

Courtney G Montgomery

List of Publications by Year in descending order

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57
papers

3,933
citations

236925

25
h-index

149698

56
g-index

58
all docs

58
docs citations

58
times ranked

7730
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. <i>Cell Genomics</i> , 2022, 2, 100084.	6.5	29
2	Systemic immune response to vimentin and granuloma formation in a model of pulmonary sarcoidosis. <i>Journal of Translational Autoimmunity</i> , 2022, 5, 100153.	4.0	11
3	Novel HLA associations with outcomes of <i>Mycobacterium tuberculosis</i> exposure and sarcoidosis in individuals of African ancestry using nearest-neighbor feature selection. <i>Genetic Epidemiology</i> , 2022, 46, 463-474.	1.3	5
4	Genome-Wide Association Study of Ocular Sarcoidosis Confirms HLA Associations and Implicates Barrier Function and Autoimmunity in African Americans. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 244-249.	1.8	21
5	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.	27.8	1,069
6	Robust, flexible, and scalable tests for Hardy-Weinberg equilibrium across diverse ancestries. <i>Genetics</i> , 2021, 218, .	2.9	6
7	Population sequencing data reveal a compendium of mutational processes in the human germ line. <i>Science</i> , 2021, 373, 1030-1035.	12.6	43
8	American Indians Have a Higher Risk of Sjögren's Syndrome and More Disease Activity Than European Americans and African Americans. <i>Arthritis Care and Research</i> , 2020, 72, 1049-1056.	3.4	14
9	Nearest-Neighbor Projected Distance Regression for Epistasis Detection in GWAS With Population Structure Correction. <i>Frontiers in Genetics</i> , 2020, 11, 784.	2.3	1
10	Recent advances in sarcoidosis genomics: epigenetics, gene expression, and gene by environment (G×E) interaction studies. <i>Current Opinion in Pulmonary Medicine</i> , 2020, 26, 544-553.	2.6	11
11	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. <i>Nature Communications</i> , 2020, 11, 6417.	12.8	39
12	Single Cell Transcriptomics Implicate Novel Monocyte and T Cell Immune Dysregulation in Sarcoidosis. <i>Frontiers in Immunology</i> , 2020, 11, 567342.	4.8	21
13	Reproducibility of Ocular Surface Staining in the Assessment of Sjögren Syndrome-Related Keratoconjunctivitis Sicca: Implications on Disease Classification. <i>ACR Open Rheumatology</i> , 2019, 1, 292-302.	2.1	10
14	Extended methods for gene-environment-wide interaction scans in studies of admixed individuals with varying degrees of relationships. <i>Genetic Epidemiology</i> , 2019, 43, 414-426.	1.3	10
15	Use of >100,000 NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium whole genome sequences improves imputation quality and detection of rare variant associations in admixed African and Hispanic/Latino populations. <i>PLoS Genetics</i> , 2019, 15, e1008500.	3.5	203
16	ARID3a gene profiles are strongly associated with human interferon alpha production. <i>Journal of Autoimmunity</i> , 2019, 96, 158-167.	6.5	19
17	Antibodies to periodontogenic bacteria are associated with higher disease activity in lupus patients. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 106-111.	0.8	11
18	PD-1 up-regulation on CD4 ⁺ T cells promotes pulmonary fibrosis through STAT3-mediated IL-17A and TGF- β 1 production. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	225

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19	Enhancer histone-QTLs are enriched on autoimmune risk haplotypes and influence gene expression within chromatin networks. <i>Nature Communications</i> , 2018, 9, 2905.	12.8	56
20	Trans-Ethnic Mapping of BANK1 Identifies Two Independent SLE-Risk Linkage Groups Enriched for Co-Transcriptional Splicing Marks. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2331.	4.1	12
21	Minor salivary gland fibrosis in Sjögren's syndrome is elevated, associated with focus score and not solely a consequence of aging. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 112, 80-88.	0.8	26
22	Downregulation of E Protein Activity Augments an ILC2 Differentiation Program in the Thymus. <i>Journal of Immunology</i> , 2017, 198, 3149-3156.	0.8	39
23	Genetic, Immunologic, and Environmental Basis of Sarcoidosis. <i>Annals of the American Thoracic Society</i> , 2017, 14, S429-S436.	3.2	87
24	Estimating Allele Frequencies. <i>Methods in Molecular Biology</i> , 2017, 1666, 61-81.	0.9	7
25	Fatty infiltration of the minor salivary glands is a selective feature of aging but not Sjögren's syndrome. <i>Autoimmunity</i> , 2017, 50, 451-457.	2.6	23
26	Effect of Tobacco Smoking on The Clinical, Histopathological, and Serological Manifestations of Sjögren's Syndrome. <i>PLoS ONE</i> , 2017, 12, e0170249.	2.5	25
27	Association of IFIH1 and pro-inflammatory mediators: Potential new clues in SLE-associated pathogenesis. <i>PLoS ONE</i> , 2017, 12, e0171193.	2.5	11
28	Identification of a Sjögren's syndrome susceptibility locus at OAS1 that influences isoform switching, protein expression, and responsiveness to type I interferons. <i>PLoS Genetics</i> , 2017, 13, e1006820.	3.5	60
29	X Chromosome Dose and Sex Bias in Autoimmune Diseases: Increased Prevalence of 47,XXX in Systemic Lupus Erythematosus and Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2016, 68, 1290-1300.	5.6	114
30	Single-cell analysis of glandular T cell receptors in Sjögren's syndrome. <i>JCI Insight</i> , 2016, 1, .	5.0	54
31	Development and validation of a simple lupus severity index using ACR criteria for classification of SLE. <i>Lupus Science and Medicine</i> , 2016, 3, e000136.	2.7	25
32	Brief Report: Patients With Primary Sjögren's Syndrome Who Are Positive for Autoantibodies to Tripartite Motif-Containing Protein 38 Show Greater Disease Severity. <i>Arthritis and Rheumatology</i> , 2016, 68, 724-729.	5.6	22
33	High-Density Genetic Mapping Identifies New Susceptibility Variants in Sarcoidosis Phenotypes and Shows Genomic-driven Phenotypic Differences. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 1008-1022.	5.6	68
34	Fine mapping of chromosome 15q25 implicates <i>ZNF592</i> in neurosarcoidosis patients. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 972-977.	3.7	17
35	Detrimental effects of duplicate reads and low complexity regions on RNA- and ChIP-seq data. <i>BMC Bioinformatics</i> , 2015, 16, S10.	2.6	19
36	dcVar: a method for identifying common variants that modulate differential correlation structures in gene expression data. <i>Frontiers in Genetics</i> , 2015, 6, 312.	2.3	5

