

Joni L Rutter

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

4,633
citations

218381

26
h-index

253896

43
g-index

51
all docs

51
docs citations

51
times ranked

6871
citing authors

#	ARTICLE	IF	CITATIONS
1	The "All of Us" Research Program. <i>New England Journal of Medicine</i> , 2019, 381, 668-676.	13.9	955
2	Cholinergic nicotinic receptor genes implicated in a nicotine dependence association study targeting 348 candidate genes with 3713 SNPs. <i>Human Molecular Genetics</i> , 2007, 16, 36-49.	1.4	784
3	Novel genes identified in a high-density genome wide association study for nicotine dependence. <i>Human Molecular Genetics</i> , 2007, 16, 24-35.	1.4	596
4	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 427-443.	2.2	342
5	Isolation of genes from complex sources of mammalian genomic DNA using exon amplification. <i>Nature Genetics</i> , 1994, 6, 98-105.	9.4	291
6	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. <i>JAMA Network Open</i> , 2021, 4, e2116901.	2.8	179
7	Diversity and inclusion for the All of Us research program: A scoping review. <i>PLoS ONE</i> , 2020, 15, e0234962.	1.1	128
8	p53 Down-regulates Human Matrix Metalloproteinase-1 (Collagenase-1) Gene Expression. <i>Journal of Biological Chemistry</i> , 1999, 274, 11535-11540.	1.6	119
9	Cell-type specific regulation of human interstitial collagenase-1 gene expression by interleukin-1 β (IL-1 β) in human fibroblasts and BC-8701 breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 1997, 66, 322-336.	1.2	115
10	Frequent loss of chromosome 14 in atypical and malignant meningioma: identification of a putative 'tumor progression' locus. <i>Oncogene</i> , 1997, 14, 611-616.	2.6	109
11	Gene-environment interplay in common complex diseases: forging an integrative model—recommendations from an NIH workshop. <i>Genetic Epidemiology</i> , 2011, 35, 217-225.	0.6	95
12	A Novel Host/Tumor Cell Interaction Activates Matrix Metalloproteinase 1 and Mediates Invasion through Type I Collagen. <i>Journal of Biological Chemistry</i> , 1999, 274, 25371-25378.	1.6	91
13	Kin-cohort estimates for familial breast cancer risk in relation to variants in DNA base excision repair, BRCA1 interacting and growth factor genes. <i>BMC Cancer</i> , 2004, 4, 9.	1.1	73
14	An ontology-driven semantic mashup of gene and biological pathway information: Application to the domain of nicotine dependence. <i>Journal of Biomedical Informatics</i> , 2008, 41, 752-765.	2.5	65
15	Mutational analysis of the BRCA1-interacting genes ZNF350/ZBRK1 and BRIP1/BACH1 among BRCA1 and BRCA2-negative probands from breast-ovarian cancer families and among early-onset breast cancer cases and reference individuals. <i>Human Mutation</i> , 2003, 22, 121-128.	1.1	49
16	Candidate Single Nucleotide Polymorphism Selection using Publicly Available Tools: A Guide for Epidemiologists. <i>American Journal of Epidemiology</i> , 2006, 164, 794-804.	1.6	49
17	Measuring addiction propensity and severity: The need for a new instrument†. <i>Drug and Alcohol Dependence</i> , 2010, 111, 4-12.	1.6	41
18	A collaborative translational research framework for evaluating and implementing the appropriate use of human genome sequencing to improve health. <i>PLoS Medicine</i> , 2018, 15, e1002631.	3.9	40

