Subhash Rajpurohit

List of Publications by Year
in descending order

34 papers	1,174 citations	471509 17 h-index	501196 28 g-index
45 all docs	45 docs citations	45 times ranked	1111 citing authors

#	Article	IF	Citations
1	Direct observation of adaptive tracking on ecological time scales in Drosophila. Science, 2022, 375, eabj7484.	12.6	71
2	Postâ€eclosion temperature effects on insect cuticular hydrocarbon profiles. Ecology and Evolution, 2021, 11, 352-364.	1.9	13
3	Accurate, ultra-low coverage genome reconstruction and association studies in Hybrid Swarm mapping populations. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	2
4	Long Non-Coding RNAs in Insects. Animals, 2021, 11, 1118.	2.3	21
5	Allelic polymorphism at foxo contributes to local adaptation in Drosophila melanogaster. Molecular Ecology, 2021, 30, 2817-2830.	3.9	7
6	No water, no mating: Connecting dots from behaviour to pathways. PLoS ONE, 2021, 16, e0252920.	2.5	4
7	Broad geographic sampling reveals the shared basis and environmental correlates of seasonal adaptation in Drosophila. ELife, 2021, 10, .	6.0	66
8	No water, no eggs: insights from a warming outdoor mesocosm experiment. Ecological Entomology, 2021, 46, 1093-1100.	2.2	4
9	Drosophila Evolution over Space and Time (DEST): A New Population Genomics Resource. Molecular Biology and Evolution, 2021, 38, 5782-5805.	8.9	37
10	Cuticle darkening correlates with increased body copper content in Drosophila melanogaster. BioMetals, 2020, 33, 293-303.	4.1	12
11	Microbiome composition shapes rapid genomic adaptation ofDrosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20025-20032.	7.1	103
12	A clinal polymorphism in the insulin signaling transcription factorfoxocontributes to lifeâ€history adaptation inDrosophila*. Evolution; International Journal of Organic Evolution, 2019, 73, 1774-1792.	2.3	28
13	Latitudinal Pigmentation Variation Contradicts Ultraviolet Radiation Exposure: A Case Study in Tropical Indian Drosophila melanogaster. Frontiers in Physiology, 2019, 10, 84.	2.8	8
14	Spatiotemporal dynamics and genomeâ€wide association analysis of desiccation tolerance in Drosophila melanogaster. Molecular Ecology, 2018, 27, 3525-3540.	3.9	33
15	Effects of temperature on transcriptome and cuticular hydrocarbon expression in ecologically differentiated populations of desert Drosophila. Ecology and Evolution, 2017, 7, 619-637.	1.9	14
16	A resource on latitudinal and altitudinal clines of ecologically relevant phenotypes of the Indian Drosophila. Scientific Data, 2017, 4, 170066.	5.3	9
17	Adaptive dynamics of cuticular hydrocarbons in Drosophila. Journal of Evolutionary Biology, 2017, 30, 66-80.	1.7	87
18	Preadult life history variation determines adult transcriptome expression. Molecular Ecology, 2016, 25, 741-763.	3.9	6

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19	Pigmentation and fitness trade-offs through the lens of artificial selection. Biology Letters, 2016, 12, 20160625.	2.3	8
20	Measuring thermal behavior in smaller insects: A case study in Drosophila melanogaster demonstrates effects of sex, geographic origin, and rearing temperature on adult behavior. Fly, 2016, 10, 149-161.	1.7	26
21	An Experimental Evolution Test of the Relationship between Melanism and Desiccation Survival in Insects. PLoS ONE, 2016, 11, e0163414.	2.5	19
22	Deciphering life history transcriptomes in different environments. Molecular Ecology, 2015, 24, 151-179.	3.9	20
23	Meta-analysis of geographical clines in desiccation tolerance of Indian drosophilids. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 164, 391-398.	1.8	28
24	Clinal variation in fitness related traits in tropical drosophilids of the Indian subcontinent. Journal of Thermal Biology, 2013, 38, 345-354.	2.5	22
25	Functional genomic and phenotypic responses to desiccation in natural populations of a desert drosophilid. Molecular Ecology, 2013, 22, 2698-2715.	3.9	35
26	Selection for abdominal tergite pigmentation and correlated responses in the trident: a case study in Drosophila melanogaster. Biological Journal of the Linnean Society, 2012, 106, 287-294.	1.6	10
27	Cuticular lipids and water balance. , 2010, , 100-120.		102
28	Impact of Darker, Intermediate and Lighter Phenotypes of Body Melanization on Desiccation Resistance inDrosophila melanogaster. Journal of Insect Science, 2009, 9, 1-10.	1.5	24
29	Variations in body melanisation, ovariole number and fecundity in highland and lowland populations of Drosophila melanogaster from the Indian subcontinent. Insect Science, 2008, 15, 553-561.	3.0	28
30	Body melanization and its adaptive role in thermoregulation and tolerance against desiccating conditions in drosophilids. Entomological Research, 2008, 38, 49-60.	1.1	77
31	Climate change, boundary increase and elongation of a preâ€existing cline: A case study inDrosophila ananassae. Entomological Research, 2008, 38, 268-275.	1.1	11
32	Variations in body melanization impact desiccation resistance inDrosophila immigransfrom Western Himalayas. Journal of Zoology, 2008, 276, 219-227.	1.7	28
33	Changes in body melanisation and desiccation resistance in highland vs. lowland populations of D. melanogaster. Journal of Insect Physiology, 2008, 54, 1050-1056.	2.0	120
34	Adaptations to environmental stress in altitudinal populations of two Drosophila species. Physiological Entomology, 2005, 30, 353-361.	1.5	40