

Jerome Hui

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,282
citations

159525

30
h-index

168321

53
g-index

96
all docs

96
docs citations

96
times ranked

3937
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential microRNA expression, microRNA arm switching, and microRNA:long noncoding RNA interaction in response to salinity stress in soybean. <i>BMC Genomics</i> , 2022, 23, 65.	1.2	13
2	Population Genomics, Transcriptional Response to Heat Shock, and Gut Microbiota of the Hong Kong Oyster <i>Magallana hongkongensis</i> . <i>Journal of Marine Science and Engineering</i> , 2022, 10, 237.	1.2	1
3	Pursuing greener farming by clarifying legume-insect pest interactions and developing marker-assisted molecular breeding. <i>Advances in Botanical Research</i> , 2022, , 211-258.	0.5	1
4	Chromosomal level genome of <i>Ilex asprella</i> and insight into antiviral triterpenoid pathway. <i>Genomics</i> , 2022, 114, 110366.	1.3	9
5	Genome of the ramshorn snail <i>Biomphalaria straminea</i> -an obligate intermediate host of schistosomiasis.. <i>GigaScience</i> , 2022, 11, .	3.3	11
6	Comparative Genomics Reveals Insights into the Divergent Evolution of Astigmatic Mites and Household Pest Adaptations. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	13
7	Rethinking Sesquiterpenoids: A Widespread Hormone in Animals. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5998.	1.8	5
8	Characterisation of the Complete Chloroplast Genomes of Seven <i>Hyacinthus orientalis</i> L. Cultivars: Insights into Cultivar Phylogeny. <i>Horticulturae</i> , 2022, 8, 453.	1.2	2
9	Myriapod genomes reveal ancestral horizontal gene transfer and hormonal gene loss in millipedes. <i>Nature Communications</i> , 2022, 13, .	5.8	12
10	Single-Cell Atlas of the <i>Drosophila</i> Leg Disc Identifies a Long Non-Coding RNA in Late Development. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6796.	1.8	4
11	Horseshoe crab genomes reveal the evolution of genes and microRNAs after three rounds of whole genome duplication. <i>Communications Biology</i> , 2021, 4, 83.	2.0	31
12	Animal regeneration in the era of transcriptomics. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3941-3956.	2.4	27
13	The Nereid on the rise: <i>Platynereis</i> as a model system. <i>EvoDevo</i> , 2021, 12, 10.	1.3	34
14	Transcriptomic and proteomic analyses of venom glands from scorpions <i>Liocheles australasiae</i> , <i>Mesobuthus martensii</i> , and <i>Scorpio maurus palmatus</i> . <i>Peptides</i> , 2021, 146, 170643.	1.2	6
15	Terpenes and Terpenoids in Plants: Interactions with Environment and Insects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7382.	1.8	172
16	Reconstruction of ancient homeobox gene linkages inferred from a new high-quality assembly of the Hong Kong oyster (<i>Magallana hongkongensis</i>) genome. <i>BMC Genomics</i> , 2020, 21, 713.	1.2	24
17	Diversity of Insect Sesquiterpenoid Regulation. <i>Frontiers in Genetics</i> , 2020, 11, 1027.	1.1	35
18	Hemolymph Proteomics and Gut Microbiota of Horseshoe Crabs <i>Tachypleus tridentatus</i> and <i>Carcinoscorpius rotundicauda</i> . <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	9

