

Stephan Scheurer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3764666/publications.pdf>

Version: 2024-02-01

85
papers

3,954
citations

134610

34
h-index

139680

61
g-index

87
all docs

87
docs citations

87
times ranked

2979
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Allergenic Properties and Molecular Characteristics of PR-1 Proteins. <i>Frontiers in Allergy</i> , 2022, 3, 824717. | 1.2 | 10 |
| 2 | Identification of a defensin as novel allergen in celery root: ApiÄgÄ7 as a missing link in the diagnosis of celery allergy?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1294-1296. | 2.7 | 6 |
| 3 | Does the Food Ingredient Pectin Provide a Risk for Patients Allergic to Non-Specific Lipid-Transfer Proteins?. <i>Foods</i> , 2022, 11, 13. | 1.9 | 4 |
| 4 | Component-Resolved Diagnosis of American Cockroach (<i>Periplaneta americana</i>) Allergy in Patients From Different Geographical Areas. <i>Frontiers in Allergy</i> , 2021, 2, 691627. | 1.2 | 4 |
| 5 | Î²-(1â†4)-Mannobiose Acts as an Immunostimulatory Molecule in Murine Dendritic Cells by Binding the TLR4/MD-2 Complex. <i>Cells</i> , 2021, 10, 1774. | 1.8 | 7 |
| 6 | The key to the allergenicity of lipid transfer protein (LTP) ligands: A structural characterization. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158928. | 1.2 | 18 |
| 7 | The Dietary Fiber Pectin: Health Benefits and Potential for the Treatment of Allergies by Modulation of Gut Microbiota. <i>Current Allergy and Asthma Reports</i> , 2021, 21, 43. | 2.4 | 57 |
| 8 | Allergenicity assessment of the edible cricket <i>Acheta domesticus</i> in terms of thermal and gastrointestinal processing and IgE cross-reactivity with shrimp. <i>Food Chemistry</i> , 2021, 359, 129878. | 4.2 | 27 |
| 9 | The Flagellin:Allergen Fusion Protein rFlaA:Betv1 Induces a MyD88â” and MAPK-Dependent Activation of Glucose Metabolism in Macrophages. <i>Cells</i> , 2021, 10, 2614. | 1.8 | 13 |
| 10 | The Role of Lipid Transfer Proteins as Food and Pollen Allergens Outside the Mediterranean Area. <i>Current Allergy and Asthma Reports</i> , 2021, 21, 7. | 2.4 | 32 |
| 11 | The Fusion Protein rFlaA:Betv1 Modulates DC Responses by a p38-MAPK and COX2-Dependent Secretion of PGE2 from Epithelial Cells. <i>Cells</i> , 2021, 10, 3415. | 1.8 | 7 |
| 12 | 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. | 4.2 | 3 |
| 13 | NFÎB- and MAP-Kinase Signaling Contribute to the Activation of Murine Myeloid Dendritic Cells by a Flagellin A:Allergen Fusion Protein. <i>Cells</i> , 2019, 8, 355. | 1.8 | 14 |
| 14 | Identification and molecular characterization of allergenic nonâ€specific lipidâ€transfer protein from durum wheat (<i>Triticum turgidum</i>). <i>Clinical and Experimental Allergy</i> , 2019, 49, 120-129. | 1.4 | 14 |
| 15 | Critical role of mammalian target of rapamycin for IL-10 dendritic cell induction by a flagellin AÄconjugate in preventing allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1786-1798.e11. | 1.5 | 23 |
| 16 | Virus-Like Particles as Carrier Systems to Enhance Immunomodulation in Allergen Immunotherapy. <i>Current Allergy and Asthma Reports</i> , 2018, 18, 71. | 2.4 | 29 |
| 17 | Immunotherapy with Native Molecule rather than Hypoallergenic Variant of Pru p 3, the Major Peach Allergen, Shows Beneficial Effects in Mice. <i>Journal of Immunology Research</i> , 2018, 2018, 1-10. | 0.9 | 5 |
| 18 | Modular MLV-VLPs co-displaying ovalbumin peptides and GM-CSF effectively induce expansion of CD11b+ APC and antigen-specific T cell responses in vitro. <i>Molecular Immunology</i> , 2018, 101, 19-28. | 1.0 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Interaction of Non-Specific Lipid-Transfer Proteins With Plant-Derived Lipids and Its Impact on Allergic Sensitization. <i>Frontiers in Immunology</i> , 2018, 9, 1389. | 2.2 | 30 |
| 20 | Identification and implication of an allergenic PR ϵ 10 protein from walnut in birch pollen associated walnut allergy. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600902. | 1.5 | 23 |
| 21 | Conjugation of wildtype and hypoallergenic mugwort allergen Art v 1 to flagellin induces IL-10-DC and suppresses allergen-specific TH2-responses in vivo. <i>Scientific Reports</i> , 2017, 7, 11782. | 1.6 | 11 |
