

# Cecilia Berin

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6727023/cecilia-berin-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120  
papers

5,754  
citations

46  
h-index

74  
g-index

139  
ext. papers

6,779  
ext. citations

6.6  
avg, IF

6.11  
L-index

#	Paper	IF	Citations
120	Update on Food Protein-Induced Enterocolitis Syndrome (FPIES).. <i>Current Allergy and Asthma Reports</i> , <b>2022</b> , 1	5.6	1
119	Mass Cytometry Analysis of Whole Blood Response to an Allergen. <i>Methods in Molecular Biology</i> , <b>2022</b> , 269-280	1.4	
118	Applications of Mouse Models to the Study of Food Allergy. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2223, 1-17	1.4	0
117	Allergen-specific T cells and clinical features of food allergy: Lessons from CoFAR immunotherapy cohorts. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> ,	11.5	4
116	Advances in understanding immune mechanisms of food protein-induced enterocolitis syndrome. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2021</b> , 126, 478-481	3.2	7
115	Is the plasticity of the Th17 subset a key source of allergenic Th2 responses?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 3238-3240	9.3	0
114	Role of innate immunity and myeloid cells in susceptibility to allergic disease. <i>Annals of the New York Academy of Sciences</i> , <b>2021</b> , 1499, 42-53	6.5	0
113	Pathogenesis of IgE-mediated food allergy and implications for future immunotherapeutics. <i>Pediatric Allergy and Immunology</i> , <b>2021</b> , 32, 1416-1425	4.2	3
112	Flow cytometric identification of T13 cells in mouse and human. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 470-483	11.5	6
111	Epicutaneous immunotherapy for treatment of peanut allergy: Follow-up from the Consortium for Food Allergy Research. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 992-1003.e5	11.5	7
110	Dysbiosis in food allergy and implications for microbial therapeutics. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	3
109	Treatment of Intestinal Inflammation With Epicutaneous Immunotherapy Requires TGF- $\beta$ and IL-10 but Not Foxp3 Tregs. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 637630	8.4	2
108	The COMPARE Database: A Public Resource for Allergen Identification, Adapted for Continuous Improvement.. <i>Frontiers in Allergy</i> , <b>2021</b> , 2, 700533	0	3
107	Differential effects of the second SARS-CoV-2 mRNA vaccine dose on T $\beta$ cell immunity in naive and COVID-19 recovered individuals. <i>Cell Reports</i> , <b>2021</b> , 36, 109570	10.6	29
106	Acute FPIES reactions are associated with an IL-17 inflammatory signature. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 148, 895-901.e6	11.5	5
105	Pathophysiology of Non-IgE-Mediated Food Allergy.. <i>ImmunoTargets and Therapy</i> , <b>2021</b> , 10, 431-446	9	4
104	Demonstration of distinct pathways of mast cell-dependent inhibition of Treg generation using murine bone marrow-derived mast cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 2088-2091	9.3	0

103	Food Protein-Induced Enterocolitis Syndrome. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2020</b> , 8, 24-35	5.4	40
102	Legends of allergy and immunology: Hugh A. Sampson. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 1519-1521	9.3	
101	Data-driven discovery of mid-pregnancy immune markers associated with maternal lifetime stress: results from an urban pre-birth cohort. <i>Stress</i> , <b>2020</b> , 23, 349-358	3	1
100	Induction of sustained unresponsiveness after egg oral immunotherapy compared to baked egg therapy in children with egg allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 146, 851-862.e10	11.5	18
99	Association between prenatal immune phenotyping and cord blood leukocyte telomere length in the PRISM pregnancy cohort. <i>Environmental Research</i> , <b>2020</b> , 191, 110113	7.9	3
98	Emerging Food Allergy Biomarkers. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2020</b> , 8, 2516-2524	3.5	10
97	Mechanisms that define transient versus persistent food allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 453-457	11.5	11
96	The Consortium for Food Allergy Research (CoFAR): The first generation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 486-493	11.5	12
95	Identification of a T follicular helper cell subset that drives anaphylactic IgE. <i>Science</i> , <b>2019</b> , 365,	33.3	159
94	Immune Basis of Food Protein-Induced Enterocolitis Syndrome <b>2019</b> , 25-30		1
93	Food allergy and the microbiome: Current understandings and future directions. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 1468-1477	11.5	54
92	Mechanisms of Oral Tolerance. <i>Clinical Reviews in Allergy and Immunology</i> , <b>2018</b> , 55, 107-117	12.3	90
91	Single-cell profiling of peanut-responsive T cells in patients with peanut allergy reveals heterogeneous effector T2 subsets. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 2107-2120	11.5	57
90	Egg-specific IgE and basophil activation but not egg-specific T-cell counts correlate with phenotypes of clinical egg allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 149-158.e8	11.5	31
89	Mast cell heterogeneity underlies different manifestations of food allergy in mice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190453	3.7	20
88	PDL2 CD11b dermal dendritic cells capture topical antigen through hair follicles to prime LAP Tregs. <i>Nature Communications</i> , <b>2018</b> , 9, 5238	17.4	34
87	Immune Characterization of Bone Marrow-Derived Models of Mucosal and Connective Tissue Mast Cells. <i>Allergy, Asthma and Immunology Research</i> , <b>2018</b> , 10, 268-277	5.3	4
86	Secreted IgD Amplifies Humoral T Helper 2 Cell Responses by Binding Basophils via Galectin-9 and CD44. <i>Immunity</i> , <b>2018</b> , 49, 709-724.e8	32.3	39

