

# Stephen A Smith

## List of Publications by Citations

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179  
papers

15,124  
citations

51  
h-index

122  
g-index

202  
ext. papers

18,600  
ext. citations

6.8  
avg. IF

7  
L-index

#	Paper	IF	Citations
179	Broad phylogenomic sampling improves resolution of the animal tree of life. <i>Nature</i> , <b>2008</b> , 452, 745-9	50.4	1516
178	Maximum likelihood inference of geographic range evolution by dispersal, local extinction, and cladogenesis. <i>Systematic Biology</i> , <b>2008</b> , 57, 4-14	8.4	1501
177	Three keys to the radiation of angiosperms into freezing environments. <i>Nature</i> , <b>2014</b> , 506, 89-92	50.4	896
176	The origins of C4 grasslands: integrating evolutionary and ecosystem science. <i>Science</i> , <b>2010</b> , 328, 587-91	33.3	698
175	Rates of molecular evolution are linked to life history in flowering plants. <i>Science</i> , <b>2008</b> , 322, 86-9	33.3	558
174	Angiosperm phylogeny: 17 genes, 640 taxa. <i>American Journal of Botany</i> , <b>2011</b> , 98, 704-30	2.7	493
173	The genome of the ctenophore <i>Mnemiopsis leidyi</i> and its implications for cell type evolution. <i>Science</i> , <b>2013</b> , 342, 1242592	33.3	466
172	Rates of speciation and morphological evolution are correlated across the largest vertebrate radiation. <i>Nature Communications</i> , <b>2013</b> , 4, 1958	17.4	409
171	Phyutility: a phyloinformatics tool for trees, alignments and molecular data. <i>Bioinformatics</i> , <b>2008</b> , 24, 715-6	7.2	407
170	Synthesis of phylogeny and taxonomy into a comprehensive tree of life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 12764-9	11.5	400
169	New grass phylogeny resolves deep evolutionary relationships and discovers C4 origins. <i>New Phytologist</i> , <b>2012</b> , 193, 304-12	9.8	334
168	treePL: divergence time estimation using penalized likelihood for large phylogenies. <i>Bioinformatics</i> , <b>2012</b> , 28, 2689-90	7.2	324
167	Species selection maintains self-incompatibility. <i>Science</i> , <b>2010</b> , 330, 493-5	33.3	321
166	Resolving the evolutionary relationships of molluscs with phylogenomic tools. <i>Nature</i> , <b>2011</b> , 480, 364-7	50.4	302
165	An uncorrelated relaxed-clock analysis suggests an earlier origin for flowering plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 5897-902	11.5	297
164	Constructing a broadly inclusive seed plant phylogeny. <i>American Journal of Botany</i> , <b>2018</b> , 105, 302-314	2.7	278
163	Phylogenetic analyses reveal the shady history of C4 grasses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 2532-7	11.5	246

162	Patterns in the assembly of temperate forests around the Northern Hemisphere. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 359, 1633-44	5.8	245
161	Climate, niche evolution, and diversification of the "bird-cage" evening primroses ( <i>Oenothera</i> , sections <i>Anogra</i> and <i>Kleinia</i> ). <i>American Naturalist</i> , <b>2009</b> , 173, 225-40	3.7	218
160	Mega-phylogeny approach for comparative biology: an alternative to supertree and supermatrix approaches. <i>BMC Evolutionary Biology</i> , <b>2009</b> , 9, 37	3	194
159	Analysis of phylogenomic datasets reveals conflict, concordance, and gene duplications with examples from animals and plants. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 150	3	182
158	Evolutionary history of the angiosperm flora of China. <i>Nature</i> , <b>2018</b> , 554, 234-238	50.4	176
157	Orthology inference in nonmodel organisms using transcriptomes and low-coverage genomes: improving accuracy and matrix occupancy for phylogenomics. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 3081-92	8.3	161
156	A Comparison of Pan Trap and Intensive Net Sampling Techniques for Documenting a Bee (Hymenoptera: Apiformes) Fauna. <i>Journal of the Kansas Entomological Society</i> , <b>2007</b> , 80, 179-181	0.5	161
155	Pan-arthropod analysis reveals somatic piRNAs as an ancestral defence against transposable elements. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 174-181	12.3	155
154	PFIESTERIA PISCICIDA GEN. ET SP. NOV. (PFIESTERIACEAE FAM. NOV.), A NEW TOXIC DINOFLAGELLATE WITH A COMPLEX LIFE CYCLE AND BEHAVIOR1. <i>Journal of Phycology</i> , <b>1996</b> , 32, 157-164	1.6	153
153	Dissecting Molecular Evolution in the Highly Diverse Plant Clade Caryophyllales Using Transcriptome Sequencing. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2001-14	8.3	149
152	Optimizing de novo assembly of short-read RNA-seq data for phylogenomics. <i>BMC Genomics</i> , <b>2013</b> , 14, 328	4.5	148
151	Understanding angiosperm diversification using small and large phylogenetic trees. <i>American Journal of Botany</i> , <b>2011</b> , 98, 404-14	2.7	143
150	The bien r package: A tool to access the Botanical Information and Ecology Network (BIEN) database. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 373-379	7.7	131
149	Phylogenomic Analyses Support Traditional Relationships within Cnidaria. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139068	3.7	128
148	The Horseshoe Crab, <i>Limulus polyphemus</i> : 200 Million Years of Existence, 100 Years of Study. <i>Reviews in Fisheries Science</i> , <b>2002</b> , 10, 39-73		119
147	Phyx: phylogenetic tools for unix. <i>Bioinformatics</i> , <b>2017</b> , 33, 1886-1888	7.2	114
146	10KP: A phylodiverse genome sequencing plan. <i>GigaScience</i> , <b>2018</b> , 7, 1-9	7.6	108
145	Lineage-specific gene radiations underlie the evolution of novel betalain pigmentation in Caryophyllales. <i>New Phytologist</i> , <b>2015</b> , 207, 1170-80	9.8	104

