

Zsolt Szepfalusi

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,591
citations

126907

33
h-index

149698

56
g-index

123
all docs

123
docs citations

123
times ranked

4060
citing authors

#	ARTICLE	IF	CITATIONS
1	Prebiotic oligosaccharides: <i>in vitro</i> evidence for gastrointestinal epithelial transfer and immunomodulatory properties. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 1179-1188.	2.6	201
2	Human Milk-Derived Oligosaccharides and Plant-Derived Oligosaccharides Stimulate Cytokine Production of Cord Blood T-Cells <i>In Vitro</i> . <i>Pediatric Research</i> , 2004, 56, 536-540.	2.3	182
3	A Th17- and Th2-skewed Cytokine Profile in Cystic Fibrosis Lungs Represents a Potential Risk Factor for <i>Pseudomonas aeruginosa</i> Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 621-629.	5.6	151
4	Direct Evidence for Transplacental Allergen Transfer. <i>Pediatric Research</i> , 2000, 48, 404-407.	2.3	143
5	Provoking allergens and treatment of anaphylaxis in children and adolescents – data from the anaphylaxis registry of German-speaking countries. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 568-574.	2.6	137
6	Molecular Characterization of an Autoallergen, Hom s 1, Identified by Serum IgE from Atopic Dermatitis Patients11Part of this manuscript was previously published in the proceedings of the 21st Symposium of the Collegium Internationale Allergologicum – “Allergy – A Disease of Modern Society”, <i>Int Arch Allergy Immunol</i> 113:209–212, 1998. <i>Journal of Investigative Dermatology</i> , 1998, 111, 1178-1183.	0.7	122
7	Exhaled nitric oxide in the management of childhood asthma: A prospective 6-months study. <i>Pediatric Pulmonology</i> , 2006, 41, 855-862.	2.0	122
8	Transplacental priming of the human immune system with environmental allergens can occur early in gestation. <i>Journal of Allergy and Clinical Immunology</i> , 2000, 106, 530-536.	2.9	103
9	Boiling peanut Ara h 1 results in the formation of aggregates with reduced allergenicity. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1887-1894.	3.3	101
10	Effect of Heating and Glycation on the Allergenicity of 2S Albumins (Ara h 2/6) from Peanut. <i>PLoS ONE</i> , 2011, 6, e23998.	2.5	99
11	Diagnosis and management of asthma – Statement on the 2015 GINA Guidelines. <i>Wiener Klinische Wochenschrift</i> , 2016, 128, 541-554.	1.9	93
12	Gastrointestinal digestion products of the major peanut allergen Ara h 1 retain an allergenic potential. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1281-1288.	2.9	88
13	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, 118-124.e12.	2.9	85
14	Prenatal Contact with Inhalant Allergens. <i>Pediatric Research</i> , 1997, 41, 128-131.	2.3	84
15	Differential storage of hydroxyethyl starch (HES) in the skin: an immunoelectron-microscopical long-term study. <i>Cell and Tissue Research</i> , 2001, 304, 261-269.	2.9	64
16	High-throughput sequencing enhanced phage display enables the identification of patient-specific epitope motifs in serum. <i>Scientific Reports</i> , 2015, 5, 12913.	3.3	62
17	Latex sensitization in spina bifida appears disease-associated. <i>Journal of Pediatrics</i> , 1999, 134, 344-348.	1.8	59
18	Multiple T cell specificities for <i>Bet v</i> I, the major birch pollen allergen, within single individuals. Studies using specific T cell clones and overlapping peptides. <i>European Journal of Immunology</i> , 1993, 23, 1523-1527.	2.9	57

