

# Dominique Gauguier

## List of Publications by Year in descending order

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145  
papers

13,532  
citations

34016

52  
h-index

23472

111  
g-index

153  
all docs

153  
docs citations

153  
times ranked

19961  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive 1000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.	9.4	2,054
2	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.	9.4	1,439
3	Metabolic profiling reveals a contribution of gut microbiota to fatty liver phenotype in insulin-resistant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12511-12516.	3.3	948
4	Statistical Total Correlation Spectroscopy: An Exploratory Approach for Latent Biomarker Identification from Metabolic 1H NMR Data Sets. <i>Analytical Chemistry</i> , 2005, 77, 1282-1289.	3.2	833
5	Genome-wide genetic association of complex traits in heterogeneous stock mice. <i>Nature Genetics</i> , 2006, 38, 879-887.	9.4	508
6	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , 2015, 526, 112-117.	13.7	483
7	Aryl hydrocarbon receptor nuclear translocator-like (BMAL1) is associated with susceptibility to hypertension and type 2 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14412-14417.	3.3	346
8	Chromosomal mapping of genetic loci associated with non-insulin dependent diabetes in the GK rat. <i>Nature Genetics</i> , 1996, 12, 38-43.	9.4	296
9	Progress and prospects in rat genetics: a community view. <i>Nature Genetics</i> , 2008, 40, 516-522.	9.4	265
10	Global microRNA expression profiles in insulin target tissues in a spontaneous rat model of type 2 diabetes. <i>Diabetologia</i> , 2010, 53, 1099-1109.	2.9	261
11	Sensitivity to cerebral ischaemic insult in a rat model of stroke is determined by a single genetic locus. <i>Nature Genetics</i> , 1997, 16, 364-367.	9.4	204
12	Combined sequence-based and genetic mapping analysis of complex traits in outbred rats. <i>Nature Genetics</i> , 2013, 45, 767-775.	9.4	176
13	SNP and haplotype mapping for genetic analysis in the rat. <i>Nature Genetics</i> , 2008, 40, 560-566.	9.4	172
14	Pancreatic Ectopic Fat Is Characterized by Adipocyte Infiltration and Altered Lipid Composition. <i>Obesity</i> , 2008, 16, 522-530.	1.5	169
15	Genetic and Environmental Effects on Complex Traits in Mice. <i>Genetics</i> , 2006, 174, 959-984.	1.2	161
16	A Linkage Map of the Rat Genome Derived from Three F <sub>2</sub> Crosses. <i>Genome Research</i> , 1997, 7, 434-440.	2.4	158
17	Genome Sequencing Reveals Loci under Artificial Selection that Underlie Disease Phenotypes in the Laboratory Rat. <i>Cell</i> , 2013, 154, 691-703.	13.5	154
18	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019, 73, 58-66.	1.2	147