| 22 | Cell-permeable capsids as universal antigen carrier for the induction of an antigen-specific CD8+ T-cell response. <i>Scientific Reports</i> , 2017, 7, 9630. | 1.6 | 13 |
| 23 | Targeting of Immune Cells by Dual TLR2/7 Ligands Suppresses Features of Allergic Th2 Immune Responses in Mice. <i>Journal of Immunology Research</i> , 2017, 2017, 1-12. | 0.9 | 11 |
| 24 | A Fusion Protein Consisting of the Vaccine Adjuvant Monophosphoryl Lipid A and the Allergen Ovalbumin Boosts Allergen-Specific Th1, Th2, and Th17 Responses<i>In Vitro</i>. <i>Journal of Immunology Research</i> , 2016, 2016, 1-8. | 0.9 | 24 |
| 25 | Molecular cloning of plane pollen allergen Pla α 3 and its utility as diagnostic marker for peach associated plane pollen allergy. <i>Clinical and Experimental Allergy</i> , 2016, 46, 764-774. | 1.4 | 29 |
| 26 | Food Allergens: Molecular and Immunological Aspects, Allergen Databases and Cross-Reactivity. <i>Chemical Immunology and Allergy</i> , 2015, 101, 18-29. | 1.7 | 34 |
| 27 | Identification of Sola l 4 as Bet v 1 homologous pathogenesis related-10 allergen in tomato fruits. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 582-592. | 1.5 | 27 |
| 28 | Lentiviral Protein Transfer Vectors Are an Efficient Vaccine Platform and Induce a Strong Antigen-Specific Cytotoxic T Cell Response. <i>Journal of Virology</i> , 2015, 89, 9044-9060. | 1.5 | 25 |
| 29 | Stabile pflanzliche Nahrungsmittelallergene \hat{A} :Lipid-Transfer-Proteine. , 2015, , 45-59. | | 2 |
| 30 | Prevention of Intestinal Allergy in Mice by rfla:Ova Is Associated with Enforced Antigen Processing and TLR5-Dependent IL-10 Secretion by mDC. <i>PLoS ONE</i> , 2014, 9, e87822. | 1.1 | 18 |
| 31 | Pomegranate (<i>Punica granatum</i> L.) Expresses Several nsLTP Isoforms Characterized by Different Immunoglobulin E-Binding Properties. <i>International Archives of Allergy and Immunology</i> , 2014, 164, 112-121. | 0.9 | 8 |
| 32 | Ovalbumin Modified with Pyrraline, a Maillard Reaction Product, shows Enhanced T-cell Immunogenicity. <i>Journal of Biological Chemistry</i> , 2014, 289, 7919-7928. | 1.6 | 68 |
| 33 | Cor a 1 \hat{A} reactive T cells and IgE are predominantly cross-reactive to Bet v 1 in patients with birch pollen \hat{A} associated food allergy to hazelnut. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1384-1392.e6. | 1.5 | 26 |
| 34 | Identification of allergen-resolved threshold doses of carrot (<i>Daucus carota</i>) by means of oral challenge and ELISA. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1711-1713.e2. | 1.5 | 9 |
| 35 | Rice-Induced Anaphylaxis: IgE-Mediated Allergy against a 56-kDa Glycoprotein. <i>International Archives of Allergy and Immunology</i> , 2012, 158, 9-17. | 0.9 | 34 |
| 36 | Pru p 3 acts as a strong sensitizer for peanut allergy in Spain. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1432-1434.e3. | 1.5 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Protein unfolding strongly modulates the allergenicity and immunogenicity of Pru p 3, the major peach allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 1022-1030.e7. | 1.5 | 74 |
| 38 | A fusion protein of flagellin and ovalbumin suppresses the TH2 response and prevents murine intestinal allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 1340-1348.e12. | 1.5 | 50 |
| 39 | Dau c 1.01 and Dau c 1.02-silenced transgenic carrot plants show reduced allergenicity to patients with carrot allergy. <i>Transgenic Research</i> , 2011, 20, 547-556. | 1.3 | 22 |
| 40 | A food matrix reduces digestion and absorption of food allergens in vivo. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1484-1491. | 1.5 | 56 |
| 41 | Wine Allergy in a Wine-Growing District. <i>World Allergy Organization Journal</i> , 2010, 3, 1-5. | 1.6 | 10 |
| 42 | Fusion protein of TLR5-ligand and allergen potentiates activation and IL-10 secretion in murine myeloid DC. <i>Molecular Immunology</i> , 2010, 48, 341-350. | 1.0 | 43 |
| 43 | Yeast profilin complements profilin deficiency in transgenic tomato fruits and allows development of hypoallergenic tomato fruits. <i>FASEB Journal</i> , 2010, 24, 4939-4947. | 0.2 | 2 |
