

Eva Untersmayr

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

3,905
citations

101543

36
h-index

138484

58
g-index

106
all docs

106
docs citations

106
times ranked

3987
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of protein digestibility and antacids on food allergy outcomes. Journal of Allergy and Clinical Immunology, 2008, 121, 1301-1308.	2.9	242
2	Antacid medication inhibits digestion of dietary proteins and causes food allergy A fish allergy model in balb/c mice. Journal of Allergy and Clinical Immunology, 2003, 112, 616-623.	2.9	241
3	Anti-ulcer drugs promote IgE formation toward dietary antigens in adult patients. FASEB Journal, 2005, 19, 1-16.	0.5	195
4	Antiulcer drugs promote oral sensitization and hypersensitivity to hazelnut allergens in BALB/c mice and humans. American Journal of Clinical Nutrition, 2005, 81, 154-160.	4.7	140
5	Immunology of COVID-19: Mechanisms, clinical outcome, diagnostics, and perspectives”A report of the European Academy of Allergy and Clinical Immunology (EAACI). Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2445-2476.	5.7	132
6	EAACI position paper: Influence of dietary fatty acids on asthma, food allergy, and atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1429-1444.	5.7	103
7	EAACI position paper on diet diversity in pregnancy, infancy and childhood: Novel concepts and implications for studies in allergy and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 497-523.	5.7	101
8	The effects of gastric digestion on codfish allergenicity. Journal of Allergy and Clinical Immunology, 2005, 115, 377-382.	2.9	97
9	Stability of allergens. Molecular Immunology, 2018, 100, 14-20.	2.2	95
10	Dietary factors during pregnancy and atopic outcomes in childhood: A systematic review from the European Academy of Allergy and Clinical Immunology. Pediatric Allergy and Immunology, 2020, 31, 889-912.	2.6	95
11	Managing childhood allergies and immunodeficiencies during respiratory virus epidemics – The 2020 COVID-19 pandemic: A statement from the EAACI’s section on pediatrics. Pediatric Allergy and Immunology, 2020, 31, 442-448.	2.6	88
12	Incomplete digestion of codfish represents a risk factor for anaphylaxis in patients with allergy. Journal of Allergy and Clinical Immunology, 2007, 119, 711-717.	2.9	84
13	Mimotopes identify conformational epitopes on parvalbumin, the major fish allergen. Molecular Immunology, 2006, 43, 1454-1461.	2.2	83
14	COVID-19 pandemic: Practical considerations on the organization of an allergy clinic”An EAACI/ARIA Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 648-676.	5.7	79
15	Considerations on biologicals for patients with allergic disease in times of the COVID-19 pandemic: An EAACI statement. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2764-2774.	5.7	75
16	The relevance of a digestibility evaluation in the allergenicity risk assessment of novel proteins. Opinion of a joint initiative of COST action ImpARAS and COST action INFOGEST. Food and Chemical Toxicology, 2019, 129, 405-423.	3.6	67
17	Anti-ulcer treatment during pregnancy induces food allergy in mouse mothers and a Th2 bias in their offspring. FASEB Journal, 2007, 21, 1264-1270.	0.5	66
18	ARIA’s EAACI statement on severe allergic reactions to COVID-19 vaccines – An EAACI’s ARIA Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1624-1628.	5.7	66