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19	Mapping of quantitative trait loci for blood pressure and cardiac mass in the rat by genome scanning of recombinant inbred strains.. <i>Journal of Clinical Investigation</i> , 1995, 96, 1973-1978.	3.9	146
20	Direct quantitative trait locus mapping of mammalian metabolic phenotypes in diabetic and normoglycemic rat models. <i>Nature Genetics</i> , 2007, 39, 666-672.	9.4	140
21	Genetic Influences on the End-Stage Effector Phase of Arthritis. <i>Journal of Experimental Medicine</i> , 2001, 194, 321-330.	4.2	134
22	Metabolic retroconversion of trimethylamine N-oxide and the gut microbiota. <i>Microbiome</i> , 2018, 6, 73.	4.9	127
23	Implication of gut microbiota metabolites in cardiovascular and metabolic diseases. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3977-3990.	2.4	127
24	The Gene INPPL1, Encoding the Lipid Phosphatase SHIP2, Is a Candidate for Type 2 Diabetes In Rat and Man. <i>Diabetes</i> , 2002, 51, 2012-2017.	0.3	122
25	Initial steps of insulin signaling and glucose transport are defective in the type 2 diabetic rat heart. <i>Cardiovascular Research</i> , 2004, 61, 288-296.	1.8	112
26	A genetic linkage map of the rat derived from recombinant inbred strains. <i>Mammalian Genome</i> , 1996, 7, 117-127.	1.0	108
27	Subtle metabolic and liver gene transcriptional changes underlie diet-induced fatty liver susceptibility in insulin-resistant mice. <i>Diabetologia</i> , 2007, 50, 1867-1879.	2.9	108
28	MicroRNA-125a is over-expressed in insulin target tissues in a spontaneous rat model of Type 2 Diabetes. <i>BMC Medical Genomics</i> , 2009, 2, 54.	0.7	105
29	Microbiome and metabolome features of the cardiometabolic disease spectrum. <i>Nature Medicine</i> , 2022, 28, 303-314.	15.2	102
30	A protocol for high-throughput phenotyping, suitable for quantitative trait analysis in mice. <i>Mammalian Genome</i> , 2006, 17, 129-146.	1.0	99
31	A major quantitative trait locus influences hyperactivity in the WKHA rat. <i>Nature Genetics</i> , 1996, 14, 471-473.	9.4	95
32	Polymorphisms in Type II SH2 Domain-Containing Inositol 5-Phosphatase (INPPL1, SHIP2) Are Associated With Physiological Abnormalities of the Metabolic Syndrome. <i>Diabetes</i> , 2004, 53, 1900-1904.	0.3	91
33	Phylometabonomic Patterns of Adaptation to High Fat Diet Feeding in Inbred Mice. <i>PLoS ONE</i> , 2008, 3, e1668.	1.1	91
34	Construction and Characterization of a 10-fold Genome Equivalent Rat P1-Derived Artificial Chromosome Library. <i>Genomics</i> , 1998, 50, 306-316.	1.3	78
35	Missense Mutation in Sterile $\hat{\pm}$ Motif of Novel Protein SamCystin is Associated with Polycystic Kidney Disease in (cy/+) Rat. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 3517-3526.	3.0	78
36	Microbial-Host Co-metabolites Are Prodromal Markers Predicting Phenotypic Heterogeneity in Behavior, Obesity, and Impaired Glucose Tolerance. <i>Cell Reports</i> , 2017, 20, 136-148.	2.9	78

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37	Genome-Wide Diversity in the Levant Reveals Recent Structuring by Culture. <i>PLoS Genetics</i> , 2013, 9, e1003316.	1.5	77
38	Applicability of a "Speed" Congenic Strategy to Dissect Blood Pressure Quantitative Trait Loci on Rat Chromosome 2. <i>Hypertension</i> , 2000, 35, 179-187.	1.3	76
39	Large Scale Association Analysis Identifies Three Susceptibility Loci for Coronary Artery Disease. <i>PLoS ONE</i> , 2011, 6, e29427.	1.1	75
40	Homology-directed repair in rodent zygotes using Cas9 and TALEN engineered proteins. <i>Scientific Reports</i> , 2015, 5, 14410.	1.6	75
41	Dissection of a quantitative trait locus for genetic hypertension on rat chromosome 10.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 8778-8782.	3.3	74
42	Analysis of 14 Candidate Genes for Diabetic Nephropathy on Chromosome 3q in European Populations: Strongest Evidence for Association With a Variant in the Promoter Region of the Adiponectin Gene. <i>Diabetes</i> , 2006, 55, 3166-3174.	0.3	74
43	Gender differences in hypertrophy, insulin resistance and ischemic injury in the aging type 2 diabetic rat heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 547-555.	0.9	72
44	A resource for the simultaneous high-resolution mapping of multiple quantitative trait loci in rats: The NIH heterogeneous stock. <i>Genome Research</i> , 2009, 19, 150-158.	2.4	72
45	Association between Angiotensin-Converting Enzyme Gene Polymorphisms and Diabetic Nephropathy: Case-Control, Haplotype, and Family-Based Study in Three European Populations. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1284-1291.	3.0	64
46	Progression of Diet-Induced Diabetes in C57BL6J Mice Involves Functional Dissociation of Ca <sup>2+</sup> Channels From Secretory Vesicles. <i>Diabetes</i> , 2010, 59, 1192-1201.	0.3	63
47	Plaque burden in HIV-infected patients is associated with serum intestinal microbiota-generated trimethylamine. <i>Aids</i> , 2015, 29, 443-452.	1.0	60
48	Analysis of Quantitative Trait Loci for Blood Pressure on Rat Chromosomes 2 and 13. <i>Hypertension</i> , 1996, 28, 1118-1122.	1.3	59
49	Human and preclinical studies of the host "gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. <i>Gut</i> , 2021, 70, 2105-2114.	6.1	58
50	Genetic Dissection of Region Around the Sa Gene on Rat Chromosome 1. <i>Hypertension</i> , 2001, 38, 216-221.	1.3	57
51	Complete genome searches for quantitative trait loci controlling blood pressure and related traits in four segregating populations derived from Dahl hypertensive rats. <i>Mammalian Genome</i> , 1999, 10, 259-265.	1.0	56
52	Polygenic Control of Idiopathic Generalized Epilepsy Phenotypes in the Genetic Absence Rats from Strasbourg (GAERS). <i>Epilepsia</i> , 2004, 45, 301-308.	2.6	56
53	Successful Isolation of a Rat Chromosome 1 Blood Pressure Quantitative Trait Locus in Reciprocal Congenic Strains. <i>Hypertension</i> , 1998, 32, 639-646.	1.3	55
54	Genome-Wide Association Study in a Lebanese Cohort Confirms PHACTR1 as a Major Determinant of Coronary Artery Stenosis. <i>PLoS ONE</i> , 2012, 7, e38663.	1.1	52

