

# Rob J Kulathinal

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

4,392  
citations

394421

19  
h-index

315739

38  
g-index

44  
all docs

44  
docs citations

44  
times ranked

6858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	27.8	1,886
2	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. <i>Seminars in Cancer Biology</i> , 2015, 35, S25-S54.	9.6	468
3	Evolution in the Fast Lane: Rapidly Evolving Sex-Related Genes in <i>Drosophila</i> . <i>Genetics</i> , 2007, 177, 1321-1335.	2.9	330
4	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	9.6	220
5	Mammalian Sperm Proteins Are Rapidly Evolving: Evidence of Positive Selection in Functionally Diverse Genes. <i>Molecular Biology and Evolution</i> , 2002, 19, 1973-1980.	8.9	208
6	The Genomics of Speciation in <i>Drosophila</i> : Diversity, Divergence, and Introgression Estimated Using Low-Coverage Genome Sequencing. <i>PLoS Genetics</i> , 2009, 5, e1000550.	3.5	197
7	Fine-scale mapping of recombination rate in <i>Drosophila</i> refines its correlation to diversity and divergence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10051-10056.	7.1	144
8	Revisiting the protein-coding gene catalog of <i>Drosophila melanogaster</i> using 12 fly genomes. <i>Genome Research</i> , 2007, 17, 1823-1836.	5.5	135
9	Compensated Deleterious Mutations in Insect Genomes. <i>Science</i> , 2004, 306, 1553-1554.	12.6	98
10	Sex gene pool evolution and speciation: A new paradigm. <i>Genes and Genetic Systems</i> , 2000, 75, 119-130.	0.7	82
11	The Functional Genomic Distribution of Protein Divergence in Two Animal Phyla: Coevolution, Genomic Conflict, and Constraint. <i>Genome Research</i> , 2004, 14, 802-811.	5.5	77
12	Population Genomic Inferences from Sparse High-Throughput Sequencing of Two Populations of <i>Drosophila melanogaster</i> . <i>Genome Biology and Evolution</i> , 2009, 1, 449-465.	2.5	60
13	Rapid Evolution of the Sex-Determining Gene, transformer: Structural Diversity and Rate Heterogeneity Among Sibling Species of <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2003, 20, 441-452.	8.9	54
14	Male sex drive and the masculinization of the genome. <i>BioEssays</i> , 2005, 27, 518-525.	2.5	45
15	Comparative Genomics Reveals Accelerated Evolution in Conserved Pathways during the Diversification of Anole Lizards. <i>Genome Biology and Evolution</i> , 2018, 10, 489-506.	2.5	43
16	Genetic Architecture of Sexual Dimorphism in Humans. <i>Journal of Cellular Physiology</i> , 2015, 230, 2304-2310.	4.1	35
17	The developmental origins of sex-biased expression in cardiac development. <i>Biology of Sex Differences</i> , 2019, 10, 46.	4.1	32
18	<i>flyDivaS</i> : A Comparative Genomics Resource for <i>Drosophila</i> Divergence and Selection. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2355-2363.	1.8	29

#	ARTICLE	IF	CITATIONS
19	CYTOLOGICAL CHARACTERIZATION OF PREMEIOTIC VERSUS POSTMEIOTIC DEFECTS PRODUCING HYBRID MALE STERILITY AMONG SIBLING SPECIES OF THE <i>DROSOPHILA MELANOGASTER</i> COMPLEX. Evolution; International Journal of Organic Evolution, 1998, 52, 1067-1079.	2.3	27
20	Large-Scale Discovery of Disease-Disease and Disease-Gene Associations. Scientific Reports, 2016, 6, 32404.	3.3	27
21	Gene expression profiling reveals deep-sea coral response to the Deepwater Horizon oil spill. Molecular Ecology, 2018, 27, 4066-4077.	3.9	24
22	Genomic signatures of domestication on neurogenetic genes in <i>Drosophila melanogaster</i> . BMC Evolutionary Biology, 2016, 16, 6.	3.2	23
23	Ancestral-derived effects on the mutational landscape of laryngeal cancer. Genomics, 2016, 107, 76-82.	2.9	18
24	Integrative genomic analysis identifies ancestry-related expression quantitative trait loci on DNA polymerase $\beta$ and supports the association of genetic ancestry with survival disparities in head and neck squamous cell carcinoma. Cancer, 2017, 123, 849-860.	4.1	18
25	The whole lupus: Articulating biosocial interplay in systemic lupus erythematosus epidemiology and population disparities. Health and Place, 2018, 51, 182-188.	3.3	17
26	Elevated Evolutionary Rates among Functionally Diverged Reproductive Genes across Deep Vertebrate Lineages. International Journal of Evolutionary Biology, 2011, 2011, 1-9.	1.0	16
27	The fluidity of biosocial identity and the effects of place, space, and time. Social Science and Medicine, 2018, 198, 46-52.	3.8	16
28	The molecular basis of speciation: from patterns to processes, rules to mechanisms. Journal of Genetics, 2008, 87, 327-338.	0.7	14
29	Sex-Biased Networks and Nodes of Sexually Antagonistic Conflict in <i>Drosophila</i> . International Journal of Evolutionary Biology, 2013, 2013, 1-7.	1.0	12
30	The Nature of Genetic Variation in Sex and Reproduction-related Genes Among Sibling Species of the <i>Drosophila melanogaster</i> Complex. Genetica, 2004, 120, 245-252.	1.1	7
31	REINFORCEMENT WITH GENE FLOW? A REPLY. Evolution; International Journal of Organic Evolution, 2000, 54, 2176-2177.	2.3	6
32	Glue Genes Are Subjected to Diverse Selective Forces during <i>Drosophila</i> Development. Genome Biology and Evolution, 2021, 13, .	2.5	5
33	The latest buzz in comparative genomics. Genome Biology, 2005, 6, 201.	9.6	4
34	FlyExpress 7: An Integrated Discovery Platform To Study Coexpressed Genes Using <i>in Situ</i> Hybridization Images in <i>Drosophila</i> . G3: Genes, Genomes, Genetics, 2017, 7, 2791-2797.	1.8	4
35	Sexual system genomics and speciation. , 2012, , 274-284.		4
36	The Evolution of Sex-Related Traits and Genes. International Journal of Evolutionary Biology, 2011, 2011, 1-2.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Functional Genetics in the Post-Genomics Era: Building a Better Roadmap in Drosophila. Genetics, 2013, 195, 7-8.	2.9	1
38	Neurogenomics and the role of a large mutational target on rapid behavioral change. Biology Direct, 2016, 11, 60.	4.6	1
39	The biological, biographical, and biospheric dimensions of puberty onset: Using Bio3Science to frame transdisciplinary health research on puberty. , 0, , .		1
40	Functional Genetics in the Post-genomics Era: Building a Better Roadmap in Drosophila. G3: Genes, Genomes, Genetics, 2013, 3, 1451-1452.	1.8	0
41	Digital Innovation and Organizational Genetics: The Case of Web APIs and Mashups. Proceedings - Academy of Management, 2012, 2012, 15293.	0.1	0