| 44 | Yeast profilin complements profilin deficiency in transgenic tomato fruits and allows development of hypoallergenic tomato fruits. <i>FASEB Journal</i> , 2010, 24, 4939-4947. | 0.2 | 22 |
| 45 | Comparison of IgE-Binding Capacity, Cross-Reactivity and Biological Potency of Allergenic Non-Specific Lipid Transfer Proteins from Peach, Cherry and Hazelnut. <i>International Archives of Allergy and Immunology</i> , 2010, 153, 335-346. | 0.9 | 37 |
| 46 | Glycation of a food allergen by the Maillard reaction enhances its T-cell immunogenicity: Role of macrophage scavenger receptor class A type I and II. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 175-183.e11. | 1.5 | 117 |
| 47 | Identification and characterization of the major allergen of green bean (<i>Phaseolus vulgaris</i>) as a non-specific lipid transfer protein (Pha v 3). <i>Molecular Immunology</i> , 2010, 47, 1561-1568. | 1.0 | 29 |
| 48 | <i>Pichia pastoris</i> is superior to <i>E. coli</i> for the production of recombinant allergenic non-specific lipid-transfer proteins. <i>Protein Expression and Purification</i> , 2010, 69, 68-75. | 0.6 | 30 |
| 49 | Genetic engineering of plant food with reduced allergenicity. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 59. | 3.0 | 17 |
| 50 | Detection of allergen specific immunoglobulins by microarrays coupled to microfluidics. <i>Proteomics</i> , 2009, 9, 2098-2107. | 1.3 | 37 |
| 51 | Characterization of the allergic T-cell response to Pru p 3, the nonspecific lipid transfer protein in peach. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 100-107. | 1.5 | 36 |
| 52 | Tomato-induced occupational asthma in a greenhouse worker. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 1229-1231. | 1.5 | 12 |
| 53 | Expression and characterization of three important panallergens from hazelnut. <i>Molecular Nutrition and Food Research</i> , 2008, 52 Suppl 2, NA-NA. | 1.5 | 19 |
| 54 | Molecular characterisation of Lac s 1, the major allergen from lettuce (<i>Lactuca sativa</i>). <i>Molecular Immunology</i> , 2007, 44, 2820-2830. | 1.0 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Relevance of the recombinant lipid transfer protein of <i>Hevea brasiliensis</i> : IgE-binding reactivity in fruit-allergic adults. <i>Annals of Allergy, Asthma and Immunology</i> , 2006, 97, 643-649. | 0.5 | 28 |
| 56 | Skin prick tests reveal stable and heritable reduction of allergenic potency of gene-silenced tomato fruits. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 711-718. | 1.5 | 56 |
| 57 | Reduced allergenicity of tomato fruits harvested from <i>Lyc e 1</i> "silenced transgenic tomato plants. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 1176-1183. | 1.5 | 86 |
| 58 | Design of tomato fruits with reduced allergenicity by dsRNAi-mediated inhibition of ns-LTP (<i>Lyc e 3</i>) expression. <i>Plant Biotechnology Journal</i> , 2006, 4, 231-242. | 4.1 | 102 |
| 59 | Germin-like protein <i>Cit s 1</i> and profilin <i>Cit s 2</i> are major allergens in orange (<i>Citrus sinensis</i>) fruits. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 282-290. | 1.5 | 36 |
| 60 | Molecular basis of pollen-related food allergy: identification of a second cross-reactive IgE epitope on <i>Pru av 1</i> , the major cherry (<i>Prunus avium</i>) allergen. <i>Biochemical Journal</i> , 2005, 385, 319-327. | 1.7 | 44 |
| 61 | Novel isoforms of <i>Pru av 1</i> with diverging immunoglobulin E binding properties identified by a synergistic combination of molecular biology and proteomics. <i>Proteomics</i> , 2005, 5, 282-289. | 1.3 | 45 |
| 62 | Wine Anaphylaxis in a German Patient: IgE-Mediated Allergy against a Lipid Transfer Protein of Grapes. <i>International Archives of Allergy and Immunology</i> , 2005, 136, 159-164. | 0.9 | 65 |
| 63 | <i>Bet v 1142-156</i> is the dominant T-cell epitope of the major birch pollen allergen and important for cross-reactivity with <i>Bet v 1</i> "related food allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 213-219. | 1.5 | 147 |
| 64 | Recombinant lipid transfer protein <i>Cor a 8</i> from hazelnutA new tool for in vitro diagnosis of potentially severe hazelnut allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 141-147. | 1.5 | 163 |