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55	Loss of Cardioprotective Effects at the <i>ADAMTS7</i> Locus as a Result of Gene-Smoking Interactions. <i>Circulation</i> , 2017, 135, 2336-2353.	1.6	51
56	The genes and gene organization of the Ly49 region of the rat natural killer cell gene complex. <i>European Journal of Immunology</i> , 2005, 35, 261-272.	1.6	50
57	Chromosomal Mapping of Genetic Loci Controlling Absence Epilepsy Phenotypes in the WAG/Rij Rat. <i>Epilepsia</i> , 2004, 45, 908-915.	2.6	49
58	A Gene-Based Genetic Linkage and Comparative Map of the Rat X Chromosome. <i>Genomics</i> , 1997, 40, 253-261.	1.3	47
59	Serum IgE Concentration and Other Immune Manifestations of Treatment with Gold Salts Are Linked to the MHC and IL4 Regions in the Rat. <i>Genomics</i> , 1996, 31, 111-114.	1.3	45
60	Analysis of Distribution in the Human, Pig, and Rat Genomes Points toward a General Subtelomeric Origin of Minisatellite Structures. <i>Genomics</i> , 1998, 52, 62-71.	1.3	39
61	G/T Substitution in Intron 1 of the <i>UNC13B</i> Gene Is Associated With Increased Risk of Nephropathy in Patients With Type 1 Diabetes. <i>Diabetes</i> , 2008, 57, 2843-2850.	0.3	39
62	Nutrigenomics of High Fat Diet Induced Obesity in Mice Suggests Relationships between Susceptibility to Fatty Liver Disease and the Proteasome. <i>PLoS ONE</i> , 2013, 8, e82825.	1.1	39
63	A pharmacogenetic approach to blood pressure in Lyon hypertensive rats. A chromosome 2 locus influences the response to a calcium antagonist. <i>Journal of Clinical Investigation</i> , 1997, 100, 2000-2006.	3.9	38
64	Dominant gut <i>Prevotella copri</i> in gastrectomised non-obese diabetic Goto-Kakizaki rats improves glucose homeostasis through enhanced FXR signalling. <i>Diabetologia</i> , 2020, 63, 1223-1235.	2.9	37
65	Inheritance of diabetes mellitus as consequence of gestational hyperglycemia in rats. <i>Diabetes</i> , 1990, 39, 734-739.	0.3	37
66	Characteristics of the aortic elastic network and related phenotypes in seven inbred rat strains. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H769-H777.	1.5	36
67	Integration of the human exposome with the human genome to advance medicine. <i>Biochimie</i> , 2018, 152, 155-158.	1.3	36
68	The Natural Metabolite 4-Cresol Improves Glucose Homeostasis and Enhances $\beta$ -Cell Function. <i>Cell Reports</i> , 2020, 30, 2306-2320.e5.	2.9	35
69	A High-Resolution Consensus Linkage Map of the Rat, Integrating Radiation Hybrid and Genetic Maps. <i>Genomics</i> , 2001, 75, 57-69.	1.3	34
70	Biological roles of microRNAs in the control of insulin secretion and action. <i>Physiological Genomics</i> , 2017, 49, 1-10.	1.0	33
71	European rational approach for the genetics of diabetic complications EURAGEDIC: patient populations and strategy. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 161-168.	0.4	30
72	mQTL.NMR: An Integrated Suite for Genetic Mapping of Quantitative Variations of <sup>1</sup> H-NMR-Based Metabolic Profiles. <i>Analytical Chemistry</i> , 2015, 87, 4377-4384.	3.2	30

