

MarÃ-a Teresa Villalba

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	β (1,2)-Xylose and α (1,3)-Fucose Residues Have a Strong Contribution in IgE Binding to Plant Glycoallergens. <i>Journal of Biological Chemistry</i> , 2000, 275, 11451-11458.	3.4	355
2	Understanding patient sensitization profiles in complex pollen areas: a molecular epidemiological study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 1550-1558.	5.7	185
3	EU Forum: 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, 310-326.	5.7	170
4	Exosomes from Bronchoalveolar Fluid of Tolerized Mice Prevent Allergic Reaction. <i>Journal of Immunology</i> , 2008, 181, 1519-1525.	0.8	151
5	The amino acid sequence of Ole e 1, the major allergen from olive tree (<i>Olea europaea</i>) pollen. <i>FEBS Journal</i> , 1993, 216, 863-869.	0.2	118
6	IgE-binding and histamine-release capabilities of the main carbohydrate component isolated from the major allergen of olive tree pollen, Ole e 1. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 103, 147-153.	2.9	103
7	The European Union CREATE Project: A model for international standardization of allergy diagnostics and vaccines. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 882-889.e2.	2.9	97
8	Cross-reactivity between the major allergen from olive pollen and unrelated glycoproteins: Evidence of an epitope in the glycan moiety of the allergen. <i>Journal of Allergy and Clinical Immunology</i> , 1996, 97, 1264-1271.	2.9	94
9	Ole e 3, An Olive Tree Allergen, Belongs to a Widespread Family of Pollen Proteins. <i>FEBS Journal</i> , 1996, 241, 772-778.	0.2	94
10	Ole e 9, a Major Olive Pollen Allergen Is a 1,3- β -Glucanase. <i>Journal of Biological Chemistry</i> , 2001, 276, 27959-27966.	3.4	92
11	Glycosylation site of the major allergen from olive tree pollen. Allergenic implications of the carbohydrate moiety. <i>Molecular Immunology</i> , 1994, 31, 31-37.	2.2	89
12	1,3- β -Glucanases as candidates in latex-pollen-vegetable food cross-reactivity. <i>Clinical and Experimental Allergy</i> , 2005, 35, 345-351.	2.9	88
13	The Spectrum of Olive Pollen Allergens. <i>International Archives of Allergy and Immunology</i> , 2001, 125, 185-195.	2.1	83
14	Component-resolved diagnosis of pollen allergy based on skin testing with profilin, polcalcin and lipid transfer protein pan-allergens. <i>Clinical and Experimental Allergy</i> , 2009, 39, 1764-1773.	2.9	83
15	Identification, isolation, and characterization of Ole e 7, a new allergen of olive tree pollen. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 104, 797-802.	2.9	73
16	Profilin (Che a 2) and polcalcin (Che a 3) are relevant allergens of <i>Chenopodium album</i> pollen: Isolation, amino acid sequences, and immunologic properties. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 1192-1198.	2.9	69
17	Molecular cloning and expression of active Ole e 3, a major allergen from olive-tree pollen and member of a novel family of Ca ²⁺ -binding proteins (polcalcins) involved in allergy. <i>FEBS Journal</i> , 1998, 258, 454-459.	0.2	68
18	An olive pollen protein with allergenic activity, Ole e 10, defines a novel family of carbohydrate-binding modules and is potentially implicated in pollen germination. <i>Biochemical Journal</i> , 2005, 390, 77-84.	3.7	67

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19	The Involvement of Thaumatin-Like Proteins in Plant Food Cross-Reactivity: A Multicenter Study Using a Specific Protein Microarray. <i>PLoS ONE</i> , 2012, 7, e44088.	2.5	67
20	Nanovesicles Are Secreted during Pollen Germination and Pollen Tube Growth: A Possible Role in Fertilization. <i>Molecular Plant</i> , 2014, 7, 573-577.	8.3	63
21	The Major Allergen of Olive Pollen Ole e 1 Is a Diagnostic Marker for Sensitization to Oleaceae. <i>International Archives of Allergy and Immunology</i> , 2006, 141, 110-118.	2.1	62
22	Differences among Pollen-Allergic Patients with and without Plant Food Allergy. <i>International Archives of Allergy and Immunology</i> , 2010, 153, 182-192.	2.1	61
23	Inhibition of cyclic AMP-dependent protein kinase by the polar head group of an insulin-sensitive glycopospholipid. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1988, 968, 69-76.	4.1	60
