

# James R Perkins

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

2,414  
citations

236925

25  
h-index

223800

46  
g-index

72  
all docs

72  
docs citations

72  
times ranked

4375  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient Protein-Protein Interactions: Structural, Functional, and Network Properties. <i>Structure</i> , 2010, 18, 1233-1243.	3.3	467
2	ReadqPCR and NormqPCR: R packages for the reading, quality checking and normalisation of RT-qPCR quantification cycle (Cq) data. <i>BMC Genomics</i> , 2012, 13, 296.	2.8	172
3	Small RNAs Control Sodium Channel Expression, Nociceptor Excitability, and Pain Thresholds. <i>Journal of Neuroscience</i> , 2010, 30, 10860-10871.	3.6	152
4	Gene3D: a domain-based resource for comparative genomics, functional annotation and protein network analysis. <i>Nucleic Acids Research</i> , 2012, 40, D465-D471.	14.5	98
5	CXCL5 Mediates UVB Irradiation-Induced Pain. <i>Science Translational Medicine</i> , 2011, 3, 90ra60.	12.4	97
6	Sensory, psychological, and metabolic dysfunction in HIV-associated peripheral neuropathy: A cross-sectional deep profiling study. <i>Pain</i> , 2014, 155, 1846-1860.	4.2	87
7	Regulatory variants: from detection to predicting impact. <i>Briefings in Bioinformatics</i> , 2019, 20, 1639-1654.	6.5	82
8	A Comparison of RNA-Seq and Exon Arrays for Whole Genome Transcription Profiling of the L5 Spinal Nerve Transection Model of Neuropathic Pain in the Rat. <i>Molecular Pain</i> , 2014, 10, 1744-8069-10-7.	2.1	75
9	Axonal neuregulin 1 is a rate limiting but not essential factor for nerve remyelination. <i>Brain</i> , 2013, 136, 2279-2297.	7.6	73
10	Selective immediate responders to amoxicillin and clavulanic acid tolerate penicillin derivative administration after confirming the diagnosis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1013-1019.	5.7	65
11	PainNetworks: A web-based resource for the visualisation of pain-related genes in the context of their network associations. <i>Pain</i> , 2013, 154, 2586e1-2586e12.	4.2	50
12	Genome-Wide Transcriptional Profiling of Skin and Dorsal Root Ganglia after Ultraviolet-B-Induced Inflammation. <i>PLoS ONE</i> , 2014, 9, e93338.	2.5	46
13	Initial immunological changes as predictors for house dust mite immunotherapy response. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1542-1553.	2.9	44
14	Pyrazolones metabolites are relevant for identifying selective anaphylaxis to metamizole. <i>Scientific Reports</i> , 2016, 6, 23845.	3.3	44
15	Systems biology approaches to finding novel pain mediators. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 11-35.	6.6	42
16	Review: High-performance computing to detect epistasis in genome scale data sets. <i>Briefings in Bioinformatics</i> , 2016, 17, 368-379.	6.5	39
17	Natural evolution in patients with nonsteroidal anti-inflammatory drug-induced urticaria/angioedema. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1346-1355.	5.7	39
18	Immunological Changes Induced in Peach Allergy Patients with Systemic Reactions by Pru p 3 Sublingual Immunotherapy. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700669.	3.3	39