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73	Enhanced insulin secretion and cholesterol metabolism in congenic strains of the spontaneously diabetic (Type 2) Goto Kakizaki rat are controlled by independent genetic loci in rat chromosome 8. <i>Diabetologia</i> , 2004, 47, 1096-106.	2.9	28
74	Genetic and environmental influences on total plasma homocysteine and its role in coronary artery disease risk. <i>Atherosclerosis</i> , 2012, 222, 180-186.	0.4	27
75	A gene map of the rat derived from linkage analysis and related regions in the mouse and human genomes. <i>Mammalian Genome</i> , 1999, 10, 675-686.	1.0	26
76	Untargeted Metabolome Quantitative Trait Locus Mapping Associates Variation in Urine Glycerate to Mutant Glycerate Kinase. <i>Journal of Proteome Research</i> , 2012, 11, 631-642.	1.8	25
77	T2DM GWAS in the Lebanese population confirms the role of TCF7L2 and CDKAL1 in disease susceptibility. <i>Scientific Reports</i> , 2014, 4, 7351.	1.6	25
78	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. <i>Scientific Reports</i> , 2016, 6, 35278.	1.6	25
79	Marker-assisted congenic screening ( MACS ): A database tool for the efficient production and characterization of congenic lines. <i>Mammalian Genome</i> , 2003, 14, 350-356.	1.0	24
80	Pathophysiological, Genetic and Gene Expression Features of a Novel Rodent Model of the Cardio-Metabolic Syndrome. <i>PLoS ONE</i> , 2008, 3, e2962.	1.1	24
81	Thymectomy and Radiation-Induced Type 1 Diabetes in Nonlymphopenic BB Rats. <i>Diabetes</i> , 2002, 51, 2975-2981.	0.3	23
82	Characterization of a major modifier locus for polycystic kidney disease (Modpkdr1) in the Han:SPRD(cy/+) rat in a region conserved with a mouse modifier locus for Alport syndrome. <i>Human Molecular Genetics</i> , 2002, 11, 2165-2173.	1.4	23
83	Quantitative trait locus dissection in congenic strains of the Goto-Kakizaki rat identifies a region conserved with diabetes loci in human chromosome 1q. <i>Physiological Genomics</i> , 2004, 19, 1-10.	1.0	22
84	Integration of the Rat Recombination and EST Maps in the Rat Genomic Sequence and Comparative Mapping Analysis With the Mouse Genome. <i>Genome Research</i> , 2004, 14, 758-765.	2.4	22
85	Molecular genetics of the transcription factor GLIS3 identifies its dual function in beta cells and neurons. <i>Genomics</i> , 2018, 110, 98-111.	1.3	22
86	Untargeted Mass Spectrometry Lipidomics identifies correlation between serum sphingomyelins and plasma cholesterol. <i>Lipids in Health and Disease</i> , 2019, 18, 38.	1.2	21
87	Adaptive Expression of MicroRNA-125a in Adipose Tissue in Response to Obesity in Mice and Men. <i>PLoS ONE</i> , 2014, 9, e91375.	1.1	21
88	Rat chromosome 9 bears a major susceptibility locus for IgE response. <i>European Journal of Immunology</i> , 2000, 30, 1698-1705.	1.6	20
89	MetaboSignal: a network-based approach for topological analysis of metabotype regulation <i>via</i> metabolic and signaling pathways. <i>Bioinformatics</i> , 2017, 33, 773-775.	1.8	20
90	Localization of tub and uncoupling proteins ( Ucp ) 2 and 3 to a region of rat Chromosome 1 linked to glucose intolerance and adiposity in the Goto-Kakizaki (GK) Type 2 diabetic rat. <i>Mammalian Genome</i> , 1998, 9, 910-912.	1.0	19