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19	The effect of gastric digestion on food allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2006, 6, 214-219.	2.3	64
20	The role of gastrointestinal permeability in food allergy. <i>Annals of Allergy, Asthma and Immunology</i> , 2018, 121, 168-173.	1.0	64
21	Cowâ€™s milk protein β -lactoglobulin confers resilience against allergy by targeting complexed iron into immune cells. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 321-334.e4.	2.9	62
22	M cell targeting with <i>Aleuria aurantia</i> lectin as a novel approach for oral allergen immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 1362-1368.	2.9	60
23	Mapping of conformational IgE epitopes on Phl p 5a by using mimotopes from a phage display library. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 1294-1300.	2.9	57
24	Mechanisms of type I food allergy. , 2006, 112, 787-798.		56
25	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
26	Risk assessment in elderly for sensitization to food and respiratory allergens. <i>Immunology Letters</i> , 2006, 107, 15-21.	2.5	49
27	The Effect of Digestion and Digestibility on Allergenicity of Food. <i>Nutrients</i> , 2018, 10, 1129.	4.1	49
28	Mucosal targeting of allergen-loaded microspheres by <i>Aleuria aurantia</i> lectin. <i>Vaccine</i> , 2005, 23, 2703-2710.	3.8	48
29	Role of dietary fiber in promoting immune healthâ€™”An <sc>EAACI</sc> position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3185-3198.	5.7	48
30	Current challenges facing the assessment of the allergenic capacity of food allergens in animal models. <i>Clinical and Translational Allergy</i> , 2016, 6, 21.	3.2	46
31	Active Induction of Tumor-Specific IgE Antibodies by Oral Mimotope Vaccination. <i>Cancer Research</i> , 2007, 67, 3406-3411.	0.9	43
32	Functionalisation of allergen-loaded microspheres with wheat germ agglutinin for targeting enterocytes. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 281-287.	2.1	42
33	Targeting antigens to murine and human M-cells with <i>Aleuria aurantia</i> lectin-functionalized microparticles. <i>Immunology Letters</i> , 2005, 100, 182-188.	2.5	42
34	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
35	AllergoOncology: ultra-low IgE, a potential novel biomarker in cancerâ€™”a Position Paper of the European Academy of Allergy and Clinical Immunology (EAACI). <i>Clinical and Translational Allergy</i> , 2020, 10, 32.	3.2	40
36	Current perspective on eicosanoids in asthma and allergic diseases: EAACI Task Force consensus report, part I. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 114-130.	5.7	40

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37	Nitration of the Egg-Allergen Ovalbumin Enhances Protein Allergenicity but Reduces the Risk for Oral Sensitization in a Murine Model of Food Allergy. <i>PLoS ONE</i> , 2010, 5, e14210.	2.5	39
38	Country-wide medical records infer increased allergy risk of gastric acid inhibition. <i>Nature Communications</i> , 2019, 10, 3298.	12.8	38
39	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
40	Nutrient supplementation for prevention of viral respiratory tract infections in healthy subjects: A systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1373-1388.	5.7	37
41	The High Affinity IgE Receptor Fc ϵ RI Is Expressed by Human Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2010, 5, e9023.	2.5	35
42	Anaphylaxis to Russian Beluga caviar. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, 1034-1035.	2.9	34
43	Use of lectin-functionalized particles for oral immunotherapy. <i>Therapeutic Delivery</i> , 2012, 3, 277-290.	2.2	32
44	Heating Affects Structure, Enterocyte Adsorption and Signalling, As Well as Immunogenicity of the Peanut Allergen Ara h 2. <i>The Open Allergy Journal</i> , 2011, 4, 24-34.	0.5	31
45	The Impact of Dietary Sphingolipids on Intestinal Microbiota and Gastrointestinal Immune Homeostasis. <i>Frontiers in Immunology</i> , 2021, 12, 635704.	4.8	29
46	The Intestinal Barrier Dysfunction as Driving Factor of Inflammaging. <i>Nutrients</i> , 2022, 14, 949.	4.1	29
47	Characterization of intrinsic and extrinsic risk factors for celery allergy in immunosenescence. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 120-128.	4.6	28
48	Immunization with Mimotopes Prevents Growth of Carcinoembryonic Antigen-Positive Tumors in BALB/c Mice. <i>Clinical Cancer Research</i> , 2007, 13, 6501-6508.	7.0	26
49	COVID-19 pandemic and allergen immunotherapy—an EAACI survey. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3504-3516.	5.7	26
50	Practical handling of allergic reactions to COVID-19 vaccines. <i>Allergo Journal International</i> , 2021, 30, 79-95.	2.0	25
51	Sphingosine-kinase 1 and 2 contribute to oral sensitization and effector phase in a mouse model of food allergy. <i>Immunology Letters</i> , 2012, 141, 210-219.	2.5	23
52	Effect of a cocoa diet on the small intestine and gut-associated lymphoid tissue composition in an oral sensitization model in rats. <i>Journal of Nutritional Biochemistry</i> , 2017, 42, 182-193.	4.2	23
53	Food Allergy: Only a Pediatric Disease?. <i>Gerontology</i> , 2011, 57, 28-32.	2.8	22
54	Perspectives on immunomodulation early in life. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 210-223.	2.6	21