24	A Major Allergen from Pollen Defines a Novel Family of Plant Proteins and Shows Intra- and Interspecies Cross-Reactivity. <i>Journal of Immunology</i> , 2004, 172, 3644-3651.	0.8	60
25	<i>Ole e</i>: Epitope Mapping, Cross-Reactivity with Other Oleaceae Pollens and Ultrastructural Localization. <i>International Archives of Allergy and Immunology</i> , 1994, 104, 160-170.	2.1	59
26	Identification and Characterization of Che a 1 Allergen from <i>Chenopodium album</i> Pollen. <i>International Archives of Allergy and Immunology</i> , 2002, 127, 47-54.	2.1	58
27	Isolation of three allergenic fractions of the major allergen from <i>Olea europea</i> pollen and N-terminal amino acid sequence. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 523-528.	2.1	57
28	Production and detailed characterization of biologically active olive pollen allergen Ole e 1 secreted by the yeast <i>Pichia pastoris</i> . <i>FEBS Journal</i> , 1999, 261, 539-546.	0.2	53
29	Plant Lipid Transfer Protein Allergens: No Cross-Reactivity between Those from Foods and Olive and <i>Parietaria</i> Pollen. <i>International Archives of Allergy and Immunology</i> , 2011, 156, 291-296.	2.1	53
30	Cloning, expression, and clinical significance of the major allergen from ash pollen, Fra e 1. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 115, 351-357.	2.9	50
31	The spectrum of olive pollen allergens. From structures to diagnosis and treatment. <i>Methods</i> , 2014, 66, 44-54.	3.8	50
32	Isolation and identification of an 11S globulin as a new major allergen in mustard seeds. <i>Annals of Allergy, Asthma and Immunology</i> , 2005, 94, 586-592.	1.0	49
33	Food mustard allergen interaction with phospholipid vesicles. <i>FEBS Journal</i> , 1994, 225, 609-615.	0.2	47
34	Solution Structure and Stability against Digestion of rproBnlb, a Recombinant 2S Albumin from Rapeseed: A Relationship to Its Allergenic Properties. <i>Biochemistry</i> , 2004, 43, 16036-16045.	2.5	44
35	A new distinct group of 2 S albumins from rapeseed. <i>FEBS Letters</i> , 1991, 295, 207-210.	2.8	43
36	Expression in <i>Escherichia coli</i> of Sin a 1, the Major Allergen from Mustard. <i>FEBS Journal</i> , 1996, 237, 827-832.	0.2	42

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37	nsLTP and profilin are allergens in mustard seeds: cloning, sequencing and recombinant production of Sin a 3 and Sin a 4. <i>Clinical and Experimental Allergy</i> , 2009, 39, 1929-1936.	2.9	42
38	Cloning, expression and characterization of a novel four EF-hand Ca ²⁺ -binding protein from olive pollen with allergenic activity. <i>FEBS Letters</i> , 2000, 466, 192-196.	2.8	41
39	Detailed characterization of Act d 12 and Act d 13 from kiwi seeds: implication in IgE cross-reactivity with peanut and tree nuts. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1481-1488.	5.7	41
40	Activation of partially purified rat liver lipid methyltransferase by phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 1984, 122, 1065-1070.	2.1	39
41	Analysis of the Structural and Immunological Stability of 2S Albumin, Nonspecific Lipid Transfer Protein, and Profilin Allergens from Mustard Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6011-6018.	5.2	39
42	Identification of Alzheimer's Disease Autoantibodies and Their Target Biomarkers by Phage Microarrays. <i>Journal of Proteome Research</i> , 2019, 18, 2940-2953.	3.7	38
43	Isolation and characterization of an olive allergen-like protein from lilac pollen. Sequence analysis of three cDNA encoding protein isoforms. <i>FEBS Journal</i> , 1994, 221, 187-193.	0.2	37
44	A pectin methylesterase as an allergenic marker for the sensitization to Russian thistle (<i>Salsola</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.9	37
45	Recombinant expression, purification and cross-reactivity of chenopod profilin: rChe a 2 as a good marker for profilin sensitization. <i>Biological Chemistry</i> , 2004, 385, 731-7.	2.5	36
46	The lipid interaction capacity of Sin a 2 and Ara h 1, major mustard and peanut allergens of the cupin superfamily, endorses allergenicity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1284-1294.	5.7	36
47	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.	5.7	36
