

# Morris A Swertz

## List of Publications by Year in descending order

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158  
papers

33,284  
citations

25034

57  
h-index

6471

157  
g-index

181  
all docs

181  
docs citations

181  
times ranked

58004  
citing authors

#	ARTICLE	IF	CITATIONS
1	The FAIR Guiding Principles for scientific data management and stewardship. <i>Scientific Data</i> , 2016, 3, 160018.	5.3	8,670
2	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
3	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016, 48, 1279-1283.	21.4	2,421
4	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
5	Population-based metagenomics analysis reveals markers for gut microbiome composition and diversity. <i>Science</i> , 2016, 352, 565-569.	12.6	1,398
6	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
7	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
8	The effect of host genetics on the gut microbiome. <i>Nature Genetics</i> , 2016, 48, 1407-1412.	21.4	672
9	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	21.4	590
10	Cohort Profile: LifeLines, a three-generation cohort study and biobank. <i>International Journal of Epidemiology</i> , 2015, 44, 1172-1180.	1.9	578
11	The prevalence of metabolic syndrome and metabolically healthy obesity in Europe: a collaborative analysis of ten large cohort studies. <i>BMC Endocrine Disorders</i> , 2014, 14, 9.	2.2	440
12	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017, 49, 131-138.	21.4	390
13	Genome-wide patterns and properties of de novo mutations in humans. <i>Nature Genetics</i> , 2015, 47, 822-826.	21.4	384
14	Host and Environmental Factors Influencing Individual Human Cytokine Responses. <i>Cell</i> , 2016, 167, 1111-1124.e13.	28.9	364
15	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017, 49, 139-145.	21.4	363
16	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	8.4	341
17	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
18	PeakML/mzMatch: A File Format, Java Library, R Library, and Tool-Chain for Mass Spectrometry Data Analysis. <i>Analytical Chemistry</i> , 2011, 83, 2786-2793.	6.5	305

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19	Single-cell RNA sequencing identifies celltype-specific cis-eQTLs and co-expression QTLs. <i>Nature Genetics</i> , 2018, 50, 493-497.	21.4	289
20	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
21	A Functional Genomics Approach to Understand Variation in Cytokine Production in Humans. <i>Cell</i> , 2016, 167, 1099-1110.e14.	28.9	275
22	The Genome of the Netherlands: design, and project goals. <i>European Journal of Human Genetics</i> , 2014, 22, 221-227.	2.8	246
23	Environmental factors shaping the gut microbiome in a Dutch population. <i>Nature</i> , 2022, 604, 732-739.	27.8	239
24	Mutation update on the CHD7 gene involved in CHARGE syndrome. <i>Human Mutation</i> , 2012, 33, 1149-1160.	2.5	224
25	Cohort profile: LifeLines DEEP, a prospective, general population cohort study in the northern Netherlands: study design and baseline characteristics. <i>BMJ Open</i> , 2015, 5, e006772.	1.9	207
26	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
27	Differential Effects of Environmental and Genetic Factors on T and B Cell Immune Traits. <i>Cell Reports</i> , 2016, 17, 2474-2487.	6.4	154
28	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017, 101, 888-902.	6.2	154
29	Inter-individual variability and genetic influences on cytokine responses to bacteria and fungi. <i>Nature Medicine</i> , 2016, 22, 952-960.	30.7	148
30	Effect of host genetics on the gut microbiome in 7,738 participants of the Dutch Microbiome Project. <i>Nature Genetics</i> , 2022, 54, 143-151.	21.4	132
31	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017, 70, .	2.7	123
32	Genotype harmonizer: automatic strand alignment and format conversion for genotype data integration. <i>BMC Research Notes</i> , 2014, 7, 901.	1.4	122
33	Mutations in potassium channel <i>KCNK3</i> cause spinocerebellar ataxia type 19. <i>Annals of Neurology</i> , 2012, 72, 870-880.	5.3	121
34	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016, 17, 191.	8.8	120
35	New workflow for classification of genetic variants' pathogenicity applied to hereditary recurrent fevers by the International Study Group for Systemic Autoinflammatory Diseases (INSAID). <i>Journal of Medical Genetics</i> , 2018, 55, 530-537.	3.2	117
36	Improving Phenotypic Prediction by Combining Genetic and Epigenetic Associations. <i>American Journal of Human Genetics</i> , 2015, 97, 75-85.	6.2	116