85	Epicutaneous immunotherapy induces gastrointestinal LAP regulatory T cells and prevents food-induced anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 189-201.e4	11.5	94
84	International consensus guidelines for the diagnosis and management of food protein-induced enterocolitis syndrome: Executive summary-Workgroup Report of the Adverse Reactions to Foods Committee, American Academy of Allergy, Asthma & Immunology. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1111-1126.e4	11.5	295
83	Systemic innate immune activation in food protein-induced enterocolitis syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1885-1896.e9	11.5	65
82	Breast milk IgA to foods has different epitope specificity than serum IgA-Evidence for entero-mammary link for food-specific IgA?. <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 1275-1284	4.1	15
81	Mechanisms underlying induction of allergic sensitization by Pru p 3. <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 1398-1408	4.1	25
80	Impact of granulocyte contamination on PBMC integrity of shipped blood samples: Implications for multi-center studies monitoring regulatory T cells. <i>Journal of Immunological Methods</i> , <b>2017</b> , 449, 23-27	2.5	5
79	Epicutaneous Tolerance Induction to a Bystander Antigen Abrogates Colitis and Ileitis in Mice. <i>Inflammatory Bowel Diseases</i> , <b>2017</b> , 23, 1972-1982	4.5	9
78	Immunology of Food Allergy. <i>Immunity</i> , <b>2017</b> , 47, 32-50	32.3	145
77	Epicutaneous immunotherapy for the treatment of peanut allergy in children and young adults. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1242-1252.e9	11.5	197
76	Humoral and cellular responses to casein in patients with food protein-induced enterocolitis to cow's milk. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 572-583	11.5	56
75	Microbiome and food allergy. <i>Translational Research</i> , <b>2017</b> , 179, 199-203	11	51
74	Mucosal Immunology: An Overview <b>2016</b> , 365-370.e2		1
73	Mass cytometry profiling the response of basophils and the complete peripheral blood compartment to peanut. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 1741-1744.e9	11.5	17
72	Heparin reduces nonspecific eosinophil staining artifacts in mass cytometry experiments. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2016</b> , 89, 601-7	4.6	47
71	Triclosan promotes epicutaneous sensitization to peanut in mice. <i>Clinical and Translational Allergy</i> , <b>2016</b> , 6, 13	5.2	11
70	O-014 Treatment of Colitis by Epicutaneous Immunotherapy in a Murine Model. <i>Inflammatory Bowel Diseases</i> , <b>2016</b> , 22, S5	4.5	
69	Immunotherapy using algal-produced Ara h 1 core domain suppresses peanut allergy in mice. <i>Plant Biotechnology Journal</i> , <b>2016</b> , 14, 1541-50	11.6	16
68	Mechanisms Underlying Induction of Tolerance to Foods. <i>Immunology and Allergy Clinics of North America</i> , <b>2016</b> , 36, 87-102	3.3	42

