergen of buckwheat (Fagopyrum esculentum). <i>Peptides</i> , 2009 , 30, 1021-7 Seven Chinese patients with buckwheat allergy. <i>American Journal of the Medical Sciences</i> , 2010 , 339, 22-4 Studies on the Influence of Germination Conditions on Protein Breakdown in Buckwheat and Oats. <i>Journal of the Institute of Brewing</i> , 2010 , 116, 3-13	-70 3.8 2.2	1068
59 58 57 56 55	Purification, crystallization and preliminary X-ray analysis of a deletion mutant of a major buckwheat allergen. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 1267 IgE-binding epitopic peptide mapping on a three-dimensional model built for the 13S globulin allergen of buckwheat (Fagopyrum esculentum). <i>Peptides</i> , 2009 , 30, 1021-7 Seven Chinese patients with buckwheat allergy. <i>American Journal of the Medical Sciences</i> , 2010 , 339, 22-4 Studies on the Influence of Germination Conditions on Protein Breakdown in Buckwheat and Oats. <i>Journal of the Institute of Brewing</i> , 2010 , 116, 3-13 Japanese Regulations and Buckwheat Allergen Detection. 2010 , 293-309	-70 3.8 2.2	210681

51	Evaluation of scientific criteria for identifying allergenic foods of public health importance. <i>Regulatory Toxicology and Pharmacology</i> , 2011 , 60, 281-9	3.4	10
50	Usability of Fag e 2 ImmunoCAP in the diagnosis of buckwheat allergy. <i>Archives of Dermatological Research</i> , 2011 , 303, 635-42	3.3	15
49	Anaphylaxis to buckwheat in an atopic child: a risk factor for severe allergy to nuts and seeds?. <i>International Archives of Allergy and Immunology</i> , 2011 , 156, 112-6	3.7	23
48	An autoclave treatment reduces the solubility and antigenicity of an allergenic protein found in buckwheat flour. <i>Journal of Food Protection</i> , 2012 , 75, 1172-5	2.5	4
47	Identification of a new IgE-binding epitope of peanut oleosin that cross-reacts with buckwheat. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012 , 76, 1182-8	2.1	14
46	Gastrointestinal syndromes associated with food allergies. <i>Current Problems in Pediatric and Adolescent Health Care</i> , 2012 , 42, 164-90	2.2	1
45	Buckwheat: A Novel Pseudocereal. 2012 , 131-148		
44	REVIEW: Effects of Germination on the Nutritional Profile of Gluten-Free Cereals and Pseudocereals: A Review. <i>Cereal Chemistry</i> , 2012 , 89, 1-14	2.4	51
43	Tandem repeat inserts in 13S globulin subunits, the major allergenic storage protein of common buckwheat (Fagopyrum esculentum Moench) seeds. <i>Food Chemistry</i> , 2012 , 133, 29-37	8.5	8
42	Amylase inhibitors and their biomedical applications. <i>Starch/Staerke</i> , 2013 , 65, 535-542	2.3	24
41	Buckwheat. 2013 , 369-408		7
40	IgE mediated food allergy in Korean children: focused on plant food allergy. <i>Asia Pacific Allergy</i> , 2013 , 3, 15-22	1.9	13
39	Allergenic potential and enzymatic resistance of buckwheat. <i>Nutrition Research and Practice</i> , 2013 , 7, 3-8	2.1	10
38	Diversification of 13S globulins, allergenic seed storage proteins, of common buckwheat. <i>Food Chemistry</i> , 2014 , 155, 192-8	8.5	12
37	Phytochemicals and biofunctional properties of buckwheat: a review. <i>Journal of Agricultural Science</i> , 2014 , 152, 349-369	1	125
36	Proteomic applications in food allergy: food allergenomics. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015 , 15, 259-66	3.3	24
35	Significance of 40-, 45-, and 48-kDa Proteins in the Moderate-to-Severe Clinical Symptoms of Buckwheat Allergy. <i>Allergy, Asthma and Immunology Research</i> , 2015 , 7, 37-43	5.3	17
34	Protease Inhibitors in Buckwheat. 2016 , 355-363		

