

MarÃ-a Teresa Villalba

List of Publications by Year in descending order

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155
papers

5,339
citations

81900

39
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114465

63
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157
all docs

157
docs citations

157
times ranked

3649
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 2S albumins and 11S globulins, two storage proteins involved in pumpkin seeds allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 383-386. | 5.7 | 8 |
| 2 | Epitope mapping of the major allergen 2S albumin from pine nut. <i>Food Chemistry</i> , 2021, 339, 127895. | 8.2 | 7 |
| 3 | <i>Prunus persica</i> , a new occupational allergen from peach tree pollen involved in rhinitis and asthma. <i>Occupational and Environmental Medicine</i> , 2021, 78, 142-144. | 2.8 | 5 |
| 4 | Olive pollen allergens: an insight into clinical, diagnostic, and therapeutic concepts of allergy. , 2021, , 359-375. | | 1 |
| 5 | IgE-Reactivity Pattern of Tomato Seed and Peel Nonspecific Lipid-Transfer Proteins after <i>in Vitro</i> Gastrointestinal Digestion. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3511-3518. | 5.2 | 7 |
| 6 | 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 |
| 7 | 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 |
| 8 | Comparative metabolomics analysis of bronchial epithelium during barrier establishment after allergen exposure. <i>Clinical and Translational Allergy</i> , 2021, 11, e12051. | 3.2 | 5 |
| 9 | New insights into the sensitization to nonspecific lipid transfer proteins from pollen and food: New role of allergen Ole e 7. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 798-807. | 5.7 | 8 |
| 10 | Peptide Glycodendrimers as Potential Vaccines for Olive Pollen Allergy. <i>Molecular Pharmaceutics</i> , 2020, 17, 827-836. | 4.6 | 15 |
| 11 | Der p 1-based immunotoxin as potential tool for the treatment of dust mite respiratory allergy. <i>Scientific Reports</i> , 2020, 10, 12255. | 3.3 | 3 |
| 12 | Lig v 1 structure and the inflammatory response to the Ole e 1 protein family. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2395-2398. | 5.7 | 5 |
| 13 | 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 |
| 14 | 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 |
| 15 | 2S albumins and nsLTP are involved in anaphylaxis to pizza sauce: IgE recognition before and after allergen processing. <i>Food Chemistry</i> , 2020, 321, 126679. | 8.2 | 3 |
| 16 | Allium porrum Extract Decreases Effector Cell Degranulation and Modulates Airway Epithelial Cell Function. <i>Nutrients</i> , 2019, 11, 1303. | 4.1 | 5 |
| 17 | Seed storage 2S albumins are predictive indicators of exclusive Anacardiaceae cross-reactivity. <i>Clinical and Experimental Allergy</i> , 2019, 49, 545-549. | 2.9 | 6 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | Delineation of the Olive Pollen Proteome and Its Allergenome Unmasks Cyclophilin as a Relevant Cross-Reactive Allergen. <i>Journal of Proteome Research</i> , 2019, 18, 3052-3066. | 3.7 | 20 |
| 20 | Direct PCR-free electrochemical biosensing of plant-food derived nucleic acids in genomic DNA extracts. Application to the determination of the key allergen Sola I 7 in tomato seeds. <i>Biosensors and Bioelectronics</i> , 2019, 137, 171-177. | 10.1 | 21 |
| 21 | Ole e 15 and its human counterpart -PPIA- chimeras reveal an heterogeneous IgE response in olive pollen allergic patients. <i>Scientific Reports</i> , 2019, 9, 15027. | 3.3 | 5 |
| 22 | High-throughput screening of T7 phage display and protein microarrays as a methodological approach for the identification of IgE-reactive components. <i>Journal of Immunological Methods</i> , 2018, 456, 44-53. | 1.4 | 15 |
| 23 | 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 |
| 24 | 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. <i>Journal of Proteomics</i> , 2018, 187, 39-46. | 2.4 | 8 |
| 25 | Identification of prefrontal cortex protein alterations in Alzheimer's disease. <i>Oncotarget</i> , 2018, 9, 10847-10867. | 1.8 | 27 |
| 26 | Insights into protein-carbohydrate recognition: A novel binding mechanism for CBM family 43. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 73, 152-156. | 2.4 | 2 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Nut Allergy in Two Different Areas of Spain: Differences in Clinical and Molecular Pattern. <i>Nutrients</i> , 2017, 9, 909. | 4.1 | 16 |
| 31 | 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 |
| 32 | Steps Towards Clarifying the Clinical Relevance of Minor Olive Allergens in Areas With Extremely High Levels of Olive Pollen. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2017, 27, 138-140. | 1.3 | 2 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Clinical Performance of Commercial ISAC 112 Allergen Microarray Versus Noncommercial RIRAAF Platform for the Diagnosis of Plant Food and Olive Pollen Allergies. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2016, 26, 185-187. | 1.3 | 4 |
| 39 | Immunologic responses to the major allergen of <i>Olea Europaea</i> in local and systemic allergic rhinitis subjects. <i>Clinical and Translational Allergy</i> , 2015, 5, P19. | 3.2 | 0 |
| 40 | Influence of age on IgE response in peanut allergic children and adolescents from the Mediterranean area. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 497-502. | 2.6 | 15 |
| 41 | An Enzymatically Active β -1,3-Glucanase from Ash Pollen with Allergenic Properties: A Particular Member in the Oleaceae Family. <i>PLoS ONE</i> , 2015, 10, e0133066. | 2.5 | 20 |
| 42 | A Recombinant Sal k 1 Isoform as an Alternative to the Polymorphic Allergen from <i>Salsola kali</i> Pollen for Allergy Diagnosis. <i>International Archives of Allergy and Immunology</i> , 2015, 167, 83-93. | 2.1 | 14 |
| 43 | Pollensomes as Natural Vehicles for Pollen Allergens. <i>Journal of Immunology</i> , 2015, 195, 445-449. | 0.8 | 26 |
| 44 | 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 |
| 45 | Challenges for Allergy Diagnosis in Regions with Complex Pollen Exposures. <i>Current Allergy and Asthma Reports</i> , 2015, 15, 496. | 5.3 | 23 |
| 46 | 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 |
| 47 | 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 |
| 48 | The C-terminal domains of two homologous Oleaceae β -1,3-glucanases recognise carbohydrates differently: Laminarin binding by NMR. <i>Archives of Biochemistry and Biophysics</i> , 2015, 580, 93-101. | 3.0 | 6 |
| 49 | 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>) Pollen. <i>International Archives of Allergy and Immunology</i> , 2014, 163, 142-153. | 2.1 | 11 |
| 50 | 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 |
| 51 | Ash pollen immunoproteomics: Identification, immunologic characterization, and sequencing of 6 new allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 923-926.e3. | 2.9 | 15 |
| 52 | 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 |
| 53 | The spectrum of olive pollen allergens. From structures to diagnosis and treatment. <i>Methods</i> , 2014, 66, 44-54. | 3.8 | 50 |
| 54 | Effects of a constant rate infusion of medetomidine-propofol on isoflurane minimum alveolar concentrations in horses. <i>Veterinary Journal</i> , 2014, 202, 329-333. | 1.7 | 7 |