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37	Characteristics of de novo structural changes in the human genome. <i>Genome Research</i> , 2015, 25, 792-801.	5.5	115
38	Improving the diagnostic yield of exome-sequencing by predicting gene-phenotype associations using large-scale gene expression analysis. <i>Nature Communications</i> , 2019, 10, 2837.	12.8	107
39	The MOLGENIS toolkit: rapid prototyping of biosoftware at the push of a button. <i>BMC Bioinformatics</i> , 2010, 11, S12.	2.6	102
40	A high-quality human reference panel reveals the complexity and distribution of genomic structural variants. <i>Nature Communications</i> , 2016, 7, 12989.	12.8	99
41	Rapid Targeted Genomics in Critically Ill Newborns. <i>Pediatrics</i> , 2017, 140, .	2.1	99
42	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017, 7, 45040.	3.3	98
43	Improved imputation quality of low-frequency and rare variants in European samples using the "Genome of The Netherlands"™. <i>European Journal of Human Genetics</i> , 2014, 22, 1321-1326.	2.8	92
44	Calling genotypes from public RNA-sequencing data enables identification of genetic variants that affect gene-expression levels. <i>Genome Medicine</i> , 2015, 7, 30.	8.2	91
45	Diagnostic interpretation of array data using public databases and internet sources. <i>Human Mutation</i> , 2012, 33, 930-940.	2.5	87
46	Complex nature of SNP genotype effects on gene expression in primary human leucocytes. <i>BMC Medical Genomics</i> , 2009, 2, 1.	1.5	86
47	Population-specific genotype imputations using minimac or IMPUTE2. <i>Nature Protocols</i> , 2015, 10, 1285-1296.	12.0	84
48	Transmission of human mtDNA heteroplasmy in the Genome of the Netherlands families: support for a variable-size bottleneck. <i>Genome Research</i> , 2016, 26, 417-426.	5.5	84
49	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84
50	The LifeCycle Project-EU Child Cohort Network: a federated analysis infrastructure and harmonized data of more than 250,000 children and parents. <i>European Journal of Epidemiology</i> , 2020, 35, 709-724.	5.7	81
51	CoNVaDING: Single Exon Variation Detection in Targeted NGS Data. <i>Human Mutation</i> , 2016, 37, 457-464.	2.5	79
52	The ARVD/C Genetic Variants Database: 2014 Update. <i>Human Mutation</i> , 2015, 36, 403-410.	2.5	77
53	The international dystrophic epidermolysis bullosa patient registry: An online database of dystrophic epidermolysis bullosa patients and their COL7A1 mutations. <i>Human Mutation</i> , 2011, 32, 1100-1107.	2.5	74
54	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74