| 65 | Strong allergenicity of <i>Pru av 3</i> , the lipid transfer protein from cherry, is related to high stability against thermal processing and digestion. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 900-907. | 1.5 | 161 |
| 66 | Hazelnut (<i>Corylus avellana</i>) vicilin <i>Cor a 11</i> : molecular characterization of a glycoprotein and its allergenic activity. <i>Biochemical Journal</i> , 2004, 383, 327-334. | 1.7 | 104 |
| 67 | Molecular characterization and allergenic activity of <i>Lyc e 2</i> (beta-fructofuranosidase), a glycosylated allergen of tomato. <i>FEBS Journal</i> , 2003, 270, 1327-1337. | 0.2 | 103 |
| 68 | Biological activity of IgE specific for cross-reactive carbohydrate determinants. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 889-896. | 1.5 | 169 |
| 69 | Mutational epitope analysis of <i>Pru av 1</i> and <i>Api g 1</i> , the major allergens of cherry (<i>Prunus avium</i>) and celery (<i>Apium graveolens</i>): correlating IgE reactivity with three-dimensional structure. <i>Biochemical Journal</i> , 2003, 376, 97-107. | 1.7 | 113 |
| 70 | Monoclonal IgE antibodies against birch pollen allergens: Novel tools for biological characterization and standardization of allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 1262-1268. | 1.5 | 10 |
| 71 | Hazelnut LTP, <i>Cor a 8</i> : Molecular cloning and clinical relevance. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, S302-S302. | 1.5 | 2 |
| 72 | Characterisation and cloning of a 48 kDa glycoprotein, from hazelnut (<i>corylus avellana</i>) as minor allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, S302-S302. | 1.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Prevalence of IgE-sensitization and cross-reactivity of Pru av 3, the lipid transfer protein from cherry. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, S306-S306. | 1.5 | 0 |
| 74 | Cloning and characterization of Î²-fructofuranosidase, a newly identified glycoprotein as a minor allergen of tomato (<i>Lycopersicon esculentum</i>). <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, S308-S308. | 1.5 | 2 |
| 75 | Component-resolved diagnosis with recombinant allergens in patients with cherry allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 110, 167-173. | 1.5 | 123 |
| 76 | Current Understanding of Cross-reactivity of Food Allergens and Pollen. <i>Annals of the New York Academy of Sciences</i> , 2002, 964, 47-68. | 1.8 | 396 |
| 77 | Recombinant allergens Pru av 1 and Pru av 4 and a newly identified lipid transfer protein in the in vitro diagnosis of cherry allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 107, 724-731. | 1.5 | 116 |
| 78 | Recombinant food allergens. <i>Biomedical Applications</i> , 2001, 756, 255-279. | 1.7 | 34 |
| 79 | Pyr c 1, the major allergen from pear (<i>Pyrus communis</i>), is a new member of the Bet v 1 allergen family. <i>Biomedical Applications</i> , 2001, 756, 281-293. | 1.7 | 66 |
| 80 | Patient-tailored cloning of allergens by phage display: Peanut (<i>Arachis hypogaea</i>) profilin, a food allergen derived from a rare mRNA. <i>Biomedical Applications</i> , 2001, 756, 295-305. | 1.7 | 46 |
| 81 | Cross-reactivity within the profilin panallergen family investigated by comparison of recombinant profilins from pear (<i>Pyr c 4</i>), cherry (<i>Pru av 4</i>) and celery (<i>Api g 4</i>) with birch pollen profilin <i>Bet v 2</i> . <i>Biomedical Applications</i> , 2001, 756, 315-325. | 1.7 | 84 |
| 82 | Optimized allergen extracts and recombinant allergens in diagnostic applications. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001, 56, 78-82. | 2.7 | 37 |
| 83 | Allergic Cross-reactivity Made Visible. <i>Journal of Biological Chemistry</i> , 2001, 276, 22756-22763. | 1.6 | 151 |
| 84 | Sequence-specific ¹ H, ¹³ C and ¹⁵ N resonance assignments of the major cherry allergen Pru a 1. <i>Journal of Biomolecular NMR</i> , 2000, 18, 71-72. | 1.6 | 5 |
| 85 | Molecular cloning and characterization of a birch pollen minor allergen, <i>Bet v 5</i> , belonging to a family of isoflavone reductase-related proteins. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 104, 991-999. | 1.5 | 89 |