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|----|---|-----|-----------|
| 55 | 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 |
| 56 | <i>Olea europaea</i> 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 |
| 57 | The natural profilin from Russian thistle (<i>Salsola kali</i>) contains a low binding ability isoform molecular and immunological characterization. <i>FEBS Journal</i> , 2012, 279, 4338-4349. | 4.7 | 7 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | Plant Lipid Transfer Protein Allergens: No Cross-Reactivity between Those from Foods and Olive and Parietaria Pollen. <i>International Archives of Allergy and Immunology</i> , 2011, 156, 291-296. | 2.1 | 53 |
| 64 | 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 |
| 65 | 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 |
| 66 | A polymorphism located at an ATG transcription start site of the heme oxygenase-2 gene is associated with classical Parkinson's disease. <i>Pharmacogenetics and Genomics</i> , 2011, 21, 565-571. | 1.5 | 18 |
| 67 | Pectin methylesterases of pollen tissue, a major allergen in olive tree. <i>FEBS Journal</i> , 2010, 277, 2729-2739. | 4.7 | 34 |
| 68 | Olive Pollen Allergens. , 2010, , 1021-1031. | | 0 |
| 69 | 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 |
| 70 | Bystander suppression to unrelated allergen sensitization through intranasal administration of tolerogenic exosomes in mouse. <i>Molecular Immunology</i> , 2010, 47, 2148-2151. | 2.2 | 19 |
| 71 | 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 |
| 72 | 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 |