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19	Absence of systemic immunologic changes during dose build-up phase and early maintenance period in effective specific sublingual immunotherapy in children. <i>Clinical and Experimental Allergy</i> , 2006, 36, 32-39.	2.9	55
20	Preventive sublingual immunotherapy in preschool children: First evidence for safety and pro-tolerogenic effects. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 788-795.	2.6	53
21	A distinct microbiota composition is associated with protection from food allergy in an oral mouse immunization model. <i>Clinical Immunology</i> , 2016, 173, 10-18.	3.2	52
22	S3 Guideline Allergy Prevention. <i>Allergologie</i> , 2022, 6, 61-97.	0.1	52
23	T cell clones specific for Bet v I, the major birch pollen allergen, crossreact with the major allergens of hazel, Cor a I, and alder, Aln g I. <i>Molecular Immunology</i> , 1993, 30, 1323-1329.	2.2	49
24	Only Î±Gal bound to lipids, but not to proteins, is transported across enterocytes as an IgE-reactive molecule that can induce effector cell activation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1956-1968.	5.7	49
25	Update of the S2k guideline on the management of IgE-mediated food allergies. <i>Allergologie Select</i> , 2021, 5, 195-243.	3.1	42
26	Biologicals in atopic disease in pregnancy: An EAACI position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 71-89.	5.7	41
27	Characterization of T Cell Responses to Hev b 3, an Allergen Associated with Latex Allergy in Spina Bifida Patients. <i>Journal of Immunology</i> , 2000, 164, 4393-4398.	0.8	40
28	Peanut-induced anaphylaxis in children and adolescents: Data from the European Anaphylaxis Registry. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1517-1527.	5.7	39
29	Use of biologicals in allergic and type-2 inflammatory diseases during the current COVID-19 pandemic. <i>Allergologie Select</i> , 2020, 4, 53-68.	3.1	38
30	Basophil activation test shows high accuracy in the diagnosis of peanut and tree nut allergy: The Markers of Nut Allergy Study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1800-1812.	5.7	37
31	Monocyte phagocytosis as a reliable parameter for predicting early-onset sepsis in very low birthweight infants. <i>Early Human Development</i> , 2002, 67, 1-9.	1.8	36
32	Cord Blood Derived CD4+CD25high T Cells Become Functional Regulatory T Cells upon Antigen Encounter. <i>PLoS ONE</i> , 2012, 7, e29355.	2.5	36
33	Differential expression of IL-33 and HMGB1 in the lungs of stable cystic fibrosis patients. <i>European Respiratory Journal</i> , 2014, 44, 802-805.	6.7	35
34	A Soluble Form of the High Affinity IgE Receptor, Fc-Epsilon-RI, Circulates in Human Serum. <i>PLoS ONE</i> , 2011, 6, e19098.	2.5	35
35	Impact of systemic immuno-suppression after solid organ transplantation on allergen-specific responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 271-278.	5.7	34
36	Most of diaplacentally transferred allergen is retained in the placenta. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1130-1137.	2.9	33

