Jordi Paps

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38	3,409	23	41
papers	citations	h-index	g-index
41	4,201	8.5	5.03
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
38	The oyster genome reveals stress adaptation and complexity of shell formation. *Nature*, **2012**, 490, 49-54	50.4	1464
37	The genomes of four tapeworm species reveal adaptations to parasitism. *Nature*, **2013**, 496, 57-63	50.4	483
36	A phylogenetic analysis of myosin heavy chain type II sequences corroborates that Acoela and Nemertodermatida are basal bilaterians. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 11246-51	11.5	180
35	Phylogenetic relationships within the Opisthokonta based on phylogenomic analyses of conserved single-copy protein domains. *Molecular Biology and Evolution*, **2012**, 29, 531-44	8.3	133
34	The phylogenetic position of ctenophores and the origin(s) of nervous systems. *EvoDevo*, **2015**, 6, 1	3.2	97
33	Lophotrochozoa internal phylogeny: new insights from an up-to-date analysis of nuclear ribosomal genes. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 1245-54	4.4	96
32	Bilaterian phylogeny: a broad sampling of 13 nuclear genes provides a new Lophotrochozoa phylogeny and supports a paraphyletic basal acoelomorpha. *Molecular Biology and Evolution*, **2009**, 26, 2397-406	8.3	80
31	Molecular phylogeny of unikonts: new insights into the position of apusomonads and ancyromonads and the internal relationships of opisthokonts. *Protist*, **2013**, 164, 2-12	2.5	76
30	Evolutionary origins of sensation in metazoans: functional evidence for a new sensory organ in sponges. *BMC Evolutionary Biology*, **2014**, 14, 3	3	76
29	SMG-1 and mTORC1 act antagonistically to regulate response to injury and growth in planarians. *PLoS Genetics*, **2012**, 8, e1002619	6	64
28	Back in time: a new systematic proposal for the Bilateria. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2008**, 363, 1481-91	5.8	58
27	New genes from old: asymmetric divergence of gene duplicates and the evolution of development. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	55
26	Reconstruction of the ancestral metazoan genome reveals an increase in genomic novelty. *Nature Communications*, **2018**, 9, 1730	17.4	55
25	Human oxygen sensing may have origins in prokaryotic elongation factor Tu prolyl-hydroxylation. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 13331-6	11.5	52
24	Evolutionary history of the Tricladida and the Platyhelminthes: an up-to-date phylogenetic and systematic account. *International Journal of Developmental Biology*, **2012**, 56, 5-17	1.9	46
23	Hagfish and lamprey Hox genes reveal conservation of temporal colinearity in vertebrates. *Nature Ecology and Evolution*, **2018**, 2, 859-866	12.3	39
22	Widespread patterns of gene loss in the evolution of the animal kingdom. *Nature Ecology and Evolution*, **2020**, 4, 519-523	12.3	37

21	The Origin of Land Plants Is Rooted in Two Bursts of Genomic Novelty. *Current Biology*, **2020**, 30, 530-536.e2	6.3	36
20	A genome-wide view of transcription factor gene diversity in chordate evolution: less gene loss in amphioxus?. *Briefings in Functional Genomics*, **2012**, 11, 177-86	4.9	34
19	Hox and ParaHox genes in Nemertodermatida, a basal bilaterian clade. *International Journal of Developmental Biology*, **2006**, 50, 675-9	1.9	34
18	Reinforcing the egg-timer: recruitment of novel lophotrochozoa homeobox genes to early and late development in the pacific oyster. *Genome Biology and Evolution*, **2015**, 7, 677-88	3.9	31
17	Genomic adaptations to aquatic and aerial life in mayflies and the origin of insect wings. *Nature Communications*, **2020**, 11, 2631	17.4	27
16	Metabarcoding analysis on European coastal samples reveals new molecular metazoan diversity. *Scientific Reports*, **2018**, 8, 9106	4.9	24
15	Acoelomorpha: earliest branching bilaterians or deuterostomes?. *Organisms Diversity and Evolution*, **2016**, 16, 391-399	1.7	15
14	Novel and divergent genes in the evolution of placental mammals. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	15
13	The phylogenetic utility and functional constraint of microRNA flanking sequences. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20142983	4.4	15
12	Expression of the pupal determinant broad during metamorphic and neotenic development of the strepsipteran Xenos vesparum Rossi. *PLoS ONE*, **2014**, 9, e93614	3.7	14
11	A cytosolic copper storage protein provides a second level of copper tolerance in Streptomyces lividans. *Metallomics*, **2018**, 10, 180-193	4.5	13
10	Molecular phylogeny of the phylum Gastrotricha: new data brings together molecules and morphology. *Molecular Phylogenetics and Evolution*, **2012**, 63, 208-12	4.1	13
9	Plant Evolution: Assembling Land Plants. *Current Biology*, **2020**, 30, R81-R83	6.3	12
8	What Makes an Animal? The Molecular Quest for the Origin of the Animal Kingdom. *Integrative and Comparative Biology*, **2018**, 58, 654-665	2.8	10
7	The evolutionary emergence of land plants. *Current Biology*, **2021**, 31, R1281-R1298	6.3	7
6	One fold, two functions: cytochrome P460 and cytochrome c' from the methanotroph (Bath). *Chemical Science*, **2019**, 10, 3031-3041	9.4	6
5	Animals and Their Unicellular Ancestors **2010**,		4
4	Discovery and classification of homeobox genes in animal genomes. *Methods in Molecular Biology*, **2014**, 1196, 3-18	1.4	4

3	Water-related innovations in land plants evolved by different patterns of gene co-option and novelty.. *New Phytologist*, **2022**,	9.8	2
2	Evolutionary Origins of Drought Tolerance in Spermatophytes. *Frontiers in Plant Science*, **2021**, 12, 655924	6.2	0
1	Unravelling body plan and axial evolution in the Bilateria with molecular phylogenetic markers217-238		