

Yi Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1247518/publications.pdf>

Version: 2024-02-01

29
papers

3,644
citations

257450

24
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

6041
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural variation in genome architecture among 205 <i>Drosophila melanogaster</i> Genetic Reference Panel lines. <i>Genome Research</i> , 2014, 24, 1193-1208.	5.5	565
2	The house spider genome reveals an ancient whole-genome duplication during arachnid evolution. <i>BMC Biology</i> , 2017, 15, 62.	3.8	286
3	Genome of the Asian longhorned beetle (<i>Anoplophora glabripennis</i>), a globally significant invasive species, reveals key functional and evolutionary innovations at the beetle–plant interface. <i>Genome Biology</i> , 2016, 17, 227.	8.8	244
4	Hemimetabolous genomes reveal molecular basis of termite eusociality. <i>Nature Ecology and Evolution</i> , 2018, 2, 557-566.	7.8	223
5	The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede <i>Strigamia maritima</i> . <i>PLoS Biology</i> , 2014, 12, e1002005.	5.6	221
6	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. <i>Nature Communications</i> , 2016, 7, 10165.	12.8	184
7	A Massive Expansion of Effector Genes Underlies Gall-Formation in the Wheat Pest <i>Mayetiola destructor</i> . <i>Current Biology</i> , 2015, 25, 613-620.	3.9	171
8	Evolutionary History of Chemosensory-Related Gene Families across the Arthropoda. <i>Molecular Biology and Evolution</i> , 2017, 34, 1838-1862.	8.9	157
9	Multifaceted biological insights from a draft genome sequence of the tobacco hornworm moth, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 76, 118-147.	2.7	154
10	Assessing structural variation in a personal genome—towards a human reference diploid genome. <i>BMC Genomics</i> , 2015, 16, 286.	2.8	153
11	Gene content evolution in the arthropods. <i>Genome Biology</i> , 2020, 21, 15.	8.8	150
12	Comparative validation of the <i>D. melanogaster</i> modENCODE transcriptome annotation. <i>Genome Research</i> , 2014, 24, 1209-1223.	5.5	147
13	The whole genome sequence of the Mediterranean fruit fly, <i>Ceratitis capitata</i> (Wiedemann), reveals insights into the biology and adaptive evolution of a highly invasive pest species. <i>Genome Biology</i> , 2016, 17, 192.	8.8	130
14	Molecular evolutionary trends and feeding ecology diversification in the Hemiptera, anchored by the milkweed bug genome. <i>Genome Biology</i> , 2019, 20, 64.	8.8	114
15	Ampullary Cancers Harbor ELF3 Tumor Suppressor Gene Mutations and Exhibit Frequent WNT Dysregulation. <i>Cell Reports</i> , 2016, 14, 907-919.	6.4	107
16	Sooty mangabey genome sequence provides insight into AIDS resistance in a natural SIV host. <i>Nature</i> , 2018, 553, 77-81.	27.8	81
17	The Toxicogenome of <i>Hyalella azteca</i> : A Model for Sediment Ecotoxicology and Evolutionary Toxicology. <i>Environmental Science & Technology</i> , 2018, 52, 6009-6022.	10.0	79
18	<i>Lucilia cuprina</i> genome unlocks parasitic fly biology to underpin future interventions. <i>Nature Communications</i> , 2015, 6, 7344.	12.8	67

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19	PacBio-LITS: a large-insert targeted sequencing method for characterization of human disease-associated chromosomal structural variations. <i>BMC Genomics</i> , 2015, 16, 214.	2.8	63
20	Brown marmorated stink bug, <i>Halyomorpha halys</i> (Stål), genome: putative underpinnings of polyphagy, insecticide resistance potential and biology of a top worldwide pest. <i>BMC Genomics</i> , 2020, 21, 227.	2.8	60
21	Comparative genomics of the miniature wasp and pest control agent <i>Trichogramma pretiosum</i> . <i>BMC Biology</i> , 2018, 16, 54.	3.8	57
22	Genome-enabled insights into the biology of thrips as crop pests. <i>BMC Biology</i> , 2020, 18, 142.	3.8	54
23	Genomic Signatures of Cooperation and Conflict in the Social Amoeba. <i>Current Biology</i> , 2015, 25, 1661-1665.	3.9	51
24	The genome of the water strider <i>Gerris buenoi</i> reveals expansions of gene repertoires associated with adaptations to life on the water. <i>BMC Genomics</i> , 2018, 19, 832.	2.8	47
25	Evidence for Stabilizing Selection on Codon Usage in Chromosomal Rearrangements of <i>Drosophila pseudoobscura</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2433-2449.	1.8	17
26	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. <i>Genome Biology and Evolution</i> , 2020, 12, 1099-1188.	2.5	17
27	NMDA-evoked $[Ca^{2+}]_i$ increase in salamander retinal ganglion cells: Modulation by PKA and adrenergic receptors. <i>Visual Neuroscience</i> , 2002, 19, 249-256.	1.0	12
28	Fully resolved assembly of <i>Cryptosporidium parvum</i> . <i>GigaScience</i> , 2022, 11, .	6.4	8
29	SVachra: a tool to identify genomic structural variation in mate pair sequencing data containing inward and outward facing reads. <i>BMC Genomics</i> , 2017, 18, 691.	2.8	7