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19	Infection patterns of dengue, Zika and endosymbiont Wolbachia in the mosquito <i>Aedes albopictus</i> in Hong Kong. <i>Parasites and Vectors</i> , 2020, 13, 361.	1.0	3
20	Genome of the four-finger threadfin <i>Eleutheronema tetradactylum</i> (Perciforms: Polynemidae). <i>BMC Genomics</i> , 2020, 21, 726.	1.2	4
21	Proteomic Analysis of the Venom of Jellyfishes <i>Rhopilema esculentum</i> and <i>Sanderia malayensis</i> . <i>Marine Drugs</i> , 2020, 18, 655.	2.2	9
22	International symposium for comparative endocrinology and genomics in arthropods. <i>General and Comparative Endocrinology</i> , 2020, 299, 113622.	0.8	0
23	Neuropeptide and microRNA regulators of juvenile hormone production. <i>General and Comparative Endocrinology</i> , 2020, 295, 113507.	0.8	25
24	Micro-RNA Clusters Integrate Evolutionary Constraints on Expression and Target Affinities: The miR-6/5/4/286/3/309 Cluster in <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2020, 37, 2955-2965.	3.5	2
25	The potential risk of <i>Schistosoma mansoni</i> transmission by the invasive freshwater snail <i>Biomphalaria straminea</i> in South China. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008310.	1.3	14
26	Jellyfish genomes reveal distinct homeobox gene clusters and conservation of small RNA processing. <i>Nature Communications</i> , 2020, 11, 3051.	5.8	47
27	Chromosomal-level reference genome of the incense tree <i>Aquilaria sinensis</i> . <i>Molecular Ecology Resources</i> , 2020, 20, 971-979.	2.2	24
28	A crustacean annotated transcriptome (CAT) database. <i>BMC Genomics</i> , 2020, 21, 32.	1.2	13
29	Millipede genomes reveal unique adaptations during myriapod evolution. <i>PLoS Biology</i> , 2020, 18, e3000636.	2.6	18
30	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0
31	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0
32	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0
33	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0
34	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0
35	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0
36	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0

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37	Millipede genomes reveal unique adaptations during myriapod evolution. , 2020, 18, e3000636.		0
38	Juvenile hormone and sesquiterpenoids in arthropods: Biosynthesis, signaling, and role of MicroRNA. Journal of Steroid Biochemistry and Molecular Biology, 2018, 184, 69-76.	1.2	69
39	Discovery of microRNA-like RNAs during early fruiting body development in the model mushroom <i>Coprinopsis cinerea</i> . PLoS ONE, 2018, 13, e0198234.	1.1	28
40	miRNA-Mediated Interactions in and between Plants and Insects. International Journal of Molecular Sciences, 2018, 19, 3239.	1.8	23
41	Halloween genes in panarthropods and the evolution of the early moulting pathway in Ecdysozoa. Royal Society Open Science, 2018, 5, 180888.	1.1	36
42	Copepod incompatibilities. Nature Ecology and Evolution, 2018, 2, 1203-1204.	3.4	2
43	Isolation and Characterization of Polymorphic Microsatellite Loci for and Transferability Across Eight Confamilial Species (<i>Atyidae</i> , Decapoda). Zoological Studies, 2018, 57, e19.	0.3	1
44	Adaptation to deep-sea chemosynthetic environments as revealed by mussel genomes. Nature Ecology and Evolution, 2017, 1, 121.	3.4	250
45	MicroRNAs regulate the sesquiterpenoid hormonal pathway in <i>Drosophila</i> and other arthropods. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171827.	1.2	20
46	The Role of MicroRNAs in <i>Drosophila</i> Regulation of Insulin-Like Peptides and Ecdysteroid Signalling: Where Are We Now?. Advances in Insect Physiology, 2017, , 55-85.	1.1	11
47	Distribution and current infection status of <i>Biomphalaria straminea</i> in Hong Kong. Parasites and Vectors, 2017, 10, 351.	1.0	12
48	Comparative transcriptomics across populations offers new insights into the evolution of thermal resistance in marine snails. Marine Biology, 2016, 163, 1.	0.7	7
49	Ancestral whole-genome duplication in the marine chelicerate horseshoe crabs. Heredity, 2016, 116, 190-199.	1.2	114
50	Small RNAs in Plant Responses to Abiotic Stresses: Regulatory Roles and Study Methods. International Journal of Molecular Sciences, 2015, 16, 24532-24554.	1.8	42
51	Genome of the Rusty Millipede, <i>Trigoniulus corallinus</i> , Illuminates Diplopod, Myriapod, and Arthropod Evolution. Genome Biology and Evolution, 2015, 7, 1280-1295.	1.1	21
52	How did arthropod sesquiterpenoids and ecdysteroids arise? Comparison of hormonal pathway genes in non-insect arthropod genomes. Genome Biology and Evolution, 2015, 7, evv120.	1.1	64
53	The phylogenetic utility and functional constraint of microRNA flanking sequences. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142983.	1.2	17
54	A "Developmental Hourglass" in Fungi. Molecular Biology and Evolution, 2015, 32, 1556-1566.	3.5	61