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55	Noninvasive and minimally invasive techniques for the diagnosis and management of allergic diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1010-1023.	5.7	21
56	Functional iron deficiency in women with allergic rhinitis is associated with symptoms after nasal provocation and lack of iron sequestering microbes. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2882-2886.	5.7	20
57	One Health: EAACI Position Paper on coronaviruses at the human-animal interface, with a specific focus on comparative and zoonotic aspects of SARS-CoV-2. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 55-71.	5.7	19
58	Acid suppression therapy and allergic reactions. Allergo Journal International, 2015, 24, 303-311.	2.0	17
59	AllergoOncology: Microbiota in allergy and cancer? A European Academy for Allergy and Clinical Immunology position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1037-1051.	5.7	17
60	Internal images: Human anti-idiotypic Fab antibodies mimic the IgE epitopes of grass pollen allergen Phl p 5a. Molecular Immunology, 2006, 43, 2180-2187.	2.2	16
61	Food safety: In vitro digestion tests are non-predictive for allergenic potential of food in stomach insufficiency. Immunology Letters, 2006, 102, 118-119.	2.5	16
62	Influence of microbiome and diet on immune responses in food allergy models. Drug Discovery Today: Disease Models, 2015, 17-18, 71-80.	1.2	16
63	Management of anaphylaxis due to COVID-19 vaccines in the elderly. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2952-2964.	5.7	16
64	Surgical Elimination of the Gastric Digestion by Roux-en-Y Gastric Bypass Impacts on Food Sensitisation? a Pilot Study. Obesity Surgery, 2015, 25, 2268-2275.	2.1	15
65	Cow's milk allergy prevention and treatment by heat-treated whey? A study in Brown Norway rats. Clinical and Experimental Allergy, 2020, 50, 708-721.	2.9	15
66	Eosinophils Accumulate in the Gastric Mucosa of Food-Allergic Mice. International Archives of Allergy and Immunology, 2004, 135, 1-2.	2.1	13
67	Allergic patients during the COVID-19 pandemic? Clinical practical considerations: An European Academy of Allergy and Clinical Immunology survey. Clinical and Translational Allergy, 2022, 12, e12097.	3.2	13
68	Biologicals in allergic diseases and asthma: Toward personalized medicine and precision health: Highlights of the 3rd EAACI Master Class on Biologicals, San Lorenzo de El Escorial, Madrid, 2019. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 936-940.	5.7	12
69	Nitrated food proteins induce a regulatory immune response associated with allergy prevention after oral exposure in a Balb/c mouse food allergy model. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 412-422.	5.7	12
70	The clinical implications of the microbiome in the development of allergy diseases. Expert Review of Clinical Immunology, 2021, 17, 115-126.	3.0	12
71	COVID-19 vaccination in patients receiving allergen immunotherapy (AIT) or biologicals? EAACI recommendations. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2313-2336.	5.7	12
72	Nitration of β -Lactoglobulin but Not of Ovomuroid Enhances Anaphylactic Responses in Food Allergic Mice. PLoS ONE, 2015, 10, e0126279.	2.5	11

