

Rudolf Valenta

List of Publications by Year in Descending Order

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

529
papers

28,753
citations

90
h-index

138
g-index

551
ext. papers

31,892
ext. citations

5.6
avg, IF

6.72
L-index

#	Paper	IF	Citations
529	Omicron: A SARS-CoV-2 variant of real concern.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022 ,	9.3	5
528	Characterization of the antibody response to SARS-CoV-2 in a mildly affected pediatric population.. <i>Pediatric Allergy and Immunology</i> , 2022 , 33, e13737	4.2	2
527	Vaccine based on folded RBD-PreS fusion protein with potential to induce sterilizing immunity to SARS-CoV-2 variants.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022 ,	9.3	4
526	Response to González-Pérez et al.. <i>Journal of Investigative Dermatology</i> , 2022 , 142, 723-726	4.3	0
525	Enhanced SARS-CoV-2 breakthrough infections in patients with hematologic and solid cancers due to Omicron.. <i>Cancer Cell</i> , 2022 ,	24.3	5
524	Preventive Administration of Non-Allergenic Bet v 1 Peptides Reduces Allergic Sensitization to Major Birch Pollen Allergen, Bet v 1. <i>Frontiers in Immunology</i> , 2021 , 12, 744544	8.4	0
523	Specific T cells targeting Staphylococcus aureus fibronectin-binding protein 1 induce a type 2/type 1 inflammatory response in sensitized atopic dermatitis patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	5
522	Novel vaccines for allergen-specific immunotherapy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2021 , 21, 86-99	3.3	6
521	Are the Terms Major and Minor Allergens Useful for Precision Allergology?. <i>Frontiers in Immunology</i> , 2021 , 12, 651500	8.4	17
520	SARS-CoV-2 mutations in MHC-I-restricted epitopes evade CD8 T cell responses. <i>Science Immunology</i> , 2021 , 6,	28	58
519	Comparison of house dust mite sensitization profiles in allergic adults from Canada, Europe, South Africa and USA. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2177-2188	9.3	5
518	Associations between specific IgE sensitization to 26 respiratory allergen molecules and HLA class II alleles in the EGEA cohort. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2575-2586	9.3	0
517	Silencing of SARS-CoV-2 with modified siRNA-peptide dendrimer formulation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2840-2854	9.3	23
516	The role of allergen-specific IgE, IgG and IgA in allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 3627-3641	9.3	25
515	IgE Epitopes of the House Dust Mite Allergen Der p 7 Are Mainly Discontinuous and Conformational. <i>Frontiers in Immunology</i> , 2021 , 12, 687294	8.4	3
514	Trajectories of IgE sensitization to allergen molecules from childhood to adulthood and respiratory health in the EGEA cohort. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	3
513	Review: The Nose as a Route for Therapy. Part 2 Immunotherapy.. <i>Frontiers in Allergy</i> , 2021 , 2, 668781	0	1