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55	A Burst of miRNA Innovation in the Early Evolution of Butterflies and Moths. <i>Molecular Biology and Evolution</i> , 2015, 32, 1161-1174.	3.5	30
56	<i>Neocaridina denticulata</i> : A Decapod Crustacean Model for Functional Genomics. <i>Integrative and Comparative Biology</i> , 2015, 55, 891-897.	0.9	37
57	Rapid Change of Microbiota Diversity in the Gut but Not the Hepatopancreas During Gonadal Development of the New Shrimp Model <i>Neocaridina denticulata</i> . <i>Marine Biotechnology</i> , 2015, 17, 811-819.	1.1	61
58	Draft genome assemblies and predicted microRNA complements of the intertidal lophotrochozoans <i>Patella vulgata</i> (Mollusca, Patellogastropoda) and <i>Spirobranchus (Pomatoceros) lamarcki</i> (Annelida.) <i>Tj ETQq0 0 OrgBT /Over 10 T</i>		
59	Evolution of Ecdysis and Metamorphosis in Arthropods: The Rise of Regulation of Juvenile Hormone. <i>Integrative and Comparative Biology</i> , 2015, 55, 878-890.	0.9	67
60	Identification of putative ecdysteroid and juvenile hormone pathway genes in the shrimp <i>Neocaridina denticulata</i> . <i>General and Comparative Endocrinology</i> , 2015, 214, 167-176.	0.8	74
61	Tertiary Education of Evolutionary Biology in Asia. , 2015, , 81-86.		0
62	Genomic Sequence and Experimental Tractability of a New Decapod Shrimp Model, <i>Neocaridina denticulata</i> . <i>Marine Drugs</i> , 2014, 12, 1419-1437.	2.2	77
63	The Lophotrochozoan TGF- β signalling cassette - diversification and conservation in a key signalling pathway. <i>International Journal of Developmental Biology</i> , 2014, 58, 533-549.	0.3	32
64	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.	2.6	221
65	De Novo Transcriptome Sequencing of the Snail <i>Echinolittorina malaccana</i> : Identification of Genes Responsive to Thermal Stress and Development of Genetic Markers for Population Studies. <i>Marine Biotechnology</i> , 2014, 16, 547-559.	1.1	43
66	PBDE-47 exposure causes gender specific effects on apoptosis and heat shock protein expression in marine medaka, <i>Oryzias melastigma</i> . <i>Aquatic Toxicology</i> , 2014, 147, 57-67.	1.9	13
67	<i>ViP</i> : composition vector-based software for rapid species identification based on DNA barcoding. <i>Molecular Ecology Resources</i> , 2014, 14, 871-881.	2.2	8
68	How are comparative genomics and the study of microRNAs changing our views on arthropod endocrinology and adaptations to the environment?. <i>General and Comparative Endocrinology</i> , 2013, 188, 16-22.	0.8	19
69	Origin and Evolution of Yolk Proteins: Expansion and Functional Diversification of Large Lipid Transfer Protein Superfamily1. <i>Biology of Reproduction</i> , 2013, 88, 102.	1.2	35
70	Sex-Biased Expression of MicroRNAs in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2402.	1.3	60
71	Structure, evolution and function of the bi-directionally transcribed <i>iab-4/iab-8</i> microRNA locus in arthropods. <i>Nucleic Acids Research</i> , 2013, 41, 3352-3361.	6.5	32
72	Future Perspectives for Research on the Biosynthesis of Juvenile Hormones and Related Sesquiterpenoids in Arthropod Endocrinology and Ecotoxicology. <i>QSAR in Environmental and Health Sciences</i> , 2013, , 15-30.	0.3	6