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55	Neurodegenerative diseases: Lessons from genome-wide screens in small model organisms. <i>EMBO Molecular Medicine</i> , 2009, 1, 360-370.	6.9	72
56	Leveraging European infrastructures to access 1 million human genomes by 2022. <i>Nature Reviews Genetics</i> , 2019, 20, 693-701.	16.3	69
57	BBMRI-ERIC Directory: 515 Biobanks with Over 60 Million Biological Samples. <i>Biopreservation and Biobanking</i> , 2016, 14, 559-562.	1.0	68
58	The 1000IBD project: multi-omics data of 1000 inflammatory bowel disease patients; data release 1. <i>BMC Gastroenterology</i> , 2019, 19, 5.	2.0	68
59	Missing heritability: is the gap closing? An analysis of 32 complex traits in the Lifelines Cohort Study. <i>European Journal of Human Genetics</i> , 2017, 25, 877-885.	2.8	67
60	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. <i>Nature Genetics</i> , 2016, 48, 1303-1312.	21.4	66
61	Toward Global Biobank Integration by Implementation of the Minimum Information About Biobank Data Sharing (MIABIS 2.0 Core). <i>Biopreservation and Biobanking</i> , 2016, 14, 298-306.	1.0	66
62	Whole-exome sequencing is a powerful approach for establishing the etiological diagnosis in patients with intellectual disability and microcephaly. <i>BMC Medical Genomics</i> , 2015, 9, 7.	1.5	65
63	Refined mapping of autoimmune disease associated genetic variants with gene expression suggests an important role for non-coding RNAs. <i>Journal of Autoimmunity</i> , 2016, 68, 62-74.	6.5	64
64	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017, 8, 744.	12.8	64
65	Deleterious Alleles in the Human Genome Are on Average Younger Than Neutral Alleles of the Same Frequency. <i>PLoS Genetics</i> , 2013, 9, e1003301.	3.5	63
66	Understanding human immune function using the resources from the Human Functional Genomics Project. <i>Nature Medicine</i> , 2016, 22, 831-833.	30.7	63
67	An Overview and Online Registry of Microvillus Inclusion Disease Patients and their MYO5B Mutations. <i>Human Mutation</i> , 2013, 34, 1597-1605.	2.5	62
68	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019, 10, 5121.	12.8	62
69	MOLGENIS research: advanced bioinformatics data software for non-bioinformaticians. <i>Bioinformatics</i> , 2019, 35, 1076-1078.	4.1	58
70	Interoperability and FAIRness through a novel combination of Web technologies. <i>PeerJ Computer Science</i> , 0, 3, e110.	4.5	58
71	Beyond standardization: dynamic software infrastructures for systems biology. <i>Nature Reviews Genetics</i> , 2007, 8, 235-243.	16.3	55
72	Global Genetic Robustness of the Alternative Splicing Machinery in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2010, 186, 405-410.	2.9	55

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73	RNA Sequencing Analysis of Intracranial Aneurysm Walls Reveals Involvement of Lysosomes and Immunoglobulins in Rupture. <i>Stroke</i> , 2016, 47, 1286-1293.	2.0	55
74	GAVIN: Gene-Aware Variant Interpretation for medical sequencing. <i>Genome Biology</i> , 2017, 18, 6.	8.8	55
75	Metabolic Age Based on the BBMRI-NL <sup>1</sup> H-NMR Metabolomics Repository as Biomarker of Age-related Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 541-547.	3.6	50
76	Lifelines COVID-19 cohort: investigating COVID-19 infection and its health and societal impacts in a Dutch population-based cohort. <i>BMJ Open</i> , 2021, 11, e044474.	1.9	49
77	Solve-RD: systematic pan-European data sharing and collaborative analysis to solve rare diseases. <i>European Journal of Human Genetics</i> , 2021, 29, 1325-1331.	2.8	49
78	<i>MYO5B</i> , <i>STX3</i> , and <i>STXBP2</i> mutations reveal a common disease mechanism that unifies a subset of congenital diarrheal disorders: A mutation update. <i>Human Mutation</i> , 2018, 39, 333-344.	2.5	48
79	Epigenome-wide Association Study of Attention-Deficit/Hyperactivity Disorder Symptoms in Adults. <i>Biological Psychiatry</i> , 2019, 86, 599-607.	1.3	47
80	Genome of the Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. <i>Nature Communications</i> , 2015, 6, 6065.	12.8	45
81	Lack of Association Between Genetic Variants at ACE2 and TMPRSS2 Genes Involved in SARS-CoV-2 Infection and Human Quantitative Phenotypes. <i>Frontiers in Genetics</i> , 2020, 11, 613.	2.3	45
82	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	5.2	42
83	Evaluation of CADD Scores in Curated Mismatch Repair Gene Variants Yields a Model for Clinical Validation and Prioritization. <i>Human Mutation</i> , 2015, 36, 712-719.	2.5	39
84	Deconvolution of bulk blood eQTL effects into immune cell subpopulations. <i>BMC Bioinformatics</i> , 2020, 21, 243.	2.6	38
85	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS. <i>Science Translational Medicine</i> , 2022, 14, eabj0264.	12.4	38
86	Meta-analysis of 49â€¦549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in <i>ANGPTL4</i> determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016, 53, 441-449.	3.2	34
87	WormQTLâ€™ public archive and analysis web portal for natural variation data in <i>Caenorhabditis</i> spp. <i>Nucleic Acids Research</i> , 2012, 41, D738-D743.	14.5	33
88	Fine mapping of the celiac disease-associated LPP locus reveals a potential functional variant. <i>Human Molecular Genetics</i> , 2014, 23, 2481-2489.	2.9	32
89	Lessons Learned from Whole Exome Sequencing in Multiplex Families Affected by a Complex Genetic Disorder, Intracranial Aneurysm. <i>PLoS ONE</i> , 2015, 10, e0121104.	2.5	32
90	Dutch genome diagnostic laboratories accelerated and improved variant interpretation and increased accuracy by sharing data. <i>Human Mutation</i> , 2019, 40, 2230-2238.	2.5	32