512	Past, present, and future of allergen immunotherapy vaccines. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 131-149	9.3	32
511	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 168-190	9.3	21
510	Antibodies in serum of convalescent patients following mild COVID-19 do not always prevent virus-receptor binding. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 878-883	9.3	28
509	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	9.3	4
508	Improving the diagnostic utility of lip dose challenges to diagnose tree nut allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 534-536.e2	5.4	3
507	Glycosylation enhances allergenic activity of major bee venom allergen Api m 1 by adding IgE epitopes. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 1502-1504.e5	11.5	5
506	Molecular IgE sensitization profiles of urban and rural children in South Africa. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 234-241	4.2	4
505	Immunological imprint of COVID-19 on human peripheral blood leukocyte populations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 751-765	9.3	24
504	IgE-reactivity profiles to allergen molecules in Russian children with and without symptoms of allergy revealed by micro-array analysis. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 251-263	4.2	5
503	Air pollution and IgE sensitization in 4 European birth cohorts-the MeDALL project. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 713-722	11.5	9
502	Milk-Specific IgE Reactivity Without Symptoms in Albumin-Sensitized Cat Allergic Patients. <i>Allergy, Asthma and Immunology Research</i> , 2021 , 13, 668-670	5.3	1
501	Dissociation of the respiratory syncytial virus F protein-specific human IgG, IgA and IgM response. <i>Scientific Reports</i> , 2021 , 11, 3551	4.9	1
500	The Molecular Allergen Recognition Profile in China as Basis for Allergen-Specific Immunotherapy. <i>Frontiers in Immunology</i> , 2021 , 12, 719573	8.4	1
499	Natural History of IgE-Mediated Fish Allergy in Children. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 3147-3156.e5	5.4	5
498	IgE recognition of the house dust mite allergen Der p 37 is associated with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	2
497	Multiprofessional perinatal care in a pregnant patient with acute respiratory distress syndrome due to COVID-19. <i>BMC Pregnancy and Childbirth</i> , 2021 , 21, 587	3.2	1
496	Neutralization of SARS-CoV-2 requires antibodies against conformational receptor-binding domain epitopes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	14
495	From Allergen Molecules to Molecular Immunotherapy of Nut Allergy: A Hard Nut to Crack. <i>Frontiers in Immunology</i> , 2021 , 12, 742732	8.4	7

494	Expression in and Purification of Folded rDer p 20, the Arginine Kinase From : A Possible Biomarker for Allergic Asthma. <i>Allergy, Asthma and Immunology Research</i> , 2021 , 13, 154-163	5.3	4
493	Tracing Human IgE B Cell Antigen Receptor-Bearing Cells With a Monoclonal Anti-Human IgE Antibody That Specifically Recognizes Non-Receptor-Bound IgE.. <i>Frontiers in Immunology</i> , 2021 , 12, 803236	8.4	8
492	Methods to Detect MHC-Specific IgE in Mice and Men. <i>Frontiers in Immunology</i> , 2020 , 11, 586856	8.4	3
491	The allergenic activity and clinical impact of individual IgE-antibody binding molecules from indoor allergen sources. <i>World Allergy Organization Journal</i> , 2020 , 13, 100118	5.2	18
490	A WAO - ARIA - GALEN consensus document on molecular-based allergy diagnosis (PAMD@): Update 2020. <i>World Allergy Organization Journal</i> , 2020 , 13, 100091	5.2	47
489	Microarray-Based Detection of Allergen-Reactive IgE in Patients with Mastocytosis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 2761-2768.e16	5.4	5
488	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	9.3	2
487	IgE allergy diagnostics and other relevant tests in allergy, a World Allergy Organization position paper. <i>World Allergy Organization Journal</i> , 2020 , 13, 100080	5.2	100
486	ELISA-Based Assay for Studying Major and Minor Group Rhinovirus-Receptor Interactions. <i>Vaccines</i> , 2020 , 8,	5.3	2
485	Preventive Allergen-Specific Vaccination Against Allergy: Mission Possible?. <i>Frontiers in Immunology</i> , 2020 , 11, 1368	8.4	10
484	Toward personalization of asthma treatment according to trigger factors. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1529-1534	11.5	20
483	Sensitization to grass pollen allergen molecules in a birth cohort-natural Phl p 4 as an early indicator of grass pollen allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1174-1181.e6	11.5	11
482	Molecular characterization of a fungal cyclophilin allergen Rhi o 2 and elucidation of antigenic determinants responsible for IgE-cross-reactivity. <i>Journal of Biological Chemistry</i> , 2020 , 295, 2736-2748	5.4	4
481	Fluorescent labeling of major honeybee allergens Api m 1 and Api m 2 with quantum dots and the development of a multiplex basophil activation test. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 1753-1756	9.3	4
480	Primary Nasal Epithelial Cells From Allergic and Non-allergic Individuals Show Comparable Barrier Function. <i>Allergy, Asthma and Immunology Research</i> , 2020 , 12, 364-370	5.3	
479	Allergen-specific IgE levels and the ability of IgE-allergen complexes to cross-link determine the extent of CD23-mediated T-cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 958-967.e5	11.5	5
478	Features of the Human Antibody Response against the Respiratory Syncytial Virus Surface Glycoprotein G. <i>Vaccines</i> , 2020 , 8,	5.3	2
477	Variation in IgE binding potencies of seven Artemisia species depending on content of major allergens. <i>Clinical and Translational Allergy</i> , 2020 , 10, 50	5.2	4