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19	Allergic Reactions to Metamizole: Immediate and Delayed Responses. <i>International Archives of Allergy and Immunology</i> , 2016, 169, 223-230.	2.1	37
20	NSAIDs-hypersensitivity often induces a blended reaction pattern involving multiple organs. <i>Scientific Reports</i> , 2018, 8, 16710.	3.3	36
21	Biofilm formation displays intrinsic offensive and defensive features of <i>Bacillus cereus</i> . <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 3.	6.4	34
22	Pharmacogenomics of Prostaglandin and Leukotriene Receptors. <i>Frontiers in Pharmacology</i> , 2016, 7, 316.	3.5	32
23	InterPro in 2011: new developments in the family and domain prediction database. <i>Nucleic Acids Research</i> , 2012, 40, 4725-4725.	14.5	31
24	Chemokine Expression in Peripheral Tissues from the Monosodium Lodoacetate Model of Chronic Joint Pain. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-57.	2.1	31
25	Hypersensitivity Reactions to Non-Steroidal Anti-Inflammatory Drugs. <i>Current Pharmaceutical Design</i> , 2017, 22, 6784-6802.	1.9	30
26	LPS promotes Th2 dependent sensitisation leading to anaphylaxis in a Pru p 3 mouse model. <i>Scientific Reports</i> , 2017, 7, 40449.	3.3	28
27	High Prevalence of Lipid Transfer Protein Sensitization in Apple Allergic Patients with Systemic Symptoms. <i>PLoS ONE</i> , 2014, 9, e107304.	2.5	25
28	Unravelling adverse reactions to NSAIDs using systems biology. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 172-180.	8.7	24
29	Eicosanoid mediator profiles in different phenotypes of nonsteroidal anti-inflammatory drug-induced urticaria. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1135-1144.	5.7	23
30	Glycosylated nanostructures in sublingual immunotherapy induce long-lasting tolerance in LTP allergy mouse model. <i>Scientific Reports</i> , 2019, 9, 4043.	3.3	23
31	Genetic variants in arachidonic acid pathway genes associated with NSAID-exacerbated respiratory disease. <i>Pharmacogenomics</i> , 2015, 16, 825-839.	1.3	22
32	Pru p 3 epitope-based sublingual immunotherapy in a murine model for the treatment of peach allergy. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700110.	3.3	22
33	Semirna: Searching for Plant miRNAs Using Target Sequences. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 168-177.	2.0	17
34	Update on the Genetic Basis of Drug Hypersensitivity Reactions. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2017, 27, 336-345.	1.3	17
35	Asthma and Rhinitis Induced by Selective Immediate Reactions to Paracetamol and Non-steroidal Anti-inflammatory Drugs in Aspirin Tolerant Subjects. <i>Frontiers in Pharmacology</i> , 2016, 7, 215.	3.5	16
36	Influence of age on IgE response in peanut allergic children and adolescents from the Mediterranean area. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 497-502.	2.6	15

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37	Copy number variation in ALOX5 and PTGER1 is associated with NSAIDs-induced urticaria and/or angioedema. <i>Pharmacogenetics and Genomics</i> , 2016, 26, 280-287.	1.5	15
38	Pru p 3â€Glycodendropeptides Based on Mannoses Promote Changes in the Immunological Properties of Dendritic and Tâ€Cells from LTPâ€Allergic Patients. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900553.	3.3	15
39	Cellular Tests for the Evaluation of Drug Hypersensitivity. <i>Current Pharmaceutical Design</i> , 2017, 22, 6773-6783.	1.9	15
40	Phenotype-genotype comorbidity analysis of patients with rare disorders provides insight into their pathological and molecular bases. <i>PLoS Genetics</i> , 2020, 16, e1009054.	3.5	14
41	Association study of genetic variants in PLA2G4A, PLCG1, LAT, SYK, and TNFRS11A genes in NSAIDs-induced urticaria and/or angioedema patients. <i>Pharmacogenetics and Genomics</i> , 2015, 25, 618-621.	1.5	12
42	Polymorphisms in CEP68 gene associated with risk of immediate selective reactions to non-steroidal anti-inflammatory drugs. <i>Pharmacogenomics Journal</i> , 2019, 19, 191-199.	2.0	12
43	Genetic basis of hypersensitivity reactions to nonsteroidal anti-inflammatory drugs. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2015, 15, 285-293.	2.3	11
44	Dermatophagoides pteronyssinus immunotherapy changes the T-regulatory cell activity. <i>Scientific Reports</i> , 2017, 7, 11949.	3.3	11
45	Gene expression analysis method integration and co-expression module detection applied to rare glucide metabolism disorders using ExpHunterSuite. <i>Scientific Reports</i> , 2021, 11, 15062.	3.3	11
46	Characterisation of non-coding genetic variation in histamine receptors using AnNCR-SNP. <i>Amino Acids</i> , 2016, 48, 2433-2442.	2.7	10
47	Systems biology approaches to enhance our understanding of drug hypersensitivity reactions. <i>Clinical and Experimental Allergy</i> , 2014, 44, 1461-1472.	2.9	8
48	Revealing the Relationship Between Human Genome Regions and Pathological Phenotypes Through Network Analysis. <i>Lecture Notes in Computer Science</i> , 2017, , 197-207.	1.3	8
49	Systematic identification of genetic systems associated with phenotypes in patients with rare genomic copy number variations. <i>Human Genetics</i> , 2021, 140, 457-475.	3.8	8
50	Assigning protein function from domain-function associations using DomFun. <i>BMC Bioinformatics</i> , 2022, 23, 43.	2.6	8
51	Genetic Variants of Thymic Stromal Lymphopoietin in Nonsteroidal Anti-Inflammatory Drug-Induced Urticaria/Angioedema. <i>International Archives of Allergy and Immunology</i> , 2016, 169, 249-255.	2.1	7
52	Genetic Variants in Cytosolic Phospholipase A2 Associated With Nonsteroidal Anti-Inflammatory Drugâ€Induced Acute Urticaria/Angioedema. <i>Frontiers in Pharmacology</i> , 2021, 12, 667824.	3.5	7
53	The study of severe cutaneous drug hypersensitivity reactions from a systems biology perspective. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2014, 14, 301-306.	2.3	6
54	Epistatic Analysis of Clarkson Disease. <i>Procedia Computer Science</i> , 2015, 51, 725-734.	2.0	6