48	The C-terminal segment of the 1,3-beta-glucanase Ole e 9 from olive (<i>Olea europaea</i>) pollen is an independent domain with allergenic activity: expression in <i>Pichia pastoris</i> and characterization. <i>Biochemical Journal</i> , 2003, 369, 593-601.	3.7	35
49	Variability of Ole e 9 Allergen in Olive Pollen Extracts: Relevance of Minor Allergens in Immunotherapy Treatments. <i>International Archives of Allergy and Immunology</i> , 2006, 140, 131-138.	2.1	35
50	Three-Dimensional Structure of the Cross-Reactive Pollen Allergen Che a 3: Visualizing Cross-Reactivity on the Molecular Surfaces of Weed, Grass, and Tree Pollen Allergens. <i>Journal of Immunology</i> , 2008, 180, 2313-2321.	0.8	35
51	Immunologic responses to the major allergen of <i>Olea europaea</i> in local and systemic allergic rhinitis subjects. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1703-1712.	2.9	35
52	Different phosphorylated forms of an insulin-sensitive glycosylphosphatidylinositol from rat hepatocytes. <i>FEBS Letters</i> , 1988, 236, 251-255.	2.8	34
53	A comparative analysis of the cross-reactivity in the polcalcin family including Syr v 3, a new member from lilac pollen. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 477-484.	5.7	34
54	Intranasal vaccination with poly(lactide-co-glycolide) microparticles containing a peptide T of Ole e 1 prevents mice against sensitization. <i>Clinical and Experimental Allergy</i> , 2008, 38, 520-528.	2.9	34

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55	Pectin methylesterases of pollen tissue, a major allergen in olive tree. <i>FEBS Journal</i> , 2010, 277, 2729-2739.	4.7	34
56	Effects of constant rate infusion of lidocaine and ketamine, with or without morphine, on isoflurane MAC in horses. <i>Equine Veterinary Journal</i> , 2011, 43, 721-726.	1.7	34
57	Cloning and Expression of the Major Allergen from Yellow Mustard Seeds, Sin a I. <i>Biochemical and Biophysical Research Communications</i> , 1993, 190, 648-653.	2.1	32
58	Purification, amino acid sequence and immunological characterization of Ole e 6, a cysteine-enriched allergen from olive tree pollen. <i>FEBS Letters</i> , 1997, 410, 293-296.	2.8	32
59	Encapsulation of Ole e 1 in biodegradable microparticles induces Th1 response in mice: a potential vaccine for allergy. <i>Journal of Controlled Release</i> , 2003, 92, 395-398.	9.9	32
60	Ole e 2 and Ole e 10: new clinical aspects and genetic restrictions in olive pollen allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 360-365.	5.7	31
61	Detection of major food allergens in amniotic fluid: initial allergenic encounter during pregnancy. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 716-720.	2.6	31
62	Hydrolysis of Glycosyl-Phosphatidylinositol in Response to Insulin is Reduced in Cells Bearing Kinase-Deficient Insulin Receptors. <i>Growth Factors</i> , 1990, 2, 91-97.	1.7	30
63	Two nonspecific lipid transfer proteins (nsLTPs) from tomato seeds are associated to severe symptoms of tomato-allergic patients. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1172-1182.	3.3	30
64	Airway Disease and Thaumatin-like Protein in an Olive-Oil Mill Worker. <i>New England Journal of Medicine</i> , 2008, 358, 1306-1308.	27.0	29
65	Improvement of mustard (<i>Sinapis alba</i>) allergy diagnosis and management by linking clinical features and component-resolved approaches. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1304-1307.	2.9	29
66	Cloning, sequencing, and recombinant production of Sin a 2, an allergenic 11S globulin from yellow mustard seeds. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1189-1196.	2.9	28
67	Hypoallergenic mutants of Ole e 1, the major olive pollen allergen, as candidates for allergy vaccines. <i>Clinical and Experimental Allergy</i> , 2007, 37, 251-260.	2.9	28
68	Act d 12 and Act d 13: Two novel, masked, relevant allergens in kiwifruit seeds. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1765-1767.e4.	2.9	27
69	Identification of prefrontal cortex protein alterations in Alzheimer's disease. <i>Oncotarget</i> , 2018, 9, 10847-10867.	1.8	27
70	Are Ca ²⁺ -binding motifs involved in the immunoglobulin E-binding of allergens? Olive pollen allergens as model of study. <i>Clinical and Experimental Allergy</i> , 2002, 32, 1476-1483.	2.9	26