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37	Non-celiac gluten/wheat sensitivity (NCGS) – currently undefined disorder without validated diagnostic criteria and of unknown prevalence. <i>Allergo Journal International</i> , 2018, 27, 147-151.	2.0	33
38	Toward personalization of asthma treatment according to trigger factors. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1529-1534.	2.9	30
39	Possible dysregulation of chaperon and metabolic proteins in cystic fibrosis bronchial tissue. <i>Proteomics</i> , 2006, 6, 3381-3388.	2.2	29
40	Lessons from low seroprevalence of SARS-CoV-2 antibodies in schoolchildren: A cross-sectional study. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 762-770.	2.6	29
41	Detection of IgE Antibodies Specific for Allergens in Cow Milk and Cow Dander. <i>International Archives of Allergy and Immunology</i> , 1993, 102, 288-294.	2.1	28
42	Immunosuppressive Therapy Does Not Prevent the Occurrence of Immunoglobulin E-Mediated Allergies in Children and Adolescents With Organ Transplants. <i>Pediatrics</i> , 2006, 118, e764-e770.	2.1	28
43	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.	2.1	28
44	Allergy to chicken meat without sensitization to egg proteins: A case report... <i>Journal of Allergy and Clinical Immunology</i> , 1997, 100, 577-579.	2.9	27
45	IgE epitopes of intact and digested Ara h 1: A comparative study in humans and rats. <i>Molecular Immunology</i> , 2012, 51, 337-346.	2.2	26
46	Early exposure to latex products mediates latex sensitization in spina bifida but not in other diseases with comparable latex exposure rates. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1242-1246.	2.9	24
47	Lung transplantation in children and young adults: a 20-year single-centre experience. <i>European Respiratory Journal</i> , 2012, 40, 462-469.	6.7	24
48	Markers of tolerance development to food allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1393-1404.	5.7	24
49	Comparison of Immunological Status of African and European Cord Blood Mononuclear Cells. <i>Pediatric Research</i> , 2008, 64, 631-636.	2.3	23
50	Fc-Epsilon-RI, the High Affinity IgE-Receptor, Is Robustly Expressed in the Upper Gastrointestinal Tract and Modulated by Mucosal Inflammation. <i>PLoS ONE</i> , 2012, 7, e42066.	2.5	23
51	An algorithm for the classification of mRNA patterns in eosinophilic esophagitis: Integration of machine learning. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1354-1364.e9.	2.9	22
52	Guideline on management of suspected adverse reactions to ingested histamine - Guideline of the German Society for Allergology and Clinical Immunology (DGAKI), the Society for Pediatric Allergology and Environmental Medicine (GPA), the Medical Association. <i>Allergologie Select</i> , 2021, 5, 305-314.	3.1	22
53	Cord blood mononuclear cells and milk-specific T-cell clones are tools to evaluate the residual immunogenicity of hydrolyzed milk formulas. <i>Journal of Allergy and Clinical Immunology</i> , 1998, 101, 514-520.	2.9	21
54	IgE versus IgG4 epitopes of the peanut allergen Ara h 1 in patients with severe allergy. <i>Molecular Immunology</i> , 2014, 58, 169-176.	2.2	21

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55	The soluble isoform of human Fc ϵ RI is an endogenous inhibitor of IgE-mediated mast cell responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 236-245.	5.7	21
56	Dose-Dependent and Preterm- Accentuated Diaplacental Transport of Nutritive Allergens in vitro. <i>International Archives of Allergy and Immunology</i> , 2003, 130, 25-32.	2.1	19
57	Preventive sublingual immunotherapy with House Dust Mite extract modulates epitope diversity in pre-school children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 780-787.	5.7	19
58	Allergic sensitization in kidney-transplanted patients prevails under tacrolimus treatment. <i>Clinical and Experimental Allergy</i> , 2011, 41, 1125-1132.	2.9	18
59	The influence of retransplantation on survival for pediatric lung transplant recipients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 2025-2034.e2.	0.8	17
60	Linear epitope mapping of peanut allergens demonstrates individualized and persistent antibody-binding patterns. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1728-1730.	2.9	16
61	ICER report for peanut OIT comes up short. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 123, 430-432.	1.0	15
62	Soluble Fc ϵ RI: A biomarker for IgE-mediated diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1381-1384.	5.7	15
63	Long-Lived Immunity in SARS-CoV-2-Recovered Children and Its Neutralizing Capacity Against Omicron. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	15
64	The Maturation of the Fetal and Neonatal Immune System. <i>Journal of Nutrition</i> , 2008, 138, 1773S.	2.9	14
65	PD δ 1 and PD1 expression in post-transplantation lymphoproliferative disease (PTLD) of childhood and adolescence: An inter- and intra-individual descriptive study covering the whole spectrum of PTLD categories. <i>Cancer Medicine</i> , 2019, 8, 4656-4668.	2.8	14
66	Culture conditions for the detection of allergen-specific T-cell reactivity in cord blood: Influence of cell number. <i>Pediatric Allergy and Immunology</i> , 2000, 11, 4-11.	2.6	13
67	Modeling the conversion between specific IgE test platforms for nut allergens in children and adolescents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 831-841.	5.7	13
68	Immunoglobulin E-Mediated Allergies in Lung-Transplanted Adults. <i>Transplantation</i> , 2007, 84, 275-279.	1.0	11
69	Engineering of structural variants of the major peanut allergens Ara h 2 and Ara h 6 for allergen-specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1226-1229.e10.	2.9	11
70	Soluble Fc μ RI, IgE, and tryptase as potential biomarkers of rapid desensitizations for platinum IgE sensitized cancer patients. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2085-2088.e10.	3.8	11
71	Heat- and Formalin-Inactivated Probiotic Bacteria Induce Comparable Cytokine Patterns in Intestinal Epithelial Cell-Leucocyte Cocultures. <i>Journal of Food Protection</i> , 2007, 70, 2417-2421.	1.7	10
72	Characteristics, management, and outcome of pediatric patients with post-transplant lymphoproliferative disease: A 20-years' experience from Austria. <i>Cancer Reports</i> , 2021, 4, e1375.	1.4	10