476	Quantification, epitope mapping and genotype cross-reactivity of hepatitis B preS-specific antibodies in subjects vaccinated with different dosage regimens of BM32. <i>EBioMedicine</i> , 2020 , 59, 102953	8.8	6
475	Resistance of parvalbumin to gastrointestinal digestion is required for profound and long-lasting prophylactic oral tolerance. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 326-335	9.3	10
474	Allergen immunotherapy with the hypoallergenic B-cell epitope-based vaccine BM32 modifies IL-10- and IL-5-secreting T cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 450-453	9.3	13
473	M1-like macrophages are potent producers of anti-viral interferons and M1-associated marker-positive lung macrophages are decreased during rhinovirus-induced asthma exacerbations. <i>EBioMedicine</i> , 2020 , 54, 102734	8.8	22
472	Highly sensitive ELISA-based assay for quantification of allergen-specific IgE antibody levels. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2668-2670	9.3	5
471	Molecular profiling of allergen-specific antibody responses may enhance success of specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1097-1108	11.5	20
470	Microarray-Based Allergy Diagnosis: Quo Vadis?. <i>Frontiers in Immunology</i> , 2020 , 11, 594978	8.4	5
469	Tracing IgE-Producing Cells in Allergic Patients. <i>Cells</i> , 2019 , 8,	7.9	13
468	Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. <i>Clinical and Translational Allergy</i> , 2019 , 9, 44	5.2	53
467	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1455-1456	11.5	
466	Vaccination of nonallergic individuals with recombinant hypoallergenic fragments of birch pollen allergen Bet v 1: Safety, effects, and mechanisms. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1258-1261	11.5	20
465	A hypoallergenic peptide mix containing T cell epitopes of the clinically relevant house dust mite allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2461-2478	9.3	16
464	Bet v 1-specific IgE levels and PR-10 reactivity discriminate silent sensitization from phenotypes of birch allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2525-2528	9.3	16
463	Epitope mapping of antibodies induced with a conserved rhinovirus protein generating protective anti-rhinovirus immunity. <i>Vaccine</i> , 2019 , 37, 2805-2813	4.1	4
462	Maternal allergen-specific IgG might protect the child against allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 536-548	11.5	24
461	Fusion proteins consisting of Bet v 1 and Phl p 5 form IgE-reactive aggregates with reduced allergenic activity. <i>Scientific Reports</i> , 2019 , 9, 4006	4.9	9
460	Der p 23: Clinical Relevance of Molecular Monosensitization in House Dust Mite Allergy. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2019 , 29, 314-316	2.3	9
459	Clinical and immunological differences between asymptomatic HDM-sensitized and HDM-allergic rhinitis patients. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 808-818	4.1	15