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|----|---|------|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | Occupational allergy in a researcher due to Ole e 9, an allergenic 1,3- β -glucanase from olive pollen. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 784-785. | 5.7 | 8 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | Exosomes from Bronchoalveolar Fluid of Tolerized Mice Prevent Allergic Reaction. <i>Journal of Immunology</i> , 2008, 181, 1519-1525. | 0.8 | 151 |
| 82 | 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 |
| 83 | Emerging pollen allergens. <i>Biomedicine and Pharmacotherapy</i> , 2007, 61, 1-7. | 5.6 | 22 |
| 84 | 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 |
| 85 | 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 |
| 86 | A pectin methylesterase as an allergenic marker for the sensitization to Russian thistle (<i>Salsola</i>). <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1189-1196. | 2.9 | 37 |
| 87 | Hypersensitivity to black locust (<i>Robinia pseudoacacia</i>) pollen: "allergy mirages". <i>Annals of Allergy, Asthma and Immunology</i> , 2006, 96, 586-592. | 1.0 | 16 |
| 88 | 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 |
| 89 | Allergenic contribution of the IgE-reactive domains of the 1,3- β -glucanase Ole e 9: diagnostic value in olive pollen allergy. <i>Annals of Allergy, Asthma and Immunology</i> , 2006, 97, 61-65. | 1.0 | 19 |
| 90 | A recombinant functional variant of the olive pollen allergen Ole e 10 expressed in baculovirus system. <i>Journal of Biotechnology</i> , 2006, 121, 402-409. | 3.8 | 7 |

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|-----|---|-----|-----------|
| 91 | The role of major olive pollen allergens Ole e 1, Ole e 9, and Ole e 10 on mice sensitization. <i>Annals of Allergy, Asthma and Immunology</i> , 2006, 96, 466-471. | 1.0 | 6 |
| 92 | 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 |
| 93 | 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 |
| 94 | 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 |
| 95 | Ca ²⁺ -binding allergens from olive pollen exhibit biochemical and immunological activity when expressed in stable transgenic <i>Arabidopsis</i> . <i>FEBS Journal</i> , 2006, 273, 4425-4434. | 4.7 | 5 |
| 96 | 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 |
| 97 | Prophylactic Intranasal Treatment with Fragments of 1,3-β-D-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 |
| 98 | The importance of minor allergens in allergen standardization. <i>Arbeiten Aus Dem Paul-Ehrlich-Institut (Bundesamt für Sera Und Impfstoffe) Zu Frankfurt A M</i> , 2006, , 128-34; discussion 134, 155. | 0.0 | 3 |
| 99 | 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 |
| 100 | 1,3-β-D-Glucanases as candidates in latex-pollen-vegetable food cross-reactivity. <i>Clinical and Experimental Allergy</i> , 2005, 35, 345-351. | 2.9 | 88 |
| 101 | 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 |
| 102 | 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 |
| 103 | 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 |
| 104 | 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 |
| 105 | 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 |
| 106 | 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 |
| 107 | NMR Solution Structure of Ole e 6, a Major Allergen from Olive Tree Pollen. <i>Journal of Biological Chemistry</i> , 2004, 279, 39035-39041. | 3.4 | 19 |
| 108 | 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 |