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73	Allergen specific responses in cord and adult blood are differentially modulated in the presence of endotoxins. <i>Clinical and Experimental Allergy</i> , 2008, 38, 1627-1634.	2.9	9
74	Real-life safety of 5-grass pollen tablet in 5-to-9-year-old children with allergic rhinoconjunctivitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 123, 70-80.	1.0	9
75	Biologicals in childhood severe asthma: the European PERMEABLE survey on the <i>status quo</i>. <i>ERJ Open Research</i> , 2021, 7, 00143-2021.	2.6	9
76	Anwendung von Biologika bei allergischen und Typ-2- entzündlichen Erkrankungen in der aktuellen COVID-19-Pandemie – ein Positionspapier von AeDA, DGAKI, GPA, –GAI, LGAI, A–GP, ARIA und EAACI. <i>Allergologie</i> , 2020, 43, 255-271.	0.1	9
77	Tumor necrosis factor- β induction of major histocompatibility complex class. II antigen expression is inhibited by interferon- β in a monocytic cell line. <i>European Journal of Immunology</i> , 1995, 25, 3202-3206.	2.9	7
78	Increased prevalence of latex-sensitization among children with chronic renal failure. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004, 59, 734-738.	5.7	7
79	Subsequent MRI of pediatric patients after an adverse reaction to Gadolinium-based contrast agents. <i>PLoS ONE</i> , 2020, 15, e0230781.	2.5	7
80	Acute hemorrhagic respiratory failure caused by Wegener's granulomatosis successfully treated by bronchoalveolar lavage with diluted surfactant. <i>Wiener Klinische Wochenschrift</i> , 2003, 115, 793-796.	1.9	6
81	Novel developments in the mechanisms of immune tolerance to allergens. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1485-1491.	3.3	6
82	Is the concept of "peanut-free schools" useful in the routine management of peanut-allergic children at risk of anaphylaxis?. <i>Allergo Journal International</i> , 2020, 29, 169-173.	2.0	6
83	Answers to burning questions for clinical allergologists related to the new COVID-19 vaccines. <i>Allergo Journal International</i> , 2021, 30, 169-175.	2.0	5
84	Acute exacerbations in children's interstitial lung disease. <i>Thorax</i> , 2022, 77, 799-804.	5.6	5
85	Characterization of the antibody response to SARS-CoV-2 in a mildly affected pediatric population. <i>Pediatric Allergy and Immunology</i> , 2022, 33, e13737.	2.6	5
86	Evidence for a Role of TGF- β -Activated Kinase 1 and MAP3K7 Binding Protein 3 in Peanut-Specific T-Cell Responses. <i>International Archives of Allergy and Immunology</i> , 2019, 179, 10-16.	2.1	4
87	Dietary implications in acetylsalicylic acid intolerance. <i>Allergo Journal International</i> , 2020, 29, 93-96.	2.0	4
88	Early detection of lung function decrements in children and adolescents with cystic fibrosis using new reference values. <i>Wiener Klinische Wochenschrift</i> , 2017, 129, 533-539.	1.9	3
89	An optimized, robust and reproducible protocol to generate well-differentiated primary nasal epithelial models from extremely premature infants. <i>Scientific Reports</i> , 2019, 9, 20069.	3.3	3
90	Transfer and loss of allergen-specific responses via stem cell transplantation: A prospective observational study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2243-2253.	5.7	3

