

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	Assigning protein function from domain-function associations using DomFun. BMC Bioinformatics, 2022, 23, 43.	2.6	8
2	Transcriptional changes in dendritic cells underlying allergen specific induced tolerance in a mouse model. Scientific Reports, 2022, 12, 2797.	3.3	4
3	Systematic identification of genetic systems associated with phenotypes in patients with rare genomic copy number variations. Human Genetics, 2021, 140, 457-475.	3.8	8
4	Decoding Neuromuscular Disorders Using Phenotypic Clusters Obtained From Co-Occurrence Networks. Frontiers in Molecular Biosciences, 2021, 8, 635074.	3.5	3
5	Genetic Variants in Cytosolic Phospholipase A2 Associated With Nonsteroidal Anti-Inflammatory Drugâ€“Induced Acute Urticaria/Angioedema. Frontiers in Pharmacology, 2021, 12, 667824.	3.5	7
6	Gene expression analysis method integration and co-expression module detection applied to rare glucide metabolism disorders using ExpHunterSuite. Scientific Reports, 2021, 11, 15062.	3.3	11
7	Evaluating, Filtering and Clustering Genetic Disease Cohorts Based on Human Phenotype Ontology Data with Cohort Analyzer. Journal of Personalized Medicine, 2021, 11, 730.	2.5	2
8	Phenotype-genotype comorbidity analysis of patients with rare disorders provides insight into their pathological and molecular bases. PLoS Genetics, 2020, 16, e1009054.	3.5	14
9	An improved de novo assembling and polishing of Solea senegalensis transcriptome shed light on retinoic acid signalling in larvae. Scientific Reports, 2020, 10, 20654.	3.3	5
10	Biofilm formation displays intrinsic offensive and defensive features of Bacillus cereus. Npj Biofilms and Microbiomes, 2020, 6, 3.	6.4	34
11	Comprehensive Analysis of Patients with Undiagnosed Genetic Diseases Using the Patient Exploration Tools Suite (PETS). Lecture Notes in Computer Science, 2020, , 775-786.	1.3	1
12	Regulatory variants: from detection to predicting impact. Briefings in Bioinformatics, 2019, 20, 1639-1654.	6.5	82
13	Polymorphisms in CEP68 gene associated with risk of immediate selective reactions to non-steroidal anti-inflammatory drugs. Pharmacogenomics Journal, 2019, 19, 191-199.	2.0	12
14	Pru p 3â€“Glycodendropeptides Based on Mannoses Promote Changes in the Immunological Properties of Dendritic and Tâ€“Cells from LTPâ€“Allergic Patients. Molecular Nutrition and Food Research, 2019, 63, e1900553.	3.3	15
15	Eicosanoid mediator profiles in different phenotypes of nonsteroidal antiâ€“inflammatory drugâ€“induced urticaria. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1135-1144.	5.7	23
16	Glycosylated nanostructures in sublingual immunotherapy induce long-lasting tolerance in LTP allergy mouse model. Scientific Reports, 2019, 9, 4043.	3.3	23
17	Transcriptional Profiling of Dendritic Cells in a Mouse Model of Foodâ€“Antigenâ€“Induced Anaphylaxis Reveals the Upregulation of Multiple Immuneâ€“Related Pathways. Molecular Nutrition and Food Research, 2019, 63, e1800759.	3.3	4
18	Immunological Changes Induced in Peach Allergy Patients with Systemic Reactions by Pru p 3 Sublingual Immunotherapy. Molecular Nutrition and Food Research, 2018, 62, 1700669.	3.3	39