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91	Running wheel activity delays mitochondrial respiratory flux decline in aging mouse muscle via a post-transcriptional mechanism. <i>Aging Cell</i> , 2018, 17, e12700.	6.7	31
92	The phenotypic spectrum of proximal 6q deletions based on a large cohort derived from social media and literature reports. <i>European Journal of Human Genetics</i> , 2018, 26, 1478-1489.	2.8	31
93	The Data Use Ontology to streamline responsible access to human biomedical datasets. <i>Cell Genomics</i> , 2021, 1, 100028.	6.5	31
94	MetaNetwork: a computational protocol for the genetic study of metabolic networks. <i>Nature Protocols</i> , 2007, 2, 685-694.	12.0	30
95	OntoCAT -- simple ontology search and integration in Java, R and REST/JavaScript. <i>BMC Bioinformatics</i> , 2011, 12, 218.	2.6	30
96	CAPICE: a computational method for Consequence-Agnostic Pathogenicity Interpretation of Clinical Exome variations. <i>Genome Medicine</i> , 2020, 12, 75.	8.2	30
97	From Inception to ConcePTION: Genesis of a Network to Support Better Monitoring and Communication of Medication Safety During Pregnancy and Breastfeeding. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 321-331.	4.7	30
98	SORTA: a system for ontology-based re-coding and technical annotation of biomedical phenotype data. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav089.	3.0	26
99	Association analysis of copy numbers of FC-gamma receptor genes for rheumatoid arthritis and other immune-mediated phenotypes. <i>European Journal of Human Genetics</i> , 2016, 24, 263-270.	2.8	25
100	reGenotyper: Detecting mislabeled samples in genetic data. <i>PLoS ONE</i> , 2017, 12, e0171324.	2.5	25
101	BiobankConnect: software to rapidly connect data elements for pooled analysis across biobanks using ontological and lexical indexing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 65-75.	4.4	24
102	The EU Child Cohort Network's core data: establishing a set of findable, accessible, interoperable and re-usable (FAIR) variables. <i>European Journal of Epidemiology</i> , 2021, 36, 565-580.	5.7	24
103	Advancing tools for human early lifecourse exposome research and translation (ATHLETE). <i>Environmental Epidemiology</i> , 2021, 5, e166.	3.0	24
104	Molecular Genetics Information System (MOLGENIS): alternatives in developing local experimental genomics databases. <i>Bioinformatics</i> , 2004, 20, 2075-2083.	4.1	23
105	Solutions for data integration in functional genomics: a critical assessment and case study. <i>Briefings in Bioinformatics</i> , 2008, 9, 532-544.	6.5	23
106	Cafe Variome: General-Purpose Software for Making Genotype-Phenotype Data Discoverable in Restricted or Open Access Contexts. <i>Human Mutation</i> , 2015, 36, 957-964.	2.5	23
107	RNA-Sequencing Highlights Inflammation and Impaired Integrity of the Vascular Wall in Brain Arteriovenous Malformations. <i>Stroke</i> , 2020, 51, 268-274.	2.0	22
108	Associations of early-life pet ownership with asthma and allergic sensitization: A meta-analysis of more than 77,000 children from the EU Child Cohort Network. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 82-92.	2.9	21