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91	Early priming of asthma and respiratory allergies: Future aspects of prevention. <i>Pediatric Allergy and Immunology</i> , 2022, 33, e13773.	2.6	3
92	Glucocorticoids enhance interleukin-4 production to neo-antigen (hyaluronidase) in children immunocompromised with cytostatic drugs. <i>Pediatric Allergy and Immunology</i> , 2002, 13, 375-380.	2.6	2
93	Cysteinyl-leukotrienes in nasal lavage fluid in children with asthma. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 227-232.	2.6	2
94	Case Report: Maintenance of Desensitization to Nebulized Colomycin Over 10 Years. <i>Frontiers in Pediatrics</i> , 2021, 9, 663228.	1.9	2
95	THE SIGNIFICANCE OF CHICKEN MEAT ALLERGY WITHOUT SENSITIZATION TO EGG PROTEINS. <i>Annals of Allergy, Asthma and Immunology</i> , 2000, 85, 84.	1.0	1
96	<i>Aspergillus fumigatus</i> -specific immunoglobulin levels in BALF of CF patients. <i>ERJ Open Research</i> , 2017, 3, 00067-2017.	2.6	1
97	Safety of 300IR 5-Grass Tablet in Children with Grass-Pollen-Induced Allergic Rhinoconjunctivitis: Results of an Observational, Post-Marketing Safety Study. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB402.	2.9	1
98	Hypopyon sign as an unusual complication of varicella infection in a girl with atopic dermatitis. <i>Wiener Medizinische Wochenschrift</i> , 2021, 171, 61-64.	1.1	1
99	Keine Empfehlung für IgG- und IgG4-Bestimmungen gegen Nahrungsmittel Testing of IgG and IgG4 to foods is not recommended Leitlinie der Deutschen Gesellschaft für Allergologie und klinische Immunologie (DGAKI), des Österreicherischen Allergologen (ÖGÄ), der Gesellschaft für Pädiatrische Allergologie und Umweltmedizin (GPA), der Österreichischen Gesellschaft für Allergologie und Immunologie (ÖGAI) und der Schweizerischen Gesellschaft für Allergologie und Immunologie (SGAI) nach Aöbernahme des Task Forc. <i>Laboratoriums Medizin</i> , 2010, 34, 169-170.	0.6	0
100	Clinical practice. <i>European Journal of Pediatrics</i> , 2011, 170, 137-148.	2.7	0
101	Bilateral Infiltrative Dacryoadenitis and Granulomatous Pneumonia in an 11-Year-Old Boy: A Case Report. <i>Klinische Pädiatrie</i> , 2017, 229, 96-99.	0.6	0
102	Acute Respiratory Distress in a Child with H3N2 Infection. <i>Klinische Pädiatrie</i> , 2018, 230, 50-52.	0.6	0
103	Safety Of 300IR 5-Grass Tablet In Grass Pollen-Allergic Children With Or Without Controlled Asthma: Further Data From A Post-Marketing Observational Study. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, AB198.	2.9	0
104	Nicht-Zöliakie-Gluten-/Weizen-Sensitivität (NCGS) – ein bislang nicht definiertes Krankheitsbild mit fehlenden Diagnosekriterien und unbekannter Häufigkeit. <i>Allergologie</i> , 2019, 42, 111-117.	0.1	0
105	Arterial partial pressure of oxygen (PaO2) - a marker for cystic fibrosis (CF) lung disease and chronic airway infection. , 2019, , ,		0
106	Clinical Incidence of Food Allergy. , 0, , 26-41.		0