458	Prevention of allergy by virus-like nanoparticles (VNP) delivering shielded versions of major allergens in a humanized murine allergy model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 246-260	9.3	24
457	Allograft rejection is associated with development of functional IgE specific for donor MHC antigens. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 335-345.e12	11.5	8
456	Molecular allergy diagnosis: A potential tool for the assessment of severity of grass pollen-induced rhinitis in children. <i>Pediatric Allergy and Immunology</i> , 2019 , 30, 852-855	4.2	4
455	Early prevention instead of mending late damage in allergy?. <i>EBioMedicine</i> , 2019 , 45, 17-18	8.8	4
454	Molecular Approaches for Diagnosis, Therapy and Prevention of Cow's Milk Allergy. <i>Nutrients</i> , 2019 , 11,	6.7	17
453	Expression and characterization of recombinant Par j 1 and Par j 2 resembling the allergenic epitopes of Parietaria judaica pollen. <i>Scientific Reports</i> , 2019 , 9, 15043	4.9	2
452	Two years of treatment with the recombinant grass pollen allergy vaccine BM32 induces a continuously increasing allergen-specific IgG response. <i>EBioMedicine</i> , 2019 , 50, 421-432	8.8	14
451	Recombinant allergens for immunotherapy: state of the art. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2019 , 19, 402-414	3.3	32
450	Association between asthma, rhinitis, and conjunctivitis multimorbidities with molecular IgE sensitization in adults. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 824-827	9.3	23
449	Recombinant glycoproteins resembling carbohydrate-specific IgE epitopes from plants, venoms and mites. <i>EBioMedicine</i> , 2019 , 39, 33-43	8.8	10
448	Selection of house dust mite-allergic patients by molecular diagnosis may enhance success of specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1248-1252.e12	11.5	33
447	Determination of IgE and IgG reactivity to more than 170 allergen molecules in paper-dried blood spots. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 437-440	11.5	11
446	Detection of genuine grass pollen sensitization in children by skin testing with a recombinant grass pollen hybrid. <i>Pediatric Allergy and Immunology</i> , 2019 , 30, 59-65	4.2	7
445	Three-dimensional structure of the wheat β -amylase Tri a 17, a clinically relevant food allergen. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1009-1013	9.3	9
444	Allergen-Specific Antibodies Regulate Secondary Allergen-Specific Immune Responses. <i>Frontiers in Immunology</i> , 2018 , 9, 3131	8.4	23
443	Genetic restriction of antigen-presentation dictates allergic sensitization and disease in humanized mice. <i>EBioMedicine</i> , 2018 , 31, 66-78	8.8	20
442	Similar localization of conformational IgE epitopes on the house dust mite allergens Der p 5 and Der p 21 despite limited IgE cross-reactivity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1653-1661	9.3	15
441	Reduced CDHR3 expression in children wheezing with rhinovirus. <i>Pediatric Allergy and Immunology</i> , 2018 , 29, 200-206	4.2	14

440	Safety and efficacy of immunotherapy with the recombinant B-cell epitope-based grass pollen vaccine BM32. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 497-509.e9	11.5	60
439	Molecular allergen profiling in horses by microarray reveals Fag e 2 from buckwheat as a frequent sensitizer. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1436-1446	9.3	8
438	Isolation of a high-affinity Bet v 1-specific IgG-derived ScFv from a subject vaccinated with hypoallergenic Bet v 1 fragments. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1425-1435	9.3	11
437	The asthma-rhinitis multimorbidity is associated with IgE polysensitization in adolescents and adults. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1447-1458	9.3	42
436	Protein Biomarkers in Asthma. <i>International Archives of Allergy and Immunology</i> , 2018 , 175, 189-208	3.7	11
435	House dust mites as potential carriers for IgE sensitization to bacterial antigens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 115-124	9.3	32
434	sIgE and sIgG to airborne atopic allergens: Coupled rather than inversely related responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 2239-2242	9.3	8
433	Rhinovirus Species-Specific Antibodies Differentially Reflect Clinical Outcomes in Health and Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1490-1499	10.2	22
432	Molecular Aspects of Allergens and Allergy. <i>Advances in Immunology</i> , 2018 , 138, 195-256	5.6	57
431	Grass-Allergic Children Frequently Show Asymptomatic Low-Level IgE Co-Sensitization and Cross-Reactivity to Wheat. <i>International Archives of Allergy and Immunology</i> , 2018 , 177, 135-144	3.7	10
430	Next-Generation of Allergen-Specific Immunotherapies: Molecular Approaches. <i>Current Allergy and Asthma Reports</i> , 2018 , 18, 39	5.6	33
429	Intranasal administration of allergen increases specific IgE whereas intranasal omalizumab does not increase serum IgE levels-A pilot study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1003-1012	9.3	13
428	Underestimation of house dust mite-specific IgE with extract-based ImmunoCAPs compared with molecular ImmunoCAPs. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1656-1659.e9	11.5	25
427	Allergen Extracts for In Vivo Diagnosis and Treatment of Allergy: Is There a Future?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 1845-1855.e2	5.4	61
426	Ragweed Pollen Allergy: Burden, Characteristics, and Management of an Imported Allergen Source in Europe. <i>International Archives of Allergy and Immunology</i> , 2018 , 176, 163-180	3.7	29
425	The culprit insect but not severity of allergic reactions to bee and wasp venom can be determined by molecular diagnosis. <i>PLoS ONE</i> , 2018 , 13, e0199250	3.7	18
424	Betamethasone prevents human rhinovirus- and cigarette smoke- induced loss of respiratory epithelial barrier function. <i>Scientific Reports</i> , 2018 , 8, 9688	4.9	15
423	PreDicta chip-based high resolution diagnosis of rhinovirus-induced wheeze. <i>Nature Communications</i> , 2018 , 9, 2382	17.4	23