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55	Missense Gamma-Aminobutyric Acid Receptor Polymorphisms Are Associated with Reaction Time, Motor Time, and Ethanol Effects in Vivo. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 10.	3.7	6
56	Tests for evaluating non-immediate allergic drug reactions. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1475-1486.	3.0	5
57	Multiple Nonsteroidal Anti-Inflammatory Drug-Induced Cutaneous Disease: Relevance, Natural Evolution and Relationship with Atopy. <i>International Archives of Allergy and Immunology</i> , 2014, 164, 147-148.	2.1	5
58	The Genetics of Drug Hypersensitivity Reactions. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2016, 26, 222-232.	1.3	5
59	An improved de novo assembling and polishing of <i>Solea senegalensis</i> transcriptome shed light on retinoic acid signalling in larvae. <i>Scientific Reports</i> , 2020, 10, 20654.	3.3	5
60	Drug-Induced Anaphylaxis. <i>Current Treatment Options in Allergy</i> , 2015, 2, 169-182.	2.2	4
61	Transcriptional Profiling of Dendritic Cells in a Mouse Model of Food Antigen-Induced Anaphylaxis Reveals the Upregulation of Multiple Immune-Related Pathways. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800759.	3.3	4
62	Anaphylaxis to 2 NSAIDs in a Patient Who Tolerated ASA. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2016, 26, 266-268.	1.3	4
63	Transcriptional changes in dendritic cells underlying allergen specific induced tolerance in a mouse model. <i>Scientific Reports</i> , 2022, 12, 2797.	3.3	4
64	Analyzing the Effects of Genetic Variation in Noncoding Genomic Regions. , 2018, , 119-144.		3
65	Decoding Neuromuscular Disorders Using Phenotypic Clusters Obtained From Co-Occurrence Networks. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 635074.	3.5	3
66	Evaluating, Filtering and Clustering Genetic Disease Cohorts Based on Human Phenotype Ontology Data with Cohort Analyzer. <i>Journal of Personalized Medicine</i> , 2021, 11, 730.	2.5	2
67	Comprehensive Analysis of Patients with Undiagnosed Genetic Diseases Using the Patient Exploration Tools Suite (PETS). <i>Lecture Notes in Computer Science</i> , 2020, , 775-786.	1.3	1
68	Weighted Epistatic Analysis of NSAIDs Hypersensitivity Data. <i>Engineering Applications of Artificial Intelligence</i> , 2017, 62, 312-319.	8.1	0