71	Intranasal immunization with a dominant T-cell epitope peptide of a major allergen of olive pollen prevents mice from sensitization to the whole allergen. <i>Molecular Immunology</i> , 2008, 45, 438-445.	2.2	26
72	Pollen and plant food profilin allergens show equivalent IgE reactivity. <i>Annals of Allergy, Asthma and Immunology</i> , 2011, 106, 429-435.	1.0	26

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73	Olea europaea pollen lipids activate invariant natural killer T cells by upregulating CD1d expression on dendritic cells. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1393-1399.e5.	2.9	26
74	Pollensomes as Natural Vehicles for Pollen Allergens. <i>Journal of Immunology</i> , 2015, 195, 445-449.	0.8	26
75	Allergenic cross-reactivity of olive pollen. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2000, 55, 658-663.	5.7	25
76	Sensitization of Mice with Olive Pollen Allergen Ole e 1 Induces a Th2 Response. <i>International Archives of Allergy and Immunology</i> , 2002, 127, 269-275.	2.1	25
77	Influence of the 3D-conformation, glycan component and microheterogeneity on the epitope structure of Ole e 1, the major olive allergen. <i>Molecular Immunology</i> , 2002, 39, 93-101.	2.2	25
78	Isolation of the main allergen Fra e 1 from ash (<i>Fraxinus excelsior</i>) pollen: comparison of the natural and recombinant forms. <i>Annals of Allergy, Asthma and Immunology</i> , 2006, 96, 557-563.	1.0	25
79	Solution structure of the C-terminal domain of Ole e 9, a major allergen of olive pollen. <i>Protein Science</i> , 2008, 17, 371-376.	7.6	25
80	The 11S globulin Sin a 2 from yellow mustard seeds shows IgE cross-reactivity with homologous counterparts from tree nuts and peanut. <i>Clinical and Translational Allergy</i> , 2012, 2, 23.	3.2	25
81	Solution structure of allergenic 2 S albumins. <i>Biochemical Society Transactions</i> , 2002, 30, 919-924.	3.4	24
82	Che a 1: Recombinant Expression, Purification and Correspondence to the Natural Form. <i>International Archives of Allergy and Immunology</i> , 2004, 135, 284-292.	2.1	24
83	Analysis of IgE and IgG B-cell immunodominant regions of Ole e 1, the main allergen from olive pollen. <i>Molecular Immunology</i> , 2006, 43, 570-578.	2.2	24
84	Production and characterization of a noncytotoxic deletion variant of the <i>Aspergillus fumigatus</i> allergen Asp f1 displaying reduced IgE binding. <i>FEBS Journal</i> , 2005, 272, 2536-2544.	4.7	23
85	Challenges for Allergy Diagnosis in Regions with Complex Pollen Exposures. <i>Current Allergy and Asthma Reports</i> , 2015, 15, 496.	5.3	23
86	A Recombinant Precursor of the Mustard Allergen Sin a 1 Retains the Biochemical and Immunological Features of the Heterodimeric Native Protein. <i>International Archives of Allergy and Immunology</i> , 2005, 137, 18-26.	2.1	22
87	Emerging pollen allergens. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 1-7.	5.6	22
88	Novel liquid chromatography-mass spectrometry method for sensitive determination of the mustard allergen Sin a 1 in food. <i>Food Chemistry</i> , 2015, 183, 58-63.	8.2	22
89	Immunological and molecular characterization of the major allergens from lilac and privet pollens overproduced in <i>Pichia pastoris</i> . <i>Clinical and Experimental Allergy</i> , 2001, 31, 313-321.	2.9	21
90	Direct PCR-free electrochemical biosensing of plant-food derived nucleic acids in genomic DNA extracts. Application to the determination of the key allergen Sola l 7 in tomato seeds. <i>Biosensors and Bioelectronics</i> , 2019, 137, 171-177.	10.1	21

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91	An Enzymatically Active β -1,3-Glucanase from Ash Pollen with Allergenic Properties: A Particular Member in the Oleaceae Family. PLoS ONE, 2015, 10, e0133066.	2.5	20
92	Delineation of the Olive Pollen Proteome and Its Allergenome Unmasks Cyclophilin as a Relevant Cross-Reactive Allergen. Journal of Proteome Research, 2019, 18, 3052-3066.	3.7	20
93	NMR Solution Structure of Ole e 6, a Major Allergen from Olive Tree Pollen. Journal of Biological Chemistry, 2004, 279, 39035-39041.	3.4	19
94	Allergenic contribution of the IgE-reactive domains of the 1,3- β -glucanase Ole e 9: diagnostic value in olive pollen allergy. Annals of Allergy, Asthma and Immunology, 2006, 97, 61-65.	1.0	19