422	Specific IgE and IgG measured by the MeDALL allergen-chip depend on allergen and route of exposure: The EGEA study. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 643-654.e6	11.5	44
421	CD23 surface density on B cells is associated with IgE levels and determines IgE-facilitated allergen uptake, as well as activation of allergen-specific T cells. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 290-299.e4	11.5	44
420	Critical and direct involvement of the CD23 stalk region in IgE binding. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 281-289.e5	11.5	20
419	A B Cell Epitope Peptide Derived from the Major Grass Pollen Allergen Phl p 1 Boosts Allergen-Specific Secondary Antibody Responses without Allergen-Specific T Cell Help. <i>Journal of Immunology</i> , 2017 , 198, 1685-1695	5.3	10
418	Biomarkers for monitoring clinical efficacy of allergen immunotherapy for allergic rhinoconjunctivitis and allergic asthma: an EAACI Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1156-1173	9.3	198
417	Reliable mite-specific IgE testing in nasal secretions by means of allergen microarray. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 301-303.e8	11.5	14
416	Extracorporeal IgE Immunoabsorption in Allergic Asthma: Safety and Efficacy. <i>EBioMedicine</i> , 2017 , 17, 119-133	8.8	18
415	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 388-399	11.5	103
414	Prediction of peanut allergy in adolescence by early childhood storage protein-specific IgE signatures: The BAMSE population-based birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 587-590.e7	11.5	23
413	Mucosal Lining Fluid Biomarkers in Asthma: Basis for Rational Use of New Targeted Therapies?. <i>EBioMedicine</i> , 2017 , 19, 12-13	8.8	
412	Recombinant allergy vaccines based on allergen-derived B cell epitopes. <i>Immunology Letters</i> , 2017 , 189, 19-26	4.1	49
411	Molecular aspects of allergens in atopic dermatitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2017 , 17, 269-277	3.3	21
410	Flexible IgE epitope-containing domains of Phl p 5 cause high allergenic activity. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1187-1191	11.5	15
409	Comparison of the immunogenicity of BM32, a recombinant hypoallergenic B cell epitope-based grass pollen allergy vaccine with allergen extract-based vaccines. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1433-1436.e6	11.5	19
408	ImmunoCAP assays: Pros and cons in allergology. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 974-977	11.5	79
407	BTK inhibition is a potent approach to block IgE-mediated histamine release in human basophils. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1666-1676	9.3	30
406	Possible effect of landscape design on IgE recognition profiles of two generations revealed with micro-arrayed allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1579-1582	9.3	7
405	Distinct Expression and Function of FcRII in Human B Cells and Monocytes. <i>Journal of Immunology</i> , 2017 , 198, 3033-3044	5.3	4