Biochemical and Technological Properties of Buckwheat Grains. 2016, 423-440 1 33 Chemical composition and health effects of Tartary buckwheat. Food Chemistry, 2016, 203, 231-245 8.5 139 Proteins and Amino Acids of Kernels. 2017, 94-118 31 5 2D-Electrophoresis and Immunoblotting in Food Allergy. Methods in Molecular Biology, 2017, 1592, 59-69.4 30 Global transcriptome analysis and identification of genes involved in nutrients accumulation during seed development of rice tartary buckwheat (Fagopyrum Tararicum). *Scientific Reports*, **2017**, 7, 11792 29 15 Monoclonal Antibodies to Recombinant Fag e 3 Buckwheat Allergen and Development of a 28 5.3 Two-site ELISA for Its Quantification. Allergy, Asthma and Immunology Research, 2017, 9, 417-422 Buckwheat: Its Unique Nutritional and Health-Promoting Attributes. 2017, 161-177 27 2 Characterization of 16-kDa major allergen with Eamylase inhibitor domain in tartary buckwheat 26 8 4.3 seeds. *Molecular Immunology*, **2018**, 94, 121-130 Oral Immunotherapy with a Phosphorylated Hypoallergenic Allergen Ameliorates Allergic Responses More Effectively Than Intact Allergen in a Murine Model of Buckwheat Allergy. 6 25 5.9 Molecular Nutrition and Food Research, 2018, 62, e1800303 Comparative Transcriptome and Metabolic Profiling Analysis of Buckwheat ((L.) Gaertn.) under 5.6 13 24 Salinity Stress. Metabolites, 2019, 9, Buckwheat proteins: functionality, safety, bioactivity, and prospects as alternative plant-based 23 11.5 10 proteins in the food industry. Critical Reviews in Food Science and Nutrition, 2020, 1-13 Structure and diversity of 13S globulin zero-repeat subunit, the trypsin-resistant storage protein of 22 common buckwheat (M.) seeds. Breeding Science, 2020, 70, 118-127 Genetic and genomic research for the development of an efficient breeding system in heterostylous self-incompatible common buckwheat (Fagopyrum esculentum). Theoretical and 6 21 5 Applied Genetics, 2020, 133, 1641-1653 Understanding buckwheat allergies for the management of allergic reactions in humans and 20 2 10 animals. Breeding Science, 2020, 70, 85-92 Allergens of Regional Importance in Korea.. Frontiers in Allergy, 2021, 2, 652275 19 \circ 5 18 A Review on Epidemiological and Clinical Studies on Buckwheat Allergy. Plants, 2021, 10, 4.5 Identification of a Novel Major Allergen in Buckwheat Seeds: Fag t 6. Journal of Agricultural and 17 5.7 1 Food Chemistry, **2021**, 69, 13315-13322 Core epitope analysis of 16 kDa allergen from tartary buckwheat. Food Chemistry, 2021, 346, 128953 16 8.5

15	Development of ultrafast PCR for rapid detection of buckwheat allergen DNA (fag e 1) in processed foods. <i>Food Control</i> , 2021 , 130, 108334	6.2	1
14	Structure, Allergenicity, and Cross-Reactivity of Plant Allergens. 2009, 127-151		3
13	Predicting the Allergenicity of Novel Proteins in Genetically Modified Organisms. 219-247		2
12	Buckwheat allergy: a potential problem in 21st century Britain. <i>BMJ Case Reports</i> , 2011 , 2011,	0.9	13
11	Efficient transient gene expression system using buckwheat hypocotyl protoplasts for large-scale experiments. <i>Breeding Science</i> , 2020 , 70, 128-134	2	4
10	Clinical and laboratory findings of childhood buckwheat allergy in a single tertiary hospital. <i>Korean Journal of Pediatrics</i> , 2016 , 59, 402-407	2.4	10
9	Buckwheat Allergy. <i>Nutraceutical Science and Technology</i> , 2005 , 513-540		
8	Literatur. 2008 , 273-303		
7	Detection of Allergens in Foods. 2010 , 13-27		
6	A Case of Bronchial Constriction Due to Buckwheat Allergy. <i>Korean Journal of Medicine</i> , 2013 , 85, 338	0.5	
5	Alteration of biochemical parameters and microstructure of Fagopyrum esculentum Moench grain in process of germination. <i>Potravinarstvo</i> , 2018 , 12,	1.3	1
4	Pseudocereals as Healthy Grains. 2020 , 37-59		2
3	Beer and Allergens. <i>Beverages</i> , 2021 , 7, 79	3.4	1
2	Sequence Analysis and Biochemical Characterization of Two Non-specific Lipid Transfer Proteins from Tartary Buckwheat Seeds.		O
1	EAACI Molecular Allergology User's Guide 2.0. 2023 , 34,		0