67	Transcriptional Profiling of Egg Allergy and Relationship to Disease Phenotype. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163831	23
66	The rise of food allergy: Environmental factors and emerging treatments. <i>EBioMedicine</i> , <b>2016</b> , 7, 27-34	8.8 41
65	Long-term treatment with egg oral immunotherapy enhances sustained unresponsiveness that persists after cessation of therapy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 1117-1127.e10	11.5 121
64	An Examination of Clinical and Immunologic Outcomes in Food Allergen Immunotherapy by Route of Administration. <i>Current Allergy and Asthma Reports</i> , <b>2015</b> , 15, 35	5.6 11
63	Immune factors in breast milk related to infant milk allergy are independent of maternal atopy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 1390-3.e1-6	11.5 25
62	Immunopathophysiology of food protein-induced enterocolitis syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 1108-13	11.5 49
61	IgE-Mediated Food Allergy <b>2015</b> , 1649-1660	
60	Pathogenesis of IgE-mediated food allergy. <i>Clinical and Experimental Allergy</i> , <b>2015</b> , 45, 1483-96	4.1 32
59	Role of Maternal Dietary Peanut Exposure in Development of Food Allergy and Oral Tolerance. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143855	3.7 19
58	TNF-dependent development of lymphoid tissue in the absence of ROR $\gamma$ <sup>+</sup> lymphoid tissue inducer cells. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 602-14	9.2 48
57	Mouse and human Notch-1 regulate mucosal immune responses. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 995-1005	9.2 23
56	Future Therapies for IgE-Mediated Food Allergy. <i>Current Pediatrics Reports</i> , <b>2014</b> , 2, 119-126	0.7 12
55	Immunological Tolerance <b>2014</b> , 100-109	
54	Skin exposure promotes a Th2-dependent sensitization to peanut allergens. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 4965-75	15.9 141
53	Experimental Approaches to the Study of Food Allergy <b>2014</b> , 547-555	1
52	Role of maternal elimination diets and human milk IgA in the development of cow's milk allergy in the infants. <i>Clinical and Experimental Allergy</i> , <b>2014</b> , 44, 69-78	4.1 55
51	Gastrointestinal Mucosal Immunology <b>2014</b> , 1084-1094	
50	Mucus enhances gut homeostasis and oral tolerance by delivering immunoregulatory signals. <i>Science</i> , <b>2013</b> , 342, 447-53	33.3 400

49	Mucosal immunology of food allergy. <i>Current Biology</i> , <b>2013</b> , 23, R389-400	6.3	89
48	Transforming growth factor $\beta$ signaling controls activities of human intestinal CD8(+)T suppressor cells. <i>Gastroenterology</i> , <b>2013</b> , 144, 601-612.e1	13.3	13
47	Food allergy: an enigmatic epidemic. <i>Trends in Immunology</i> , <b>2013</b> , 34, 390-7	14.4	72
46	Can we produce true tolerance in patients with food allergy?. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 131, 14-22	11.5	63
45	Reduced severity of peanut-induced anaphylaxis in TLR9-deficient mice is associated with selective defects in humoral immunity. <i>Mucosal Immunology</i> , <b>2013</b> , 6, 114-21	9.2	14
44	In vivo methods for testing allergenicity show that high hydrostatic pressure hydrolysates of $\beta$ -lactoglobulin are immunologically inert. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 541-8	4	46
43	Mechanisms of allergic sensitization to foods: bypassing immune tolerance pathways. <i>Immunology and Allergy Clinics of North America</i> , <b>2012</b> , 32, 1-10	3.3	12
42	Mucosal antibodies in the regulation of tolerance and allergy to foods. <i>Seminars in Immunopathology</i> , <b>2012</b> , 34, 633-42	12	30
41	Oral immunotherapy induces local protective mechanisms in the gastrointestinal mucosa. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 129, 1579-1587.e1	11.5	85
40	Mucosal immunology of tolerance and allergy in the gastrointestinal tract. <i>Immunologic Research</i> , <b>2012</b> , 54, 75-82	4.3	35
39	Notch-1 signaling regulates intestinal epithelial barrier function, through interaction with CD4+ T cells, in mice and humans. <i>Gastroenterology</i> , <b>2011</b> , 140, 550-9	13.3	53
38	Mechanisms underlying differential food allergy response to heated egg. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 127, 990-7.e1-2	11.5	111
37	Allergic sensitization can be induced via multiple physiologic routes in an adjuvant-dependent manner. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 128, 1251-1258.e2	11.5	65
36	Physiological contribution of CD44 as a ligand for E-Selectin during inflammatory T-cell recruitment. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 2437-46	5.8	36
35	Food allergy: mechanisms and therapeutics. <i>Current Opinion in Immunology</i> , <b>2011</b> , 23, 794-800	7.8	28
34	Mucosal Immunology <b>2010</b> , 471-476		0
33	Dendritic cell (DC)-specific targeting reveals Stat3 as a negative regulator of DC function. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2638-45	5.3	155
32	Targeting Toll-like receptors on dendritic cells modifies the T(H)2 response to peanut allergens in vitro. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 126, 92-7.e5	11.5	44