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91	Transforming Growth Factor- $\hat{A}1$ Production Is Correlated With Genetically Determined ACE Expression in Congenic Rats: A Possible Link Between ACE Genotype and Diabetic Nephropathy. <i>Diabetes</i> , 2004, 53, 1111-1118.	0.3	19
92	Broad-Ranging Natural Metabotype Variation Drives Physiological Plasticity in Healthy Control Inbred Rat Strains. <i>Journal of Proteome Research</i> , 2011, 10, 1675-1689.	1.8	19
93	The SAM domain of ANKS6 has different interacting partners and mutations can induce different cystic phenotypes. <i>Kidney International</i> , 2015, 88, 299-310.	2.6	19
94	Topological analysis of metabolic networks integrating co-segregating transcriptomes and metabolomes in type 2 diabetic rat congenic series. <i>Genome Medicine</i> , 2016, 8, 101.	3.6	19
95	Chromosomal Mapping of Quantitative Trait Loci Controlling Elastin Content in Rat Aorta. <i>Hypertension</i> , 2005, 45, 460-466.	1.3	18
96	Genetic control of plasma lipid levels in a cross derived from normoglycaemic Brown Norway and spontaneously diabetic Goto-Kakizaki rats. <i>Diabetologia</i> , 2006, 49, 2679-2688.	2.9	18
97	Protease inhibitor 15, a candidate gene for abdominal aortic internal elastic lamina ruptures in the rat. <i>Physiological Genomics</i> , 2014, 46, 418-428.	1.0	18
98	<i>J</i> -Resolved <sup>1</sup> H NMR 1D-Projections for Large-Scale Metabolic Phenotyping Studies: Application to Blood Plasma Analysis. <i>Analytical Chemistry</i> , 2017, 89, 11405-11412.	3.2	18
99	MWASTools: an R/bioconductor package for metabolome-wide association studies. <i>Bioinformatics</i> , 2018, 34, 890-892.	1.8	18
100	Detailed Comparative Gene Map of Rat Chromosome 1 with Mouse and Human Genomes and Physical Mapping of an Evolutionary Chromosomal Breakpoint. <i>Genomics</i> , 2000, 64, 32-43.	1.3	17
101	Glycomics investigation into insulin action. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 652-668.	1.1	17
102	Genetic association analysis of inositol polyphosphate phosphatase-like 1 (INPPL1, SHIP2) variants with essential hypertension. <i>Journal of Medical Genetics</i> , 2007, 44, 603-605.	1.5	17
103	Regenerating 1 and 3b Gene Expression in the Pancreas of Type 2 Diabetic Goto-Kakizaki (GK) Rats. <i>PLoS ONE</i> , 2014, 9, e90045.	1.1	17
104	Comparative analysis of methods for gene transcription profiling data derived from different microarray technologies in rat and mouse models of diabetes. <i>BMC Genomics</i> , 2009, 10, 63.	1.2	16
105	Caffeine Impact on Metabolic Syndrome Components Is Modulated by a CYP1A2 Variant. <i>Annals of Nutrition and Metabolism</i> , 2016, 68, 1-11.	1.0	16
106	Higher maternal than paternal inheritance of diabetes in GK rats. <i>Diabetes</i> , 1994, 43, 220-224.	0.3	15
107	Studies of Congenic Lines in the Brown Norway Rat Model of Th2-Mediated Immunopathological Disorders Show That the Aurothiopropionol Sulfonate-Induced Immunological Disorder ( <i>Aiid3</i> ) Locus on Chromosome 9 Plays a Major Role Compared to <i>Aiid2</i> on Chromosome 10. <i>Journal of Immunology</i> , 2004, 172, 6354-6361.	0.4	14
108	Mapping diabetes QTL in an intercross derived from a congenic strain of the Brown Norway and Goto-Kakizaki rats. <i>Mammalian Genome</i> , 2006, 17, 538-547.	1.0	14