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|-----|--|-----|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | 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 |
| 113 | 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. <i>Protein Expression and Purification</i> , 2004, 37, 336-343. | 1.3 | 17 |
| 114 | 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 |
| 115 | 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 |
| 116 | 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 |
| 117 | Solution structure of allergenic 2 S albumins. <i>Biochemical Society Transactions</i> , 2002, 30, 919-924. | 3.4 | 24 |
| 118 | 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 |
| 119 | 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 |
| 120 | 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. <i>Journal of Immunological Methods</i> , 2002, 259, 87-94. | 1.4 | 18 |
| 121 | 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 |
| 122 | Recombinant pronapin precursor produced in <i>Pichia pastoris</i> displays structural and immunologic equivalent properties to its mature product isolated from rapeseed. <i>FEBS Journal</i> , 2002, 269, 2538-2545. | 0.2 | 17 |
| 123 | Olive pollen allergen Ole e 8: identification in mature pollen and presence of Ole e 8-like proteins in different pollens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 40-43. | 5.7 | 3 |
| 124 | The Spectrum of Olive Pollen Allergens. <i>International Archives of Allergy and Immunology</i> , 2001, 125, 185-195. | 2.1 | 83 |
| 125 | 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 |
| 126 | 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 |

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|-----|--|-----|-----------|
| 127 | Allergenic cross-reactivity of olive pollen. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2000, 55, 658-663. | 5.7 | 25 |
| 128 | Assignment of the disulfide bonds of Ole e 1, a major allergen of olive tree pollen involved in fertilization. <i>Chemical Biology and Drug Design</i> , 2000, 55, 18-23. | 1.1 | 7 |
| 129 | Î²(1,2)-Xylose and Î±(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 |
| 130 | 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 |
| 131 | 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 |
| 132 | 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 |
| 133 | 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 |
| 134 | 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 |
| 135 | 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 |
| 136 | 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 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |
| 140 | Purification and characterization of napin-like proteins from radish. <i>Journal of Experimental Botany</i> , 1994, 45, 1169-1176. | 4.8 | 11 |
| 141 | Food mustard allergen interaction with phospholipid vesicles. <i>FEBS Journal</i> , 1994, 225, 609-615. | 0.2 | 47 |
| 142 | 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 |
| 143 | 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 |
| 144 | Ole e 1: 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | The amino acid sequence of Ole e 1, the major allergen from olive tree (<i>Olea europaea</i>) pollen. FEBS Journal, 1993, 216, 863-869. | 0.2 | 118 |
| 146 | Cloning and Expression of the Major Allergen from Yellow Mustard Seeds, Sin a I. Biochemical and Biophysical Research Communications, 1993, 190, 648-653. | 2.1 | 32 |
| 147 | A new distinct group of 2 S albumins from rapeseed. FEBS Letters, 1991, 295, 207-210. | 2.8 | 43 |
| 148 | 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 |
| 149 | Hydrolysis of Glycosyl-Phosphatidylinositol in Response to Insulin is Reduced in Cells Bearing Kinase-Deficient Insulin Receptors. Growth Factors, 1990, 2, 91-97. | 1.7 | 30 |
| 150 | Isolation of three allergenic fractions of the major allergen from <i>Olea europea</i> pollen and N-terminal amino acid sequence. Biochemical and Biophysical Research Communications, 1990, 172, 523-528. | 2.1 | 57 |
| 151 | Different phosphorylated forms of an insulin-sensitive glycosylphosphatidylinositol from rat hepatocytes. FEBS Letters, 1988, 236, 251-255. | 2.8 | 34 |
| 152 | Inhibition of cyclic AMP-dependent protein kinase by the polar head group of an insulin-sensitive glycopospholipid. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 968, 69-76. | 4.1 | 60 |
| 153 | Modulation by the ratio S-adenosylmethionine/S-adenosylhomocysteine of cyclic AMP-dependent phosphorylation of the 50 kDa protein of rat liver phospholipid methyltransferase. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 847, 273-279. | 4.1 | 12 |
| 154 | Phospholipid methyltransferase phosphorylation by intact hepatocytes: Effect of glucagon. Biochemical and Biophysical Research Communications, 1985, 131, 477-483. | 2.1 | 16 |
| 155 | Activation of partially purified rat liver lipid methyltransferase by phosphorylation. Biochemical and Biophysical Research Communications, 1984, 122, 1065-1070. | 2.1 | 39 |