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37	Identification of Immune-Relevant Factors Conferring Sarcoidosis Genetic Risk. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 727-736.	5.6	94
38	Role of NOD2 Pathway Genes in Sarcoidosis Cases with Clinical Characteristics of Blau Syndrome. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1133-1135.	5.6	18
39	Association of <i>HLA</i>-<i>DRB1</i> with Sarcoidosis Susceptibility and Progression in African Americans. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 206-216.	2.9	42
40	The IRF5–TNPO3 association with systemic lupus erythematosus has two components that other autoimmune disorders variably share. Human Molecular Genetics, 2015, 24, 582-596.	2.9	74
41	Practical Barriers and Ethical Challenges in Genetic Data Sharing. International Journal of Environmental Research and Public Health, 2014, 11, 8383-8398.	2.6	20
42	Inactivating Mutation in the Prostaglandin Transporter Gene, <i>SLCO2A1</i>, Associated with Familial Digital Clubbing, Colon Neoplasia, and NSAID Resistance. Cancer Prevention Research, 2014, 7, 805-812.	1.5	29
43	Comparison of the American-European Consensus Group Sj�grefen's syndrome classification criteria to newly proposed American College of Rheumatology criteria in a large, carefully characterised sicca cohort. Annals of the Rheumatic Diseases, 2014, 73, 31-38.	0.9	161
44	Disease Activity in Systemic Lupus Erythematosus Correlates With Expression of the Transcription Factor AT–Rich–Interactive Domain 3A. Arthritis and Rheumatology, 2014, 66, 3404-3412.	5.6	18
45	Performance of HLA allele prediction methods in African Americans for class II genes HLA-DRB1, –DQB1, and –DPB1. BMC Genetics, 2014, 15, 72.	2.7	24
46	Efficient Generalized Least Squares Method for Mixed Population and Family-based Samples in Genome-wide Association Studies. Genetic Epidemiology, 2014, 38, 430-438.	1.3	14
47	Admixture Fine-Mapping in African Americans Implicates XAF1 as a Possible Sarcoidosis Risk Gene. PLoS ONE, 2014, 9, e92646.	2.5	31
48	Encore: Genetic Association Interaction Network Centrality Pipeline and Application to SLE Exome Data. Genetic Epidemiology, 2013, 37, 614-621.	1.3	25
49	Variants at multiple loci implicated in both innate and adaptive immune responses are associated with Sj�grefen's syndrome. Nature Genetics, 2013, 45, 1284-1292.	21.4	427
50	Association of two independent functional risk haplotypes in <i>TNIP1</i> with systemic lupus erythematosus. Arthritis and Rheumatism, 2012, 64, 3695-3705.	6.7	69
51	Genetics of Sj�grefen–s syndrome in the genome-wide association era. Journal of Autoimmunity, 2012, 39, 57-63.	6.5	61
52	Genome-Wide Association Study of African and European Americans Implicates Multiple Shared and Ethnic Specific Loci in Sarcoidosis Susceptibility. PLoS ONE, 2012, 7, e43907.	2.5	105
53	Identification of IRF8, TMEM39A, and IKZF3-ZBP2 as Susceptibility Loci for Systemic Lupus Erythematosus in a Large-Scale Multiracial Replication Study. American Journal of Human Genetics, 2012, 90, 648-660.	6.2	161
54	The genomics of autoimmune disease in the era of genome-wide association studies and beyond. Autoimmunity Reviews, 2012, 11, 267-275.	5.8	58

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55	Estimating Allele Frequencies. <i>Methods in Molecular Biology</i> , 2012, 850, 59-76.	0.9	9
56	Identification of a Systemic Lupus Erythematosus Susceptibility Locus at 11p13 between PDHX and CD44 in a Multiethnic Study. <i>American Journal of Human Genetics</i> , 2011, 88, 83-91.	6.2	72
57	Genetics, Genomics, and Proteomics of Sjögren's Syndrome. , 2011, , 11-31.		2