

Zsolt Szepfalusi

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,591
citations

126858

33
h-index

149623

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.	1.1	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.	1.1	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.	2.5	151
4	Direct Evidence for Transplacental Allergen Transfer. <i>Pediatric Research</i> , 2000, 48, 404-407.	1.1	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.	1.1	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.	0.3	122
7	Exhaled nitric oxide in the management of childhood asthma: A prospective 6-months study. <i>Pediatric Pulmonology</i> , 2006, 41, 855-862.	1.0	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.	1.5	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.	1.5	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.	1.1	99
11	Diagnosis and management of asthma – Statement on the 2015 GINA Guidelines. <i>Wiener Klinische Wochenschrift</i> , 2016, 128, 541-554.	1.0	93
12	Gastro-duodenal digestion products of the major peanut allergen Ara h 1 retain an allergenic potential. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1281-1288.	1.4	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.	1.5	85
14	Prenatal Contact with Inhalant Allergens. <i>Pediatric Research</i> , 1997, 41, 128-131.	1.1	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.	1.5	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.	1.6	62
17	Latex sensitization in spina bifida appears disease-associated. <i>Journal of Pediatrics</i> , 1999, 134, 344-348.	0.9	59
18	Multiple T cell specificities for Bet v 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.	1.6	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.	1.4	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.	1.1	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.	1.4	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.	1.0	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.	2.7	49
25	Update of the S2k guideline on the management of IgE-mediated food allergies. <i>Allergologie Select</i> , 2021, 5, 195-243.	1.6	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.	2.7	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.	0.4	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.	2.7	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.	1.6	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.	2.7	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.	0.8	36
32	Cord Blood Derived CD4+CD25high T Cells Become Functional Regulatory T Cells upon Antigen Encounter. <i>PLoS ONE</i> , 2012, 7, e29355.	1.1	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.	3.1	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.	1.1	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.	2.7	34
36	Most of diaplacentally transferred allergen is retained in the placenta. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1130-1137.	1.4	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.	0.9	33
38	Toward personalization of asthma treatment according to trigger factors. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1529-1534.	1.5	30
39	Possible dysregulation of chaperon and metabolic proteins in cystic fibrosis bronchial tissue. <i>Proteomics</i> , 2006, 6, 3381-3388.	1.3	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.	1.1	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.	0.9	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.	1.0	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.	0.9	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.	1.5	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.	1.0	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.	1.4	24
47	Lung transplantation in children and young adults: a 20-year single-centre experience. <i>European Respiratory Journal</i> , 2012, 40, 462-469.	3.1	24
48	Markers of tolerance development to food allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1393-1404.	2.7	24
49	Comparison of Immunological Status of African and European Cord Blood Mononuclear Cells. <i>Pediatric Research</i> , 2008, 64, 631-636.	1.1	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.	1.1	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.	1.5	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.	1.6	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.	1.5	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.	1.0	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.	2.7	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.	0.9	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.	2.7	19
58	Allergic sensitization in kidney-transplanted patients prevails under tacrolimus treatment. <i>Clinical and Experimental Allergy</i> , 2011, 41, 1125-1132.	1.4	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.	0.4	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.	1.5	16
61	ICER report for peanut OIT comes up short. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 123, 430-432.	0.5	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.	2.7	15
63	Long-Lived Immunity in SARS-CoV-2-Recovered Children and Its Neutralizing Capacity Against Omicron. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	15
64	The Maturation of the Fetal and Neonatal Immune System. <i>Journal of Nutrition</i> , 2008, 138, 1773S.	1.3	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.	1.3	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.	1.1	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.	2.7	13
68	Immunoglobulin E-Mediated Allergies in Lung-Transplanted Adults. <i>Transplantation</i> , 2007, 84, 275-279.	0.5	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.	1.5	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.	2.0	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.	0.8	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.	0.6	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.	1.4	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.	0.5	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.	1.1	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.	1.6	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.	2.7	7
79	Subsequent MRI of pediatric patients after an adverse reaction to Gadolinium-based contrast agents. <i>PLoS ONE</i> , 2020, 15, e0230781.	1.1	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.	1.0	6
81	Novel developments in the mechanisms of immune tolerance to allergens. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1485-1491.	1.4	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.	0.9	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.	0.9	5
84	Acute exacerbations in children’s interstitial lung disease. <i>Thorax</i> , 2022, 77, 799-804.	2.7	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.	1.1	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.	0.9	4
87	Dietary implications in acetylsalicylic acid intolerance. <i>Allergo Journal International</i> , 2020, 29, 93-96.	0.9	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.	1.0	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.	1.6	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.	2.7	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.	1.1	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.	1.1	2
93	Cysteinyl-leukotrienes in nasal lavage fluid in children with asthma. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 227-232.	1.1	2
94	Case Report: Maintenance of Desensitization to Nebulized Colomycin Over 10 Years. <i>Frontiers in Pediatrics</i> , 2021, 9, 663228.	0.9	2
95	THE SIGNIFICANCE OF CHICKEN MEAT ALLERGY WITHOUT SENSITIZATION TO EGG PROTEINS. <i>Annals of Allergy, Asthma and Immunology</i> , 2000, 85, 84.	0.5	1
96	<i>Aspergillus fumigatus</i> -specific immunoglobulin levels in BALF of CF patients. <i>ERJ Open Research</i> , 2017, 3, 00067-2017.	1.1	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.	1.5	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.	0.5	1
99	Keine Empfehlung f�r IgG- und IgG4-Bestimmungen gegen Nahrungsmittel Testing of IgG and IgG4 to foods is not recommended Leitlinie der Deutschen Gesellschaft f�r Allergologie und klinische Immunologie (DGAKI), des �rzteverbandes Deutscher Allergologen (�,DA), der Gesellschaft f�r P�diatrische Allergologie und Umweltmedizin (GPA), der �sterreichischen Gesellschaft f�r Allergologie und Immunologie (�-GA) und der Schweizerischen Gesellschaft f�r Allergologie und Immunologie (SGAI) nach �bernahme des Task Forc. <i>Laboratoriums Medizin</i> , 2010, 34, 169-170.	0.1	0
100	Clinical practice. <i>European Journal of Pediatrics</i> , 2011, 170, 137-148.	1.3	0
101	Bilateral Infiltrative Dacryoadenitis and Granulomatous Pneumonia in an 11-Year-Old Boy: A Case Report. <i>Klinische Padiatrie</i> , 2017, 229, 96-99.	0.2	0
102	Acute Respiratory Distress in a Child with H3N2 Infection. <i>Klinische Padiatrie</i> , 2018, 230, 50-52.	0.2	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.	1.5	0
104	Nicht-Z�liakie-Gluten-/Weizen-Sensitivit�t (NCGS) � ein bislang nicht definiertes Krankheitsbild mit fehlenden Diagnosekriterien und unbekannter H�ufigkeit. <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