

Jordi Paps

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8443391/publications.pdf>

Version: 2024-02-01

38
papers

4,688
citations

257101

24
h-index

329751

37
g-index

41
all docs

41
docs citations

41
times ranked

6225
citing authors

#	ARTICLE	IF	CITATIONS
1	The oyster genome reveals stress adaptation and complexity of shell formation. <i>Nature</i> , 2012, 490, 49-54.	13.7	1,966
2	The genomes of four tapeworm species reveal adaptations to parasitism. <i>Nature</i> , 2013, 496, 57-63.	13.7	603
3	A phylogenetic analysis of myosin heavy chain type II sequences corroborates that Acoela and Nemertodermatida are basal bilaterians. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11246-11251.	3.3	229
4	Phylogenetic Relationships within the Opisthokonta Based on Phylogenomic Analyses of Conserved Single-Copy Protein Domains. <i>Molecular Biology and Evolution</i> , 2012, 29, 531-544.	3.5	166
5	The phylogenetic position of ctenophores and the origin(s) of nervous systems. <i>EvoDevo</i> , 2015, 6, 1.	1.3	148
6	Lophotrochozoa internal phylogeny: new insights from an up-to-date analysis of nuclear ribosomal genes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1245-1254.	1.2	103
7	Reconstruction of the ancestral metazoan genome reveals an increase in genomic novelty. <i>Nature Communications</i> , 2018, 9, 1730.	5.8	101
8	Evolutionary origins of sensation in metazoans: functional evidence for a new sensory organ in sponges. <i>BMC Evolutionary Biology</i> , 2014, 14, 3.	3.2	92
9	Molecular Phylogeny of Unikonts: New Insights into the Position of Apusomonads and Ancyromonads and the Internal Relationships of Opisthokonts. <i>Protist</i> , 2013, 164, 2-12.	0.6	91
10	Bilateria Phylogeny: A Broad Sampling of 13 Nuclear Genes Provides a New Lophotrochozoa Phylogeny and Supports a Paraphyletic Basal Acoelomorpha. <i>Molecular Biology and Evolution</i> , 2009, 26, 2397-2406.	3.5	90
11	New genes from old: asymmetric divergence of gene duplicates and the evolution of development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20150480.	1.8	90
12	Widespread patterns of gene loss in the evolution of the animal kingdom. <i>Nature Ecology and Evolution</i> , 2020, 4, 519-523.	3.4	89
13	The Origin of Land Plants Is Rooted in Two Bursts of Genomic Novelty. <i>Current Biology</i> , 2020, 30, 530-536.e2.	1.8	88
14	SMG-1 and mTORC1 Act Antagonistically to Regulate Response to Injury and Growth in Planarians. <i>PLoS Genetics</i> , 2012, 8, e1002619.	1.5	82
15	Back in time: a new systematic proposal for the Bilateria. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1481-1491.	1.8	79
16	The evolutionary emergence of land plants. <i>Current Biology</i> , 2021, 31, R1281-R1298.	1.8	67
17	Human oxygen sensing may have origins in prokaryotic elongation factor Tu prolyl-hydroxylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13331-13336.	3.3	60
18	Genomic adaptations to aquatic and aerial life in mayflies and the origin of insect wings. <i>Nature Communications</i> , 2020, 11, 2631.	5.8	57

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19	Evolutionary history of the Tricladida and the Platyhelminthes: an up-to-date phylogenetic and systematic account. <i>International Journal of Developmental Biology</i> , 2012, 56, 5-17.	0.3	55
20	Hagfish and lamprey Hox genes reveal conservation of temporal colinearity in vertebrates. <i>Nature Ecology and Evolution</i> , 2018, 2, 859-866.	3.4	55
21	Reinforcing the Egg-Timer: Recruitment of Novel Lophotrochozoa Homeobox Genes to Early and Late Development in the Pacific Oyster. <i>Genome Biology and Evolution</i> , 2015, 7, 677-688.	1.1	42
22	Hox and ParaHox genes in Nemertodermatida, a basal bilaterian clade. <i>International Journal of Developmental Biology</i> , 2006, 50, 675-679.	0.3	40
23	A genome-wide view of transcription factor gene diversity in chordate evolution: less gene loss in amphioxus?. <i>Briefings in Functional Genomics</i> , 2012, 11, 177-186.	1.3	36
24	Metabarcoding analysis on European coastal samples reveals new molecular metazoan diversity. <i>Scientific Reports</i> , 2018, 8, 9106.	1.6	34
25	Acoelomorpha: earliest branching bilaterians or deuterostomes?. <i>Organisms Diversity and Evolution</i> , 2016, 16, 391-399.	0.7	26
26	Novel and divergent genes in the evolution of placental mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171357.	1.2	23
27	A cytosolic copper storage protein provides a second level of copper tolerance in <i>Streptomyces lividans</i> . <i>Metallomics</i> , 2018, 10, 180-193.	1.0	23
28	Plant Evolution: Assembling Land Plants. <i>Current Biology</i> , 2020, 30, R81-R83.	1.8	21
29	Water-related innovations in land plants evolved by different patterns of gene cooption and novelty. <i>New Phytologist</i> , 2022, 235, 732-742.	3.5	18
30	The phylogenetic utility and functional constraint of microRNA flanking sequences. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142983.	1.2	17
31	Molecular phylogeny of the phylum Gastrotricha: New data brings together molecules and morphology. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 208-212.	1.2	16
32	Expression of the Pupal Determinant broad during Metamorphic and Neotenic Development of the Strepsipteran <i>Xenos vesparum</i> Rossi. <i>PLoS ONE</i> , 2014, 9, e93614.	1.1	15
33	What Makes an Animal? The Molecular Quest for the Origin of the Animal Kingdom. <i>Integrative and Comparative Biology</i> , 2018, 58, 654-665.	0.9	15
34	One fold, two functions: cytochrome P460 and cytochrome <i>c</i> ²⁻¹² from the methanotroph <i>Methylococcus capsulatus</i> (Bath). <i>Chemical Science</i> , 2019, 10, 3031-3041.	3.7	13
35	Evolutionary Origins of Drought Tolerance in Spermatophytes. <i>Frontiers in Plant Science</i> , 2021, 12, 655924.	1.7	13
36	Discovery and Classification of Homeobox Genes in Animal Genomes. <i>Methods in Molecular Biology</i> , 2014, 1196, 3-18.	0.4	4

#	ARTICLE	IF	CITATIONS
37	Unravelling body plan and axial evolution in the Bilateria with molecular phylogenetic markers. , 0 , 217-238.		2
38	Evolution: How Animals Come of Age. Current Biology, 2021, 31, R30-R32.	1.8	0