95	Bystander suppression to unrelated allergen sensitization through intranasal administration of tolerogenic exosomes in mouse. Molecular Immunology, 2010, 47, 2148-2151.	2.2	19
96	Structural analysis of the small chain of the 2S albumin, napin nIII, from rapeseed. Chemical and spectroscopic evidence of an intramolecular bond formation. BBA - Proteins and Proteomics, 1991, 1078, 265-272.	2.1	18
97	Biodegradable poly (dl-lactide glycolide) microparticles as a vehicle for allergen-specific vaccines: a study performed with Ole e 1, the main allergen of olive pollen. Journal of Immunological Methods, 2002, 259, 87-94.	1.4	18
98	A polymorphism located at an ATG transcription start site of the heme oxygenase-2 gene is associated with classical Parkinson's disease. Pharmacogenetics and Genomics, 2011, 21, 565-571.	1.5	18
99	Recombinant pronapin precursor produced in <i>Pichia pastoris</i> displays structural and immunologic equivalent properties to its mature product isolated from rapeseed. FEBS Journal, 2002, 269, 2538-2545.	0.2	17
100	Recombinant expression of Ole e 6, a Cys-enriched pollen allergen, in <i>Pichia pastoris</i> yeast: detection of partial oxidation of methionine by NMR. Protein Expression and Purification, 2004, 37, 336-343.	1.3	17
101	Phospholipid methyltransferase phosphorylation by intact hepatocytes: Effect of glucagon. Biochemical and Biophysical Research Communications, 1985, 131, 477-483.	2.1	16
102	Hypersensitivity to black locust (<i>Robinia pseudoacacia</i>) pollen: "allergy mirages". Annals of Allergy, Asthma and Immunology, 2006, 96, 586-592.	1.0	16
103	Nut Allergy in Two Different Areas of Spain: Differences in Clinical and Molecular Pattern. Nutrients, 2017, 9, 909.	4.1	16
104	Ash pollen immunoproteomics: Identification, immunologic characterization, and sequencing of 6 new allergens. Journal of Allergy and Clinical Immunology, 2014, 133, 923-926.e3.	2.9	15
105	Influence of age on IgE response in peanut allergic children and adolescents from the Mediterranean area. Pediatric Allergy and Immunology, 2015, 26, 497-502.	2.6	15
106	High-throughput screening of T7 phage display and protein microarrays as a methodological approach for the identification of IgE-reactive components. Journal of Immunological Methods, 2018, 456, 44-53.	1.4	15
107	Peptide Glycodendrimers as Potential Vaccines for Olive Pollen Allergy. Molecular Pharmaceutics, 2020, 17, 827-836.	4.6	15
108	A Recombinant Sal k 1 Isoform as an Alternative to the Polymorphic Allergen from <i>Salsola kali</i> Pollen for Allergy Diagnosis. International Archives of Allergy and Immunology, 2015, 167, 83-93.	2.1	14

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109	Crystal structure of Pla I 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.	2.9	14
110	Is Microarray Analysis Really Useful and Sufficient to Diagnose Nut Allergy in the Mediterranean Area?. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2016, 26, 31-39.	1.3	14
111	A Sensitive Monoclonal Antibody Sandwich ELISA for the Measurement of the Major Olive Pollen Allergen Ole e 1. <i>International Archives of Allergy and Immunology</i> , 2000, 122, 224-228.	2.1	13
112	Prophylactic Intranasal Treatment with Fragments of 1,3- β -Glucanase Olive Pollen Allergen Prevents Airway Inflammation in a Murine Model of Type I Allergy. <i>International Archives of Allergy and Immunology</i> , 2006, 139, 175-180.	2.1	13
113	A non-allergenic Ole e 1-like protein from birch pollen as a tool to design hypoallergenic vaccine candidates. <i>Molecular Immunology</i> , 2012, 50, 83-90.	2.2	13
114	Immunoproteomic tools are used to identify masked allergens: Ole e 12, an allergenic isoflavone reductase from olive (<i>Olea europaea</i>) pollen. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1871-1880.	2.3	13
115	Human Invariant Natural Killer T Cells Respond to Antigen-Presenting Cells Exposed to Lipids from <i>Olea europaea</i> Pollen. <i>International Archives of Allergy and Immunology</i> , 2017, 173, 12-22.	2.1	13
116	Modulation by the ratio S-adenosylmethionine/S-adenosylhomocysteine of cyclic AMP-dependent phosphorylation of the 50 kDa protein of rat liver phospholipid methyltransferase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1985, 847, 273-279.	4.1	12