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73	Extensive Chordate and Annelid Macrosynteny Reveals Ancestral Homeobox Gene Organization. <i>Molecular Biology and Evolution</i> , 2012, 29, 157-165.	3.5	53
74	MicroRNA evolution by arm switching. <i>EMBO Reports</i> , 2011, 12, 172-177.	2.0	199
75	Comparative genomic and phylogenetic analysis of vitellogenin and other large lipid transfer proteins in metazoans. <i>FEBS Letters</i> , 2010, 584, 1273-1278.	1.3	74
76	Functional Shifts in Insect microRNA Evolution. <i>Genome Biology and Evolution</i> , 2010, 2, 686-696.	1.1	131
77	Evolution and functional divergence of enzymes involved in sesquiterpenoid hormone biosynthesis in crustaceans and insects. <i>Peptides</i> , 2010, 31, 451-455.	1.2	55
78	Cloning and expression study of the lobster (<i>Homarus americanus</i>) vitellogenin: Conservation in gene structure among decapods. <i>General and Comparative Endocrinology</i> , 2009, 160, 36-46.	0.8	52
79	Features of the ancestral bilaterian inferred from <i>Platynereis dumerilii</i> ParaHox genes. <i>BMC Biology</i> , 2009, 7, 43.	1.7	58
80	Evolution and intelligent design in Hong Kong. <i>Nature</i> , 2009, 458, 571-571.	13.7	1
81	Do cnidarians have a ParaHox cluster? Analysis of synteny around a <i>Nematostella</i> homeobox gene cluster. <i>Evolution & Development</i> , 2008, 10, 725-730.	1.1	33
82	Characterization of the putative farnesoic acid O-methyltransferase (LvFAMeT) cDNA from white shrimp, <i>Litopenaeus vannamei</i> : Evidence for its role in molting. <i>Peptides</i> , 2008, 29, 252-260.	1.2	59
83	Annelids in evolutionary developmental biology and comparative genomics. <i>Parasite</i> , 2008, 15, 321-328.	0.8	7
84	Duplication of the ribosomal gene cluster in the marine polychaete <i>Platynereis dumerilii</i> correlates with ITS polymorphism. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 443-449.	0.4	11
85	Equal contribution of hepatopancreas and ovary to the production of vitellogenin (PmVg1) transcripts in the tiger shrimp, <i>Penaeus monodon</i> . <i>Aquaculture</i> , 2006, 254, 666-674.	1.7	59
86	Characterization of vitellogenin in the shrimp <i>Metapenaeus ensis</i> : Expression studies and hormonal regulation of MeVg1 transcription in vitro. <i>Molecular Reproduction and Development</i> , 2006, 73, 424-436.	1.0	53
87	Vitellogenesis in the Red Crab, <i>Charybdis feriatius</i> : Contributions from Small Vitellogenin Transcripts (CfVg) and Farnesoic Acid Stimulation of CfVg Expression. <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, 74-79.	1.8	31
88	Vitellogenesis in the red crab <i>Charybdis feriatius</i> : Hepatopancreas-specific expression and farnesoic acid stimulation of vitellogenin gene expression. <i>Molecular Reproduction and Development</i> , 2005, 70, 288-300.	1.0	128
89	Vitellogenesis in the Sand Shrimp, <i>Metapenaeus ensis</i> : The Contribution from the Hepatopancreas-Specific Vitellogenin Gene (MeVg2)1. <i>Biology of Reproduction</i> , 2004, 71, 863-870.	1.2	68
90	Small <i>scp</i> RNAs in Cnidaria: A review. <i>Evolutionary Applications</i> , 0, , .	1.5	3