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73	Real-life evaluation of molecular multiplex IgE test methods in the diagnosis of pollen associated food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3028-3040.	5.7	11
74	Characterization of <i>Vibrio cholerae</i> neuraminidase as an immunomodulator for novel formulation of oral allergy immunotherapy. <i>Clinical Immunology</i> , 2018, 192, 30-39.	3.2	9
75	Mouse Chow Composition Influences Immune Responses and Food Allergy Development in a Mouse Model. <i>Nutrients</i> , 2018, 10, 1775.	4.1	9
76	Dangerous liaisons: Bacteria, antimicrobial therapies, and allergic diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3276-3291.	5.7	9
77	Effects of non-steroidal anti-inflammatory drugs and other eicosanoid pathway modifiers on antiviral and allergic responses: EAACI task force on eicosanoids consensus report in times of COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2337-2354.	5.7	9
78	Plasma Levels of the Bioactive Sphingolipid Metabolite S1P in Adult Cystic Fibrosis Patients: Potential Target for Immunonutrition?. <i>Nutrients</i> , 2020, 12, 765.	4.1	8
79	Gastric Enzyme Supplementation Inhibits Food Allergy in a BALB/c Mouse Model. <i>Nutrients</i> , 2021, 13, 738.	4.1	8
80	Quinoa (<i>Chenopodium quinoa</i> Willd.) Seeds Increase Intestinal Protein Uptake. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100102.	3.3	7
81	Immunologically relevant aspects of the new COVID-19 vaccines – an EAACI (Austrian Society for) Tj ETQq1 1 0.784314 rgBT /Over Allergo Journal International, 2021, 30, 155-168.	2.0	6
82	Insights in Immuno-Nutrition: Vitamin D as a Potent Immunomodulator. <i>Nutrients</i> , 2020, 12, 3554.	4.1	5
83	Linking cross-reactivity clusters of food and respiratory allergens in PAMD@ to asthma and duration of allergy. <i>World Allergy Organization Journal</i> , 2020, 13, 100483.	3.5	5
84	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
85	Evaluation of Immune Dysregulation in an Austrian Patient Cohort Suffering from Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. <i>Biomolecules</i> , 2021, 11, 1359.	4.0	5
86	AllergoOncology: Danger signals in allergology and oncology: EAACI European Academy of Allergy and Clinical Immunology (EAACI) Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2594-2617.	5.7	5
87	Exercise with latex sport bands represents a risk for latex allergic patients. <i>Immunology Letters</i> , 2008, 115, 98-104.	2.5	4
88	The influence of gastric digestion on the development of food allergy. <i>Revue Francaise D'allergologie</i> , 2015, 55, 444-447.	0.2	4
89	Immune Effects of the Nitrated Food Allergen Beta-Lactoglobulin in an Experimental Food Allergy Model. <i>Nutrients</i> , 2019, 11, 2463.	4.1	4
90	HDHL-INTIMIC: A European Knowledge Platform on Food, Diet, Intestinal Microbiomics, and Human Health. <i>Nutrients</i> , 2022, 14, 1881.	4.1	4

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91	Acid suppression therapy and allergic reactions. <i>Allergo Journal</i> , 2015, 24, 25-33.	0.1	2
92	Time matters: The circadian rhythm in intestinal homeostasis and food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2931-2933.	5.7	1
93	Food Allergen Nitration Enhances Safety and Efficacy of Oral Immunotherapy in Food Allergy. <i>Nutrients</i> , 2022, 14, 1373.	4.1	1
94	The Gut Microbiome and Its Marriage to the Immune System: Can We Change It All?. <i>Birkhauser Advances in Infectious Diseases</i> , 2017, , 191-208.	0.3	0
95	Reply to "Acid inhibitors and allergy: comorbidity, causation and confusion". <i>Nature Communications</i> , 2020, 11, 3949.	12.8	0
96	DMTMM-mediated methylamidation for MALDI mass spectrometry analysis of N-glycans with structurally conserved sialic acid residues in biological fluids "via direttissima". <i>Talanta</i> , 2022, 242, 123326.	5.5	0