

# Rajni Nigam

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

913  
citations

471509

17  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Disease Portals, diseaseâ€™ gene annotation and the RGD disease ontology at the Rat Genome Database. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw034.	3.0	20
2	Exploring human disease using the Rat Genome Database. DMM Disease Models and Mechanisms, 2016, 9, 1089-1095.	2.4	27
3	Comprehensive coverage of cardiovascular disease data in the disease portals at the Rat Genome Database. Physiological Genomics, 2016, 48, 589-600.	2.3	3
4	Disease, Models, Variants and Altered Pathwaysâ€™ Journeying RGD Through the Magnifying Glass. Computational and Structural Biotechnology Journal, 2016, 14, 35-48.	4.1	4
5	OntoMate: a text-mining tool aiding curation at the Rat Genome Database. Database: the Journal of Biological Databases and Curation, 2015, 2015, .	3.0	21
6	The Rat Genome Database 2015: genomic, phenotypic and environmental variations and disease. Nucleic Acids Research, 2015, 43, D743-D750.	14.5	213
7	PhenoMiner: a quantitative phenotype database for the laboratory rat, Rattus norvegicus . Application in hypertension and renal disease. Database: the Journal of Biological Databases and Curation, 2015, 2015, .	3.0	11
8	Disease pathways at the Rat Genome Database Pathway Portal: genes in context-a network approach to understanding the molecular mechanisms of disease. Human Genomics, 2014, 8, 17.	2.9	7
9	The pathway ontology â€™ updates and applications. Journal of Biomedical Semantics, 2014, 5, 7.	1.6	83
10	The Vertebrate Trait Ontology: a controlled vocabulary for the annotation of trait data across species. Journal of Biomedical Semantics, 2013, 4, 13.	1.6	42
11	Rat Strain Ontology: structured controlled vocabulary designed to facilitate access to strain data at RGD. Journal of Biomedical Semantics, 2013, 4, 36.	1.6	13
12	Rat Genome Database: a unique resource for rat, human, and mouse quantitative trait locus data. Physiological Genomics, 2013, 45, 809-816.	2.3	25
13	The Rat Genome Database 2013â€–data, tools and users. Briefings in Bioinformatics, 2013, 14, 520-526.	6.5	62
14	Analysis of disease-associated objects at the Rat Genome Database. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat046.	3.0	11
15	PhenoMiner: quantitative phenotype curation at the rat genome database. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat015.	3.0	24
16	The clinical measurement, measurement method and experimental condition ontologies: expansion, improvements and new applications. Journal of Biomedical Semantics, 2013, 4, 26.	1.6	32
17	Building better animal models of disease through integration of multiple disease phenotypes. FASEB Journal, 2013, 27, 1213.3.	0.5	0
18	Ontology searching and browsing at the Rat Genome Database. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas016-bas016.	3.0	20

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19	Model Organism Databases in Behavioral Neuroscience. International Review of Neurobiology, 2012, 104, 25-46.	2.0	0
20	Exploring Genetic, Genomic, and Phenotypic Data at the Rat Genome Database. Current Protocols in Bioinformatics, 2012, 40, Unit1.14.	25.8	16
21	Three Ontologies to Define Phenotype Measurement Data. Frontiers in Genetics, 2012, 3, 87.	2.3	48
22	PhenoMiner: an interactive tool for physiologists integrating phenotype data using multiple ontologies. FASEB Journal, 2012, 26, 717.1.	0.5	0
23	RGD: A comparative genomics platform. Human Genomics, 2011, 5, 124-9.	2.9	23
24	The Rat Genome Database curation tool suite: a set of optimized software tools enabling efficient acquisition, organization, and presentation of biological data. Database: the Journal of Biological Databases and Curation, 2011, 2011, bar002-bar002.	3.0	12
25	Gene Curation Software at the Rat Genome Database (RGD). Nature Precedings, 2010, , .	0.1	0
26	The Rat Genome Database Curators: Who, What, Where, Why. PLoS Computational Biology, 2009, 5, e1000582.	3.2	19
27	The Phenotypes and Models Portal at RGD: a new interactive tool for physiologists linking genotype to phenotype and disease. FASEB Journal, 2009, 23, 801.5.	0.5	0
28	Tools and strategies for physiological genomics: the Rat Genome Database. Physiological Genomics, 2005, 23, 246-256.	2.3	25
29	The Rat Genome Database (RGD): developments towards a phenome database. Nucleic Acids Research, 2004, 33, D485-D491.	14.5	56
30	Rat Genome Database (RGD): mapping disease onto the genome. Nucleic Acids Research, 2002, 30, 125-128.	14.5	96