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109	A multiplexed targeted assay for high-throughput quantitative analysis of serum methylamines by ultra performance liquid chromatography coupled to high resolution mass spectrometry. Archives of Biochemistry and Biophysics, 2016, 597, 12-20.	1.4	14
110	Circulating lipid levels and risk of coronary artery disease in a large group of patients undergoing coronary angiography. Journal of Thrombosis and Thrombolysis, 2015, 39, 15-22.	1.0	13
111	Application of quantitative metabolomics in systems genetics in rodent models of complex phenotypes. Archives of Biochemistry and Biophysics, 2016, 589, 158-167.	1.4	12
112	pJRES Binning Algorithm (JBA): a new method to facilitate the recovery of metabolic information from pJRES 1H NMR spectra. Bioinformatics, 2019, 35, 1916-1922.	1.8	12
113	Linkage and physical mapping of rat microsatellites derived from minisatellite loci. Mammalian Genome, 1999, 10, 405-409.	1.0	11
114	Functional annotations of diabetes nephropathy susceptibility loci through analysis of genome-wide renal gene expression in rat models of diabetes mellitus. BMC Medical Genomics, 2009, 2, 41.	0.7	11
115	Systems Genetics of Hepatic Metabolome Reveals Octopamine as a Target for Non-Alcoholic Fatty Liver Disease Treatment. Scientific Reports, 2019, 9, 3656.	1.6	11
116	ANKS3 Co-Localises with ANKS6 in Mouse Renal Cilia and Is Associated with Vasopressin Signaling and Apoptosis In Vivo in Mice. PLoS ONE, 2015, 10, e0136781.	1.1	10
117	Integrated genetic mapping of 64 rat microsatellite markers from different sources. Mammalian Genome, 1997, 8, 282-283.	1.0	9
118	A Dominant Modifier of Transgene Methylation Is Mapped by QTL Analysis to Mouse Chromosome 13. Genome Research, 2001, 11, 382-388.	2.4	9
119	Transcriptome Profiling in Rat Inbred Strains and Experimental Cross Reveals Discrepant Genetic Architecture of Genome-Wide Gene Expression. G3: Genes, Genomes, Genetics, 2016, 6, 3671-3683.	0.8	9
120	Genomic regulation of type 2 diabetes endophenotypes: Contribution from genetic studies in the Goto-Kakizaki rat. Biochimie, 2017, 143, 56-65.	1.3	9
121	Genetics and functional genomics of type 2 diabetes mellitus. Genome Biology, 2003, 4, 241.	13.9	8
122	Chromosomal mapping of pancreatic islet morphological features and regulatory hormones in the spontaneously diabetic (Type 2) Goto-Kakizaki rat. Mammalian Genome, 2010, 21, 499-508.	1.0	8
123	Association of hypertension with coronary artery disease onset in the Lebanese population. SpringerPlus, 2014, 3, 533.	1.2	8
124	Genetic Control of Differential Acetylation in Diabetic Rats. PLoS ONE, 2014, 9, e94555.	1.1	7
125	Conserved properties of genetic architecture of renal and fat transcriptomes in rat models of insulin resistance. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	6
126	Plasma and urine metabolomic analyses in aortic valve stenosis reveal shared and biofluid-specific changes in metabolite levels. PLoS ONE, 2020, 15, e0242019.	1.1	6

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127	Two polymorphic dinucleotide repeats in the rat dystrophin gene, including the conserved 3' UTR repeat. <i>Mammalian Genome</i> , 1995, 6, 668-669.	1.0	3
128	Approaches to the Analysis of Complex Quantitative Phenotypes and Marker Map Construction Based on the Analysis of Rat Models of Hypertension. , 2002, 195, 225-251.		3
129	The rat as a model physiological system. , 2005, , .		3
130	Genomic organization of the rat Clock gene and sequence analysis in inbred rat strains. <i>Genomics</i> , 2006, 87, 208-217.	1.3	3
131	Diabetes quantitative trait locus research: from physiology to genetics and back. <i>Diabetologia</i> , 2006, 49, 431-433.	2.9	3
132	Genomic organization and mutation screening of the human ortholog of Pkdr1 associated with polycystic kidney disease in the rat. <i>European Journal of Medical Genetics</i> , 2008, 51, 325-331.	0.7	3
133	Localization, cDNA sequence and genomic organization of the rat seipin gene <i>(Bslc2)</i> and sequence analysis in inbred rat models of Type 2 diabetes mellitus. <i>Cytogenetic and Genome Research</i> , 2002, 98, 71-74.	0.6	2
134	Diet dependent impact of benzoate on diabetes and obesity in mice. <i>Biochimie</i> , 2022, 194, 35-42.	1.3	2
135	Mapping Metabolomic Quantitative Trait Loci (mQTL): A Link Between Metabolome-Wide Association Studies and Systems Biology. , 2012, , 233-254.		1
136	Association of coronary artery disease and chronic kidney disease in Lebanese population. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 15866-77.	1.3	1
137	Genetic Architecture of Untargeted Lipidomics in Cardiometabolic-Disease Patients Combines Strong Polygenic Control and Pleiotropy. <i>Metabolites</i> , 2022, 12, 596.	1.3	1
138	Report on rat chromosome 4. <i>Journal of Experimental Animal Science</i> , 1999, 40, 37-46.	0.5	0
139	Medical Genetics: Revenge of the thrift. <i>Heredity</i> , 2005, 95, 337-338.	1.2	0
140	Title is missing!. , 2020, 15, e0242019.		0
141	Title is missing!. , 2020, 15, e0242019.		0
142	Title is missing!. , 2020, 15, e0242019.		0
143	Title is missing!. , 2020, 15, e0242019.		0
144	Title is missing!. , 2020, 15, e0242019.		0

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145	Title is missing!. , 2020, 15, e0242019.		0