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19	Efficiency of DNA pooling to estimate joint allele frequencies and measure linkage disequilibrium. <i>Genetic Epidemiology</i> , 2002, 22, 94-102.	0.6	39
20	Thyroid Nodules, Polymorphic Variants in DNA Repair and RET-Related Genes, and Interaction with Ionizing Radiation Exposure from Nuclear Tests in Kazakhstan. <i>Radiation Research</i> , 2009, 171, 77-88.	0.7	38
21	Symbiotic relationship of pharmacogenetics and drugs of abuse. <i>AAPS Journal</i> , 2006, 8, E174-E184.	2.2	35
22	Development of the Initial Surveys for the All of Us Research Program. <i>Epidemiology</i> , 2019, 30, 597-608.	1.2	35
23	Heterogeneity of risk for melanoma and pancreatic and digestive malignancies. <i>Cancer</i> , 2004, 101, 2809-2816.	2.0	33
24	Association of Early Aspirin Use With In-Hospital Mortality in Patients With Moderate COVID-19. <i>JAMA Network Open</i> , 2022, 5, e223890.	2.8	31
25	CDKN2A point mutations D153spl(c.457G>T) and IVS2+1G>T result in aberrant splice products affecting both p16INK4a and p14ARF. <i>Oncogene</i> , 2003, 22, 4444-4448.	2.6	29
26	The HER2 I655V Polymorphism and Breast Cancer Risk in Ashkenazim. <i>Epidemiology</i> , 2003, 14, 694-700.	1.2	27
27	Supplementing High-Density SNP Microarrays for Additional Coverage of Disease-Related Genes: Addiction as a Paradigm. <i>PLoS ONE</i> , 2009, 4, e5225.	1.1	27
28	Retinoid-Mediated Suppression of Tumor Invasion and Matrix Metalloproteinase Synthesis. <i>Annals of the New York Academy of Sciences</i> , 1999, 878, 466-486.	1.8	26
29	Cannabinoid Receptor-2 and HIV-Associated Neurocognitive Disorders. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 447-453.	2.1	26
30	Similar prevalence of founder BRCA1 and BRCA2 mutations among Ashkenazi and non-Ashkenazi men with breast cancer: Evidence from 261 cases in Israel, 1976-1999. <i>European Journal of Medical Genetics</i> , 2008, 51, 141-147.	0.7	20
31	Do Opioids Activate Latent HIV-1 by Down-Regulating Anti-HIV microRNAs?. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 519-523.	2.1	20
32	Posttranscriptional regulation of collagenase-1 gene expression in synoviocytes by adenosine receptor stimulation. <i>Arthritis and Rheumatism</i> , 1997, 40, 1772-1779.	6.7	19
33	Setting Priorities for Genomic Research. <i>Science</i> , 2004, 304, 1445c-1447c.	6.0	19
34	Genetic Research and Smoking Behavior. <i>JAMA - Journal of the American Medical Association</i> , 2007, 297, 809.	3.8	16
35	Human Metalloproteinase-1 (Collagenase-1) Is a Tumor Suppressor Protein p53 Target Gene. <i>Annals of the New York Academy of Sciences</i> , 1999, 878, 638-641.	1.8	14
36	Two approaches to mutation detection based on functional data. <i>Statistics in Medicine</i> , 2002, 21, 3447-3464.	0.8	13

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37	Identification and characterization of novel human transcripts embedded within HMGA2 in t(12;14)(q15;q24.1) uterine leiomyoma. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 602, 43-53.	0.4	10
38	Demonstrating an approach for evaluating synthetic geospatial and temporal epidemiologic data utility: results from analyzing >1.8 million SARS-CoV-2 tests in the United States National COVID Cohort Collaborative (N3C). Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1350-1365.	2.2	8
39	Cell-type specific regulation of human interstitial collagenase gene expression by interleukin-1 β (IL-1 β) in human fibroblasts and BC8701 breast cancer cells. Journal of Cellular Biochemistry, 1997, 66, 322-336.	1.2	5
40	Re-defining GAD67 CH3T ion: genomics and epigenomics on substance use disorders. Molecular Genetics & Genomic Medicine, 2014, 2, 273-279.	0.6	2
41	Emerging trends in the abuse of designer drugs and their catastrophic health effects: Update on chemistry, pharmacology, toxicology and addiction potential. Life Sciences, 2014, 97, 1.	2.0	1
42	The Nuts and Bolts of Gene Array Technology and its Application to Drug Abuse Research. Drug and Alcohol Dependence, 2007, 91, 102-106.	1.6	0
43	TRP channels, GPCRs, endolipids and natural products: A tetrad that makes sense. Life Sciences, 2013, 92, 393.	2.0	0
44	Symbiotic Relationship of Pharmacogenetics and Drugs of Abuse. , 2008, , 69-86.		0
45	The Genetics of Addiction: A Global Problem with Global Opportunities. , 2015, , 39-63.		0
46	Diversity and inclusion for the All of Us research program: A scoping review. , 2020, 15, e0234962.		0
47	Diversity and inclusion for the All of Us research program: A scoping review. , 2020, 15, e0234962.		0
48	Diversity and inclusion for the All of Us research program: A scoping review. , 2020, 15, e0234962.		0
49	Diversity and inclusion for the All of Us research program: A scoping review. , 2020, 15, e0234962.		0