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19	NSAIDs-hypersensitivity often induces a blended reaction pattern involving multiple organs. <i>Scientific Reports</i> , 2018, 8, 16710.	3.3	36
20	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
21	Analyzing the Effects of Genetic Variation in Noncoding Genomic Regions. , 2018, , 119-144.		3
22	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
23	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
24	Pru p 3â€œEpitopeâ€œbased 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
25	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
26	Dermatophagoides pteronyssinus immunotherapy changes the T-regulatory cell activity. <i>Scientific Reports</i> , 2017, 7, 11949.	3.3	11
27	Weighted Epistatic Analysis of NSAIDs Hypersensitivity Data. <i>Engineering Applications of Artificial Intelligence</i> , 2017, 62, 312-319.	8.1	0
28	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
29	Hypersensitivity Reactions to Non-Steroidal Anti-Inflammatory Drugs. <i>Current Pharmaceutical Design</i> , 2017, 22, 6784-6802.	1.9	30
30	Cellular Tests for the Evaluation of Drug Hypersensitivity. <i>Current Pharmaceutical Design</i> , 2017, 22, 6773-6783.	1.9	15
31	The Genetics of Drug Hypersensitivity Reactions. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2016, 26, 222-232.	1.3	5
32	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
33	Pharmacogenomics of Prostaglandin and Leukotriene Receptors. <i>Frontiers in Pharmacology</i> , 2016, 7, 316.	3.5	32
34	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
35	Pyrazolones metabolites are relevant for identifying selective anaphylaxis to metamizole. <i>Scientific Reports</i> , 2016, 6, 23845.	3.3	44
36	Characterisation of non-coding genetic variation in histamine receptors using AnNCR-SNP. <i>Amino Acids</i> , 2016, 48, 2433-2442.	2.7	10

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37	Allergic Reactions to Metamizole: Immediate and Delayed Responses. <i>International Archives of Allergy and Immunology</i> , 2016, 169, 223-230.	2.1	37
38	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
39	Review: High-performance computing to detect epistasis in genome scale data sets. <i>Briefings in Bioinformatics</i> , 2016, 17, 368-379.	6.5	39
40	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
41	Initial immunological changes as predictors for house dust mite immunotherapy response. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1542-1553.	2.9	44
42	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
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	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
45	Drug-Induced Anaphylaxis. <i>Current Treatment Options in Allergy</i> , 2015, 2, 169-182.	2.2	4
46	Epistatic Analysis of Clarkson Disease. <i>Procedia Computer Science</i> , 2015, 51, 725-734.	2.0	6
47	Unravelling adverse reactions to NSAIDs using systems biology. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 172-180.	8.7	24
48	Genetic variants in arachidonic acid pathway genes associated with NSAID-exacerbated respiratory disease. <i>Pharmacogenomics</i> , 2015, 16, 825-839.	1.3	22
49	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
50	Systems biology approaches to enhance our understanding of drug hypersensitivity reactions. <i>Clinical and Experimental Allergy</i> , 2014, 44, 1461-1472.	2.9	8
51	Tests for evaluating non-immediate allergic drug reactions. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1475-1486.	3.0	5
52	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
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	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

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55	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
56	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
57	High Prevalence of Lipid Transfer Protein Sensitization in Apple Allergic Patients with Systemic Symptoms. <i>PLoS ONE</i> , 2014, 9, e107304.	2.5	25
58	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
59	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
60	Systems biology approaches to finding novel pain mediators. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 11-35.	6.6	42
61	Axonal neuregulin 1 is a rate limiting but not essential factor for nerve remyelination. <i>Brain</i> , 2013, 136, 2279-2297.	7.6	73
62	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
63	Semirna: Searching for Plant miRNAs Using Target Sequences. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 168-177.	2.0	17
64	InterPro in 2011: new developments in the family and domain prediction database. <i>Nucleic Acids Research</i> , 2012, 40, 4725-4725.	14.5	31
65	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
66	CXCL5 Mediates UVB Irradiation-Induced Pain. <i>Science Translational Medicine</i> , 2011, 3, 90ra60.	12.4	97
67	Transient Protein-Protein Interactions: Structural, Functional, and Network Properties. <i>Structure</i> , 2010, 18, 1233-1243.	3.3	467
68	Small RNAs Control Sodium Channel Expression, Nociceptor Excitability, and Pain Thresholds. <i>Journal of Neuroscience</i> , 2010, 30, 10860-10871.	3.6	152