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109	XCAP: a uniform and extensible data model and software platform for genotype and phenotype experiments. <i>Genome Biology</i> , 2010, 11, R27.	9.6	20
110	WormQTLHD—a web database for linking human disease to natural variation data in <i>C. elegans</i> . <i>Nucleic Acids Research</i> , 2014, 42, D794-D801.	14.5	20
111	Estimation of Genetic Relationships Between Individuals Across Cohorts and Platforms: Application to Childhood Height. <i>Behavior Genetics</i> , 2015, 45, 514-528.	2.1	20
112	Modifiers of mutant huntingtin aggregation functional conservation of <i>C. elegans</i> -modifiers of polyglutamine aggregation. <i>PLOS Currents</i> , 2011, 3, RRN1255.	1.4	20
113	Observ-OM and Observ-TAB: Universal syntax solutions for the integration, search, and exchange of phenotype and genotype information. <i>Human Mutation</i> , 2012, 33, 867-873.	2.5	18
114	VarioML framework for comprehensive variation data representation and exchange. <i>BMC Bioinformatics</i> , 2012, 13, 254.	2.6	17
115	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125.	7.9	17
116	BBMRI-ERIC™s contributions to research and knowledge exchange on COVID-19. <i>European Journal of Human Genetics</i> , 2020, 28, 728-731.	2.8	17
117	xQTL workbench: a scalable web environment for multi-level QTL analysis. <i>Bioinformatics</i> , 2012, 28, 1042-1044.	4.1	16
118	State-of-the-Art and Future Challenges in the Integration of Biobank Catalogues. <i>Lecture Notes in Computer Science</i> , 2015, , 261-273.	1.3	16
119	Novel Algorithms for Improved Sensitivity in Non-Invasive Prenatal Testing. <i>Scientific Reports</i> , 2017, 7, 1838.	3.3	14
120	Refining Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder Genetic Loci by Integrating Summary Data From Genome-wide Association, Gene Expression, and DNA Methylation Studies. <i>Biological Psychiatry</i> , 2020, 88, 470-479.	1.3	14
121	Combining microarrays and genetic analysis. <i>Briefings in Bioinformatics</i> , 2005, 6, 135-145.	6.5	12
122	MOLGENIS/connect: a system for semi-automatic integration of heterogeneous phenotype data with applications in biobanks. <i>Bioinformatics</i> , 2016, 32, 2176-2183.	4.1	12
123	Bioinformatics tools and database resources for systems genetics analysis in mice—a short review and an evaluation of future needs. <i>Briefings in Bioinformatics</i> , 2012, 13, 135-142.	6.5	11
124	Worm variation made accessible. <i>Worm</i> , 2014, 3, e28357.	1.0	11
125	Semantic modelling of common data elements for rare disease registries, and a prototype workflow for their deployment over registry data. <i>Journal of Biomedical Semantics</i> , 2022, 13, 9.	1.6	11
126	designGG: an R-package and web tool for the optimal design of genetical genomics experiments. <i>BMC Bioinformatics</i> , 2009, 10, 188.	2.6	10