31	A functional role for CCR6 on proallergic T cells in the gastrointestinal tract. <i>Gastroenterology</i> , <b>2010</b> , 138, 275-84.e1-4	13.3	28
30	Thymic stromal lymphopoietin is required for gastrointestinal allergy but not oral tolerance. <i>Gastroenterology</i> , <b>2010</b> , 139, 1301-9	13.3	56
29	Immunophysiology of experimental food allergy. <i>Mucosal Immunology</i> , <b>2009</b> , 2, 24-32	9.2	71
28	Pasteurization of milk proteins promotes allergic sensitization by enhancing uptake through Peyer's patches. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 63, 882-90	9.3	158
27	Toll-like receptor signaling in small intestinal epithelium promotes B-cell recruitment and IgA production in lamina propria. <i>Gastroenterology</i> , <b>2008</b> , 135, 529-38	13.3	157
26	T(H)2 adjuvants: implications for food allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 121, 1311-20; quiz 1321-2	11.5	62
25	Gastrointestinal dendritic cells promote Th2 skewing via OX40L. <i>Journal of Immunology</i> , <b>2008</b> , 180, 4441-50	11.5	110
24	Pathophysiology of food-induced anaphylaxis. <i>Current Allergy and Asthma Reports</i> , <b>2008</b> , 8, 201-8	5.6	30
23	Allergen-IgE complexes trigger CD23-dependent CCL20 release from human intestinal epithelial cells. <i>Gastroenterology</i> , <b>2007</b> , 133, 1905-15	13.3	38
22	CD4 T cells activated in the mesenteric lymph node mediate gastrointestinal food allergy in mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 293, G1234-43	5.1	55
21	Transcytosis of IgE-antigen complexes by CD23a in human intestinal epithelial cells and its role in food allergy. <i>Gastroenterology</i> , <b>2006</b> , 131, 47-58	13.3	76
20	Role of TLR4 in allergic sensitization to food proteins in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 61, 64-71	9.3	70
19	Antibody-mediated antigen sampling across intestinal epithelial barriers. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1072, 253-61	6.5	9
18	Food Allergy: Immunophysiology <b>2005</b> , 1335-1349		
17	Role of EHEC O157:H7 virulence factors in the activation of intestinal epithelial cell NF-kappaB and MAP kinase pathways and the upregulated expression of interleukin 8. <i>Cellular Microbiology</i> , <b>2002</b> , 4, 635-48	3.9	133
16	Factors regulating the effect of IL-4 on intestinal epithelial barrier function. <i>International Archives of Allergy and Immunology</i> , <b>2002</b> , 129, 219-27	3.7	34
15	The Role of TARC in the Pathogenesis of Allergic Asthma. <i>Drug News and Perspectives</i> , <b>2002</b> , 15, 10-16		19
14	Regulated production of the T helper 2-type T-cell chemoattractant TARC by human bronchial epithelial cells in vitro and in human lung xenografts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2001</b> , 24, 382-9	5.7	108

13	Enhanced transepithelial antigen transport in intestine of allergic mice is mediated by IgE/CD23 and regulated by interleukin-4. <i>Gastroenterology</i> , <b>2001</b> , 121, 370-81	13.3	89
12	Mucosal pathophysiology and inflammatory changes in the late phase of the intestinal allergic reaction in the rat. <i>American Journal of Pathology</i> , <b>2001</b> , 158, 681-90	5.8	62
11	Production of MDC/CCL22 by human intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2001</b> , 280, G1217-26	5.1	49
10	Enhanced intestinal transepithelial antigen transport in allergic rats is mediated by IgE and CD23 (FcepsilonRII). <i>Journal of Clinical Investigation</i> , <b>2000</b> , 106, 879-86	15.9	106
9	Role for IL-4 in macromolecular transport across human intestinal epithelium. <i>American Journal of Physiology - Cell Physiology</i> , <b>1999</b> , 276, C1046-52	5.4	91
8	Pertussis adjuvant prolongs intestinal hypersensitivity. <i>International Archives of Allergy and Immunology</i> , <b>1999</b> , 119, 205-11	3.7	10
7	Immune-epithelial interactions in host defense. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1999</b> , 60, 16-25	3.2	29
6	Stress stimulates transepithelial macromolecular uptake in rat jejunum. <i>American Journal of Physiology - Renal Physiology</i> , <b>1998</b> , 275, G1037-44	5.1	94
5	Rapid transepithelial antigen transport in rat jejunum: impact of sensitization and the hypersensitivity reaction. <i>Gastroenterology</i> , <b>1997</b> , 113, 856-64	13.3	133
4	Effect of psychoneural factors on intestinal epithelial function. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , <b>1997</b> , 11, 353-7		7
3	Effects of neuropeptide Y and substance P on antigen-induced ion secretion in rat jejunum. <i>American Journal of Physiology - Renal Physiology</i> , <b>1996</b> , 271, G987-92	5.1	6
2	Phorbol myristate acetate ex vivo model of enhanced colonic epithelial permeability. Reactive oxygen metabolite and protease independence. <i>Digestive Diseases and Sciences</i> , <b>1995</b> , 40, 2268-79	4	9
1	Neutrophil-independence of the initiation of colonic injury. Comparison of results from three models of experimental colitis in the rat. <i>Digestive Diseases and Sciences</i> , <b>1994</b> , 39, 2575-88	4	75