Jennifer M Rolland

List of Publications by Year
in descending order

40 papers	1,448 citations	304743 22 h-index	330143 37 g-index
44 all docs	44 docs citations	44 times ranked	1681 citing authors

#	Article	IF	Citations
1	House Dust Mite Sublingual Immunotherapy. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 936-947.	5.6	158
2	Clinical Efficacy and Immunologic Effects of Omalizumab in Allergic Bronchopulmonary Aspergillosis. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 192-199.	3.8	138
3	Effect of heat processing on antibody reactivity to allergen variants and fragments of black tiger prawn: A comprehensive allergenomic approach. Molecular Nutrition and Food Research, 2014, 58, 1144-1155.	3.3	92
4	Ara h 2 peptides containing dominant CD4+ T-cell epitopes: Candidates for a peanut allergy therapeutic. Journal of Allergy and Clinical Immunology, 2011, 127, 608-615.e5.	2.9	83
5	Allergen-related approaches to immunotherapy. , 2009, 121, 273-284.		72
6	IgE Reactivity of Blue Swimmer Crab (Portunus pelagicus) Tropomyosin, Por p 1, and Other Allergens; Cross-Reactivity with Black Tiger Prawn and Effects of Heating. PLoS ONE, 2013, 8, e67487.	2.5	65
7	Induction of IgG₂ and IgG₄ Bâ€cell memory following sublingual immunotherapy for ryegrass pollen allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1121-1132.	5.7	56
8	Specific and Sensitive Enzyme-Linked Immunosorbent Assays for Analysis of Residual Allergenic Food Proteins in Commercial Bottled Wine Fined with Egg White, Milk, and Nongrape-Derived Tannins. Journal of Agricultural and Food Chemistry, 2008, 56, 349-354.	5.2	51
9	T Cell Epitope Peptide Therapy for Allergic Diseases. Current Allergy and Asthma Reports, 2016, 16, 14.	5.3	49
10	Potential food allergens in wine: Double-blind, placebo-controlled trial and basophil activation analysis. Nutrition, 2006, 22, 882-888.	2.4	48
11	Functional regulatory T cells and allergen immunotherapy. Current Opinion in Allergy and Clinical Immunology, 2010, 10, 559-566.	2.3	43
12	Rapid and comprehensive discovery of unreported shellfish allergens using large-scale transcriptomic and proteomic resources. Journal of Allergy and Clinical Immunology, 2018, 141, 1501-1504.e8.	2.9	42
13	Oligoclonal Analysis of the Atopic T Cell Response to the Group 1 Allergen of <i>Cynodon dactylon</i> (Bermuda Grass) Pollen: Pre- and Post-Allergen-Specific Immunotherapy. International Archives of Allergy and Immunology, 2002, 127, 234-244.	2.1	38
14	Epidemic Thunderstorm Asthma Protection with Five-Grass Pollen Tablet Sublingual Immunotherapy: A Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 126-128.	5.6	38
15	High Dose Allergen Stimulation of T Cells from House Dust Mite-Allergic Subjects Induces Expansion of IFN-Î³+ T Cells, Apoptosis of CD4+IL-4+ T Cells and T Cell Anergy. International Archives of Allergy and Immunology, 2004, 133, 1-13.	2.1	37
16	Allergen immunotherapy: current and new therapeutic strategies. Expert Opinion on Investigational Drugs, 2000, 9, 515-527.	4.1	36
17	Recent developments and highlights in immune monitoring of allergen immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2342-2354.	5.7	29
18	The activin A antagonist follistatin inhibits cystic fibrosisâ€like lung inflammation and pathology. Immunology and Cell Biology, 2015, 93, 567-574.	2.3	28

