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List of Publications by Year
in descending order

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32 papers	2,802 citations	377584 21 h-index	511568 30 g-index
35 all docs	35 docs citations	35 times ranked	4827 citing authors

#	Article	IF	Citations
1	2021 Zuckerkandl Prize. Journal of Molecular Evolution, 2022, 90, 1-1.	0.8	0
2	Rapid evolutionary changes in gene expression in response to climate fluctuations. Molecular Ecology, 2021, 30, 193-206.	2.0	27
3	Evolution of pathogen response genes associated with increased disease susceptibility during adaptation to an extreme drought in a Brassica rapa plant population. Bmc Ecology and Evolution, 2021, 21, 61.	0.7	4
4	Genetic tool development in marine protists: emerging model organisms for experimental cell biology. Nature Methods, 2020, 17, 481-494.	9.0	97
5	Widespread ancient wholeâ€genome duplications in Malpighiales coincide with Eocene global climatic upheaval. New Phytologist, 2019, 221, 565-576.	3.5	86
6	Swimming, gliding, and rolling toward the mainstream: cell biology of marine protists. Molecular Biology of the Cell, 2019, 30, 1245-1248.	0.9	10
7	What Makes a Kinase Promiscuous for Inhibitors?. Cell Chemical Biology, 2019, 26, 390-399.e5.	2.5	59
8	Metaâ€analysis and metaâ€regression of transcriptomic responses to water stress in Arabidopsis. Plant Journal, 2016, 85, 548-560.	2.8	64
9	Increased susceptibility to fungal disease accompanies adaptation to drought inBrassica rapa. Evolution; International Journal of Organic Evolution, 2016, 70, 241-248.	1.1	18
10	Factors Affecting the Disease Severity of Alternaria Blackspot In Natural Brassica rapa Populations On the California and Oregon Coasts. MadroÃ±o, 2016, 63, 249.	0.3	2
11	Rapid genomeâ€wide evolution in Brassica rapa populations following drought revealed by sequencing of ancestral and descendant gene pools. Molecular Ecology, 2016, 25, 3622-3631.	2.0	79
12	Ancestral Resurrection of the Drosophila S2E Enhancer Reveals Accessible Evolutionary Paths through Compensatory Change. Molecular Biology and Evolution, 2014, 31, 903-916.	3.5	18
13	Coalescent versus Concatenation Methods and the Placement of Amborella as Sister to Water Lilies. Systematic Biology, 2014, 63, 919-932.	2.7	166
14	Massive Mitochondrial Gene Transfer in a Parasitic Flowering Plant Clade. PLoS Genetics, 2013, 9, e1003265.	1.5	115
15	Nonlinear Fitness Consequences of Variation in Expression Level of a Eukaryotic Gene. Molecular Biology and Evolution, 2013, 30, 448-456.	3.5	46
16	Coevolution Trumps Pleiotropy: Carbon Assimilation Traits Are Independent of Metabolic Network Structure in Budding Yeast. PLoS ONE, 2013, 8, e54403.	1.1	8
17	Phylogenomics and Coalescent Analyses Resolve Extant Seed Plant Relationships. PLoS ONE, 2013, 8, e80870.	1.1	69
18	Horizontal transfer of expressed genes in a parasitic flowering plant. BMC Genomics, 2012, 13, 227.	1.2	90

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19	Contribution of Transcription Factor Binding Site Motif Variants to Condition-Specific Gene Expression Patterns in Budding Yeast. PLoS ONE, 2012, 7, e32274.	1.1	0
20	Common fragile sites are characterized by histone hypoacetylation. Human Molecular Genetics, 2009, 18, 4501-4512.	1.4	48
21	Sulfate Activation Enzymes: Phylogeny and Association with Pyrophosphatase. Journal of Molecular Evolution, 2009, 68, 1-13.	0.8	22
22	Strong mitochondrial DNA support for a Cretaceous origin of modern avian lineages. BMC Biology, 2008, 6, 6.	1.7	208
23	The deepest divergences in land plants inferred from phylogenomic evidence. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15511-15516.	3.3	579
24	Phylogenetic Analyses of Basal Angiosperms Based on Nine Plastid, Mitochondrial, and Nuclear Genes. International Journal of Plant Sciences, 2005, 166, 815-842.	0.6	162
25	Interaction of Human HSP22 (HSPB8) with Other Small Heat Shock Proteins. Journal of Biological Chemistry, 2004, 279, 2394-2402.	1.6	121
26	SARS associated coronavirus has a recombinant polymerase and coronaviruses have a history of host-shifting. Infection, Genetics and Evolution, 2003, 3, 219-225.	1.0	88
27	Molecular systematics of primary reptilian lineages and the tuatara mitochondrial genome. Molecular Phylogenetics and Evolution, 2003, 29, 289-297.	1.2	169
28	Differential Rates of Evolution for the ZFY-Related Zinc Finger Genes, Zfy, Zfx, and Zfa in the Mouse Genus Mus. Molecular Biology and Evolution, 2003, 20, 999-1005.	3.5	20
29	Retroids in Archaea: Phylogeny and Lateral Origins. Molecular Biology and Evolution, 2003, 20, 1134-1142.	3.5	71
30	The sperm outer dense fiber protein is the 10th member of the superfamily of mammalian small stress proteins. Cell Stress and Chaperones, 2003, 8, 62.	1.2	134
31	rtREV: An Amino Acid Substitution Matrix for Inference of Retrovirus and Reverse Transcriptase Phylogeny. Journal of Molecular Evolution, 2002, 55, 65-73.	0.8	214
32	Distribution of DHPS Mutations Among ITS Subtypes of P. carinii f. sp. hominis. Journal of Eukaryotic Microbiology, 2001, 48, 126s-128s.	0.8	8