117	Purification and characterization of napin-like proteins from radish. <i>Journal of Experimental Botany</i> , 1994, 45, 1169-1176.	4.8	11
118	Sal k 5, a Member of the Widespread Ole e 1-Like Protein Family, Is a New Allergen of Russian Thistle <i>(Salsola kali)&/i>&/b> Pollen. <i>International Archives of Allergy and Immunology</i> , 2014, 163, 142-153.	2.1	11
119	Pru p 9, a new allergen eliciting respiratory symptoms in subjects sensitized to peach tree pollen. <i>PLoS ONE</i> , 2020, 15, e0230010.	2.5	11
120	Expression of the major olive pollen allergen Ole e 10 in the yeast <i>Pichia pastoris</i> : Evidence of post-translational modifications. <i>Protein Expression and Purification</i> , 2005, 44, 147-154.	1.3	10
121	A relevant IgE-reactive 28 kDa protein identified from <i>Salsola kali</i> pollen extract by proteomics is a natural degradation product of an integral 47 kDa polygalacturonase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1067-1076.	2.3	10
122	A Hypoallergenic Polygalacturonase Isoform from Olive Pollen Is Implicated in Pollen-Pollen Cross-Reactivity. <i>International Archives of Allergy and Immunology</i> , 2018, 177, 290-301.	2.1	10
123	Surface Activity as a Crucial Factor of the Biological Actions of Ole e 1, the Main Aeroallergen of Olive Tree (<i>Olea europaea</i>) Pollen. <i>Langmuir</i> , 2016, 32, 11055-11062.	3.5	9
124	Endolysosomal Degradation of Allergenic Ole e 1-Like Proteins: Analysis of Proteolytic Cleavage Sites Revealing T Cell Epitope-Containing Peptides. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1780.	4.1	9
125	Biophysical and biological impact on the structure and IgE-binding of the interaction of the olive pollen allergen Ole e 7 with lipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183258.	2.6	9
126	Characterization of Relevant Biomarkers for the Diagnosis of Food Allergies: An Overview of the 2S Albumin Family. <i>Foods</i> , 2021, 10, 1235.	4.3	9

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127	Occupational allergy in a researcher due to Ole e 9, an allergenic 1,3- β -glucanase from olive pollen. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 784-785.	5.7	8
128	A recombinant isoform of the Ole e 7 olive pollen allergen assembled by de novo mass spectrometry retains the allergenic ability of the natural allergen. Journal of Proteomics, 2018, 187, 39-46.	2.4	8
129	New insights into the sensitization to nonspecific lipid transfer proteins from pollen and food: New role of allergen Ole e 7. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 798-807.	5.7	8
130	2S albumins and 11S globulins, two storage proteins involved in pumpkin seeds allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 383-386.	5.7	8
131	Assignment of the disulfide bonds of Ole e 1, a major allergen of olive tree pollen involved in fertilization. Chemical Biology and Drug Design, 2000, 55, 18-23.	1.1	7
132	A recombinant functional variant of the olive pollen allergen Ole e 10 expressed in baculovirus system. Journal of Biotechnology, 2006, 121, 402-409.	3.8	7
133	The natural profilin from <i>Russian thistle</i> (<i>Salsola kali</i>) contains a low <i>IL-5</i> binding ability isoform molecular and immunological characterization. FEBS Journal, 2012, 279, 4338-4349.	4.7	7
134	Effects of a constant rate infusion of medetomidine-propofol on isoflurane minimum alveolar concentrations in horses. Veterinary Journal, 2014, 202, 329-333.	1.7	7
135	Epitope mapping of the major allergen 2S albumin from pine nut. Food Chemistry, 2021, 339, 127895.	8.2	7
136	IgE-Reactivity Pattern of Tomato Seed and Peel Nonspecific Lipid-Transfer Proteins after <i>in Vitro</i> Gastrointestinal Digestion. Journal of Agricultural and Food Chemistry, 2021, 69, 3511-3518.	5.2	7
137	The role of major olive pollen allergens Ole e 1, Ole e 9, and Ole e 10 on mice sensitization. Annals of Allergy, Asthma and Immunology, 2006, 96, 466-471.	1.0	6
138	The C-terminal domains of two homologous Oleaceae β -1,3-glucanases recognise carbohydrates differently: Laminarin binding by NMR. Archives of Biochemistry and Biophysics, 2015, 580, 93-101.	3.0	6
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