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19	Effect of Heat Processing on IgE Reactivity and Crossâ€Reactivity of Tropomyosin and Other Allergens of Asiaâ€Pacific Mollusc Species: Identification of Novel Sydney Rock Oyster Tropomyosin Sac g 1. Molecular Nutrition and Food Research, 2018, 62, e1800148.	3.3	28
20	MHC Class II Expression in Human Basophils: Induction and Lack of Functional Significance. PLoS ONE, 2013, 8, e81777.	2.5	28
21	Collagenâ€"An Important Fish Allergen for Improved Diagnosis. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3084-3092.e10.	3.8	26
22	Effect of structural stability on endolysosomal degradation and Tâ€cell reactivity of major shrimp allergen tropomyosin. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2909-2919.	5.7	25
23	Effect of thermal processing on T cell reactivity of shellfish allergens - Discordance with IgE reactivity. PLoS ONE, 2017, 12, e0173549.	2.5	23
24	Effects of Extraction Buffer on the Solubility and Immunoreactivity of the Pacific Oyster Allergens. Foods, 2021, 10, 409.	4.3	22
25	Tolerogenic Dendritic Cells Derived from Donors with Natural Rubber Latex Allergy Modulate Allergen-Specific T-Cell Responses and IgE Production. PLoS ONE, 2014, 9, e85930.	2.5	22
26	High Fat Diet Inhibits Dendritic Cell and T Cell Response to Allergens but Does Not Impair Inhalational Respiratory Tolerance. PLoS ONE, 2016, 11, e0160407.	2.5	22
27	Epidemic thunderstorm asthma susceptibility from sensitization to ryegrass (Lolium perenne) pollen and major allergen Lol p 5. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2369-2372.	5.7	21
28	Auto-induction for high yield expression of recombinant novel isoallergen tropomyosin from King prawn (Melicertus latisulcatus) for improved diagnostics and immunotherapeutics. Journal of Immunological Methods, 2014, 415, 6-16.	1.4	19
29	Goat's cheese anaphylaxis after cutaneous sensitization by moisturizer that contained goat's milk. Journal of Allergy and Clinical Immunology: in Practice, 2014, 2, 629-630.	3.8	15
30	Molecular cloning, expression and immunological characterisation of Lol p 5C, a novel allergen isoform of rye grass pollen demonstrating high IgE reactivity¹. FEBS Letters, 1999, 462, 435-441.	2.8	13
31	Synthetic Nanoparticles That Promote Tumor Necrosis Factor Receptor 2 Expressing Regulatory T Cells in the Lung and Resistance to Allergic Airways Inflammation. Frontiers in Immunology, 2017, 8, 1812.	4.8	13
32	Anaphylaxis to oats after cutaneous sensitization byÂoatmeal in skin products used for the treatment of atopic dermatitis. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 152-153.	3.8	12
33	Defining specific allergens for improved component-resolved diagnosis of shrimp allergy in adults. Molecular Immunology, 2019, 112, 330-337.	2.2	12
34	Advances in development of hypoallergenic latex immunotherapy. Current Opinion in Allergy and Clinical Immunology, 2005, 5, 544-551.	2.3	11
35	Advances in allergenâ€specific immune cell measurements for improved detection of allergic sensitization and immunotherapy responses. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3374-3382.	5.7	10
36	CytoBas: Precision componentâ€resolved diagnostics for allergy using flow cytometric staining of basophils with recombinant allergen tetramers. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3028-3040.	5.7	8

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37	T Cell Targeted Strategies for Improved Efficacy and Safety of Specific Immunotherapy for Allergic Disease. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2013, 12, 201-222.	1.1	7
38	Peanut oral immunotherapy: current trends in clinical trials. Immunotherapy Advances, 2022, 2, .	3.0	5
39	Trabecular meshwork changes in glaucoma. Australian and New Zealand Journal of Ophthalmology, 1996, 24, 21-24.	0.4	2
40	Changes in Lymphocyte Status and Responsiveness in Pregnancy Detected by a Fluorescent Cell Probe. Australian and New Zealand Journal of Obstetrics and Gynaecology, 1985, 25, 111-114.	1.0	0