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127	Consensus and conflict cards for metabolic pathway databases. <i>BMC Systems Biology</i> , 2013, 7, 50.	3.0	10
128	NIPTRIC: an online tool for clinical interpretation of non-invasive prenatal testing (NIPT) results. <i>Scientific Reports</i> , 2016, 6, 38359.	3.3	10
129	ontoCAT: an R package for ontology traversal and search. <i>Bioinformatics</i> , 2011, 27, 2468-2470.	4.1	9
130	Occupational exposure to gases/fumes and mineral dust affect DNA methylation levels of genes regulating expression. <i>Human Molecular Genetics</i> , 2019, 28, 2477-2485.	2.9	9
131	Fine mapping the CETP region reveals a common intronic insertion associated to HDL-C. <i>Npj Aging and Mechanisms of Disease</i> , 2015, 1, 15011.	4.5	8
132	Molgenis-impute: imputation pipeline in a box. <i>BMC Research Notes</i> , 2015, 8, 359.	1.4	8
133	Implementing Individually Tailored Prescription of Physical Activity in Routine Clinical Care: Protocol of the Physicians Implement Exercise = Medicine (PIE=M) Development and Implementation Project. <i>JMIR Research Protocols</i> , 2020, 9, e19397.	1.0	8
134	IRF7 and RNH1 are modifying factors of HIV-1 reservoirs: a genome-wide association analysis. <i>BMC Medicine</i> , 2021, 19, 282.	5.5	8
135	FAIR Genomes metadata schema promoting Next Generation Sequencing data reuse in Dutch healthcare and research. <i>Scientific Data</i> , 2022, 9, 169.	5.3	8
136	NIPTeR: an R package for fast and accurate trisomy prediction in non-invasive prenatal testing. <i>BMC Bioinformatics</i> , 2018, 19, 531.	2.6	7
137	The Interaction of Genetic Predisposition and Socioeconomic Position With Type 2 Diabetes Mellitus: Cross-Sectional and Longitudinal Analyses From the Lifelines Cohort and Biobank Study. <i>Psychosomatic Medicine</i> , 2018, 80, 252-262.	2.0	6
138	Strategies in Rapid Genetic Diagnostics of Critically Ill Children: Experiences From a Dutch University Hospital. <i>Frontiers in Pediatrics</i> , 2021, 9, 600556.	1.9	6
139	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases. <i>Environmental Epidemiology</i> , 2022, 6, e184.	3.0	6
140	Gene Mosaicism Screening Using Single-Molecule Molecular Inversion Probes in Routine Diagnostics for Systemic Autoinflammatory Diseases. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 943-950.	2.8	5
141	The ELIXIR Human Copy Number Variations Community: building bioinformatics infrastructure for research. <i>F1000Research</i> , 2020, 9, 1229.	1.6	5
142	Towards a MOLGENIS Based Computational Framework. , 2011, , .		4
143	Feasibility of predicting allele specific expression from DNA sequencing using machine learning. <i>Scientific Reports</i> , 2021, 11, 10606.	3.3	4
144	Towards the integration of mouse databases - definition and implementation of solutions to two use-cases in mouse functional genomics. <i>BMC Research Notes</i> , 2010, 3, 16.	1.4	3

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145	Mouse Resource Browser—a database of mouse databases. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq010-baq010.	3.0	3
146	PyPedia: using the wiki paradigm as crowd sourcing environment for bioinformatics protocols. Source Code for Biology and Medicine, 2015, 10, 14.	1.7	3
147	Target and (Astro-)WISE technologies Data federations and its applications. Proceedings of the International Astronomical Union, 2016, 12, 333-340.	0.0	3
148	BiobankUniverse: automatic matchmaking between datasets for biobank data discovery and integration. Bioinformatics, 2017, 33, 3627-3634.	4.1	3
149	A pipeline-friendly software tool for genome diagnostics to prioritize genes by matching patient symptoms to literature. Genetics & Genomics Next, 2020, 1, e10023.	1.5	3
150	Meta-GWAS and Meta-Analysis of Exome Array Studies Do Not Reveal Genetic Determinants of Serum Hepcidin. PLoS ONE, 2016, 11, e0166628.	2.5	2
151	Road to FAIR genomes: a gap analysis of NGS data generation and sharing in the Netherlands. BMJ Open Science, 2022, 6, e100268.	1.7	2
152	Towards dynamic database infrastructures for mouse genetics. , 2008, , .		1
153	The Hybrid Synthetic Microdata Platform: A Method for Statistical Disclosure Control. Biopreservation and Biobanking, 2015, 13, 178-182.	1.0	1
154	Creating Transparent and Reproducible Pipelines: Best Practices for Tools, Data, and Workflow Management Systems. , 2018, , 15-43.		1
155	OntoCAT “ a simpler way to access ontology resources. Nature Precedings, 0, , .	0.1	1
156	Next-Gen Databasing Links Mutations with Prognosis and Clinical Outcome. Human Mutation, 2010, 31, v-v.	2.5	0
157	OntoCAT - an integrated programming toolkit for common ontology application tasks. Nature Precedings, 2011, , .	0.1	0
158	FAIRification of data: Great but how?. ISEE Conference Abstracts, 2021, 2021, .	0.0	0