404	Recombinant allergen and peptide-based approaches for allergy prevention by oral tolerance. <i>Seminars in Immunology</i> , 2017 , 30, 67-80	10.7	18
403	Clustering of conformational IgE epitopes on the major dog allergen Can f 1. <i>Scientific Reports</i> , 2017 , 7, 12135	4.9	8
402	Single recombinant and purified major allergens and peptides: How they are made and how they change allergy diagnosis and treatment. <i>Annals of Allergy, Asthma and Immunology</i> , 2017 , 119, 201-209	3.2	24
401	Computational analysis of multimorbidity between asthma, eczema and rhinitis. <i>PLoS ONE</i> , 2017 , 12, e0179125	3.7	26
400	Epicutaneous allergen application preferentially boosts specific T cell responses in sensitized patients. <i>Scientific Reports</i> , 2017 , 7, 11657	4.9	16
399	Greater Real-Life Diagnostic Efficacy of Allergen Molecule-Based Diagnosis for Prescription of Immunotherapy in an Area with Multiple Pollen Exposure. <i>International Archives of Allergy and Immunology</i> , 2017 , 173, 93-98	3.7	14
398	Detection of IgE Reactivity to a Handful of Allergen Molecules in Early Childhood Predicts Respiratory Allergy in Adolescence. <i>EBioMedicine</i> , 2017 , 26, 91-99	8.8	48
397	International consensus (ICON) on: clinical consequences of mite hypersensitivity, a global problem. <i>World Allergy Organization Journal</i> , 2017 , 10, 14	5.2	50
396	Evolution and predictive value of IgE responses toward a comprehensive panel of house dust mite allergens during the first 2 decades of life. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 541-549.e8	11.5	143
395	Infant milk formulas differ regarding their allergenic activity and induction of T-cell and cytokine responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 416-424	9.3	21
394	Heat-labile Escherichia coli toxin enhances the induction of allergen-specific IgG antibodies in epicutaneous patch vaccination. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 164-168	9.3	10
393	Blocking antibodies induced by immunization with a hypoallergenic parvalbumin mutant reduce allergic symptoms in a mouse model of fish allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1897-1905.e1	11.5	37
392	Marker Allergens and Panallergens in Tree and Grass Pollen Allergy 2017 , 203-226		
391	BTK inhibition is a potent approach to block IgE-mediated histamine release in human basophils. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1666-1676	9.3	12
390	Specific Antibodies for the Detection of Alternaria Allergens and the Identification of Cross-Reactive Antigens in Other Fungi. <i>International Archives of Allergy and Immunology</i> , 2016 , 170, 269-278	3.7	9
389	Mechanisms, safety and efficacy of a B cell epitope-based vaccine for immunotherapy of grass pollen allergy. <i>EBioMedicine</i> , 2016 , 11, 43-57	8.8	91
388	Real-Life Study for the Diagnosis of House Dust Mite Allergy - The Value of Recombinant Allergen-Based IgE Serology. <i>International Archives of Allergy and Immunology</i> , 2016 , 170, 132-7	3.7	37
387	Microarray-based IgE serology improves management of severe atopic dermatitis in two children. <i>Pediatric Allergy and Immunology</i> , 2016 , 27, 645-9	4.2	13

386	Monitoring Allergen Immunotherapy Effects by Microarray. <i>Current Treatment Options in Allergy</i> , 2016 , 3, 189-203	1	29
385	Vaccine development for allergen-specific immunotherapy based on recombinant allergens and synthetic allergen peptides: Lessons from the past and novel mechanisms of action for the future. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 351-7	11.5	117
384	IL-17A-Specific Autoreactive CD8+ T Cells in Atopic Dermatitis Are of an Effector Memory Type and Secrete IL-4 and IFN- γ <i>Journal of Immunology</i> , 2016 , 196, 3245-52	5.3	35
383	Sensitization to cat and dog allergen molecules in childhood and prediction of symptoms of cat and dog allergy in adolescence: A BAMSE/MeDALL study. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 813-21.e7	11.5	105
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3	SARS-CoV-2 escapes CD8 T cell surveillance via mutations in MHC-I restricted epitopes		6
2	Induction of antibody responses to new B cell epitopes indicates vaccination character of allergen immunotherapy		
1	Biochemistry of Allergens and Recombinant Allergens893-912		4