

# George I Mias

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6741929/publications.pdf>

Version: 2024-02-01

45  
papers

2,112  
citations

623734

14  
h-index

377865

34  
g-index

65  
all docs

65  
docs citations

65  
times ranked

4074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired KDM2B-mediated PRC1 recruitment to chromatin causes defective neural stem cell self-renewal and ASD/ID-like behaviors. <i>IScience</i> , 2022, 25, 103742.	4.1	7
2	Temporal response characterization across individual multiomics profiles of prediabetic and diabetic subjects. <i>Scientific Reports</i> , 2022, 12, .	3.3	6
3	Longitudinal saliva omics responses to immune perturbation: a case study. <i>Scientific Reports</i> , 2021, 11, 710.	3.3	19
4	Visibility graph based temporal community detection with applications in biological time series. <i>Scientific Reports</i> , 2021, 11, 5623.	3.3	14
5	Loss of histone methyltransferase ASH1L in the developing mouse brain causes autistic-like behaviors. <i>Communications Biology</i> , 2021, 4, 756.	4.4	19
6	Histone H3K36me2-Specific Methyltransferase ASH1L Promotes MLL-AF9-Induced Leukemogenesis. <i>Frontiers in Oncology</i> , 2021, 11, 754093.	2.8	3
7	The MathOmics Toolbox: General Analysis Utilities for Dynamic Omics Datasets. <i>Current Protocols in Bioinformatics</i> , 2020, 69, e91.	25.8	4
8	Characterizing Extracellular Vesicles and Their Diverse RNA Contents. <i>Frontiers in Genetics</i> , 2020, 11, 700.	2.3	150
9	Cell Signaling Coordinates Global PRC2 Recruitment and Developmental Gene Expression in Murine Embryonic Stem Cells. <i>IScience</i> , 2020, 23, 101646.	4.1	10
10	PyLOmics: longitudinal omics analysis and trend identification. <i>Bioinformatics</i> , 2020, 36, 2306-2307.	4.1	12
11	ANOVA-HD: Analysis of variance when both input and output layers are high-dimensional. <i>PLoS ONE</i> , 2020, 15, e0243251.	2.5	2
12	Multi-study reanalysis of 2,213 acute myeloid leukemia patients reveals age- and sex-dependent gene expression signatures. <i>Scientific Reports</i> , 2019, 9, 12413.	3.3	11
13	Data-Driven Analysis of Age, Sex, and Tissue Effects on Gene Expression Variability in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 392.	2.8	22
14	Gene expression microarray public dataset reanalysis in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2019, 14, e0224750.	2.5	4
15	Microarray Gene Expression Dataset Re-analysis Reveals Variability in Influenza Infection and Vaccination. <i>Frontiers in Immunology</i> , 2019, 10, 2616.	4.8	24
16	Distinct transcriptomic and exomic abnormalities within myelodysplastic syndrome marrow cells. <i>Leukemia and Lymphoma</i> , 2018, 59, 2952-2962.	1.3	16
17	<i>Streptococcus pneumoniae</i> ™s Virulence and Host Immunity: Aging, Diagnostics, and Prevention. <i>Frontiers in Immunology</i> , 2018, 9, 1366.	4.8	164
18	Mathematica for Bioinformatics. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
19	Databases: E-Utilities and UCSC Genome Browser. , 2018, , 133-170.		7
20	Prolog: Bioinformatics with the Wolfram Language. , 2018, , 1-6.		1
21	Genomic Sequence Data and BLAST. , 2018, , 171-192.		0
22	A Wolfram Language Primer for Bioinformaticians. , 2018, , 7-65.		0
23	Proteomic Data. , 2018, , 227-250.		0
24	Graphs and Networks. , 2018, , 297-328.		0
25	Metabolomics Example. , 2018, , 251-282.		0
26	Epilog: Bioinformatics Development with Mathematica. , 2018, , 375-380.		0
27	MathOmicaâ€MSViewer: a dynamic viewer for mass spectrometry files for Mathematica. Journal of Mass Spectrometry, 2017, 52, 315-318.	1.6	2
28	0416 Integrating dynamic omics responses for universal personalized medicine. Journal of Animal Science, 2016, 94, 201-201.	0.5	0
29	S0105 Integrating dynamic omics responses for universal personalized medicine. Journal of Animal Science, 2016, 94, 4-4.	0.5	0
30	MathOmica: An Integrative Platform for Dynamic Omics. Scientific Reports, 2016, 6, 37237.	3.3	35
31	Metabolome progression during early gut microbial colonization of gnotobiotic mice. Scientific Reports, 2015, 5, 11589.	3.3	29
32	Metadata Checklist for the Integrated Personal OMICS Study: Proteomics and Metabolomics Experiments. OMICS A Journal of Integrative Biology, 2014, 18, 81-85.	2.0	14
33	Toward More Transparent and Reproducible Omics Studies Through a Common Metadata Checklist and Data Publications. OMICS A Journal of Integrative Biology, 2014, 18, 10-14.	2.0	54
34	Transcriptomic Evaluation of CD34+ Marrow Cells from Myelodysplastic Syndrome (MDS) Patients. Blood, 2014, 124, 1894-1894.	1.4	5
35	A Chromosome-centric Human Proteome Project (C-HPP) to Characterize the Sets of Proteins Encoded in Chromosome 17. Journal of Proteome Research, 2013, 12, 45-57.	3.7	35
36	Personal genomes, quantitative dynamic omics and personalized medicine. Quantitative Biology, 2013, 1, 71-90.	0.5	29

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37	Whole-exome sequencing identifies tetratricopeptide repeat domain 7A ( TTC7A ) mutations for combined immunodeficiency with intestinal atresias. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 656-664.e17.	2.9	140
38	Multimodal Dynamic Profiling of Healthy and Diseased States for Future Personalized Health Care. <i>Clinical Pharmacology and Therapeutics</i> , 2013, 93, 29-32.	4.7	7
39	Toward More Transparent and Reproducible Omics Studies Through a Common Metadata Checklist and Data Publications. <i>Big Data</i> , 2013, 1, 196-201.	3.4	5
40	Specific Plasma Autoantibody Reactivity in Myelodysplastic Syndromes. <i>Scientific Reports</i> , 2013, 3, 3311.	3.3	8
41	Metadata Checklist for the Integrated Personal Omics Study: <i>Proteomics and Metabolomics Experiments</i>. <i>Big Data</i> , 2013, 1, 202-206.	3.4	8
42	Integrative Analysis of Longitudinal Metabolomics Data from a Personal Multi-Omics Profile. <i>Metabolites</i> , 2013, 3, 741-760.	2.9	56
43	Personal Omics Profiling Reveals Dynamic Molecular and Medical Phenotypes. <i>Cell</i> , 2012, 148, 1293-1307.	28.9	1,134
44	Quantum noise, scaling, and domain formation in a spinor Bose-Einstein condensate. <i>Physical Review A</i> , 2008, 77, .	2.5	37
45	Absence of domain wall roughening in a transverse-field Ising model with long-range interactions. <i>Physical Review B</i> , 2005, 72, .	3.2	6