144	RAXML-Light: a tool for computing terabyte phylogenies. <i>Bioinformatics</i> , <b>2012</b> , 28, 2064-6	7.2	102
143	Nonlesions, misdiagnoses, missed diagnoses, and other interpretive challenges in fish histopathology studies: a guide for investigators, authors, reviewers, and readers. <i>Toxicologic Pathology</i> , <b>2015</b> , 43, 297-325	2.1	99
142	Life history influences rates of climatic niche evolution in flowering plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 4345-52	4.4	99
141	Quartet Sampling distinguishes lack of support from conflicting support in the green plant tree of life. <i>American Journal of Botany</i> , <b>2018</b> , 105, 385-403	2.7	95
140	Functional distinctiveness of major plant lineages. <i>Journal of Ecology</i> , <b>2014</b> , 102, 345-356	6	87
139	Bioactive endophytes warrant intensified exploration and conservation. <i>PLoS ONE</i> , <b>2008</b> , 3, e3052	3.7	80
138	180 Comparative Pharmacokinetics of Flunixin Meglumine and Meloxicam in Tilapia ( <i>Oreochromis Spp.</i> ). <i>Journal of Animal Science</i> , <b>2021</b> , 99, 3-3	0.7	78
137	Combining historical biogeography with niche modeling in the Caprifolium clade of Lonicera (Caprifoliaceae, Dipsacales). <i>Systematic Biology</i> , <b>2010</b> , 59, 322-41	8.4	77
136	Taking into account phylogenetic and divergence-time uncertainty in a parametric biogeographical analysis of the Northern Hemisphere plant clade Caprifoliaceae. <i>Journal of Biogeography</i> , <b>2009</b> , 36, 2324-2337	4.1	75
135	Removal of <i>Toxoplasma gondii</i> oocysts from sea water by eastern oysters ( <i>Crassostrea virginica</i> ). <i>Journal of Eukaryotic Microbiology</i> , <b>2001</b> , Suppl, 197S-198S	3.6	70
134	So many genes, so little time: A practical approach to divergence-time estimation in the genomic era. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197433	3.7	70
133	Exploration of Plastid Phylogenomic Conflict Yields New Insights into the Deep Relationships of Leguminosae. <i>Systematic Biology</i> , <b>2020</b> , 69, 613-622	8.4	64
132	Another look at the root of the angiosperms reveals a familiar tale. <i>Systematic Biology</i> , <b>2014</b> , 63, 368-82	8.4	59
131	Relaxation of tyrosine pathway regulation underlies the evolution of betalain pigmentation in Caryophyllales. <i>New Phytologist</i> , <b>2018</b> , 217, 896-908	9.8	53
130	Non-equilibrium dynamics and floral trait interactions shape extant angiosperm diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	53
129	Historical biogeography of the endemic Campanulaceae of Crete. <i>Journal of Biogeography</i> , <b>2009</b> , 36, 1253-1269	4.1	52
128	Identification of Bacterial Pathogens in Biofilms of Recirculating Aquaculture Systems. <i>Journal of Aquatic Food Product Technology</i> , <b>2004</b> , 13, 125-133	1.6	50
127	Improved transcriptome sampling pinpoints 26 ancient and more recent polyploidy events in Caryophyllales, including two allopolyploidy events. <i>New Phytologist</i> , <b>2018</b> , 217, 855-870	9.8	48

126	Analyzing Contentious Relationships and Outlier Genes in Phylogenomics. <i>Systematic Biology</i> , <b>2018</b> , 67, 916-924	8.4	48
125	Plastid phylogenomic insights into the evolution of Caryophyllales. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 134, 74-86	4.1	47
124	From cacti to carnivores: Improved phylotranscriptomic sampling and hierarchical homology inference provide further insight into the evolution of Caryophyllales. <i>American Journal of Botany</i> , <b>2018</b> , 105, 446-462	2.7	46
123	An r package and online resource for macroevolutionary studies using the ray-finned fish tree of life. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 1118-1124	7.7	45
122	Widespread paleopolyploidy, gene tree conflict, and recalcitrant relationships among the carnivorous Caryophyllales. <i>American Journal of Botany</i> , <b>2017</b> , 104, 858-867	2.7	44
121	The Past Sure is Tense: On Interpreting Phylogenetic Divergence Time Estimates. <i>Systematic Biology</i> , <b>2018</b> , 67, 340-353	8.4	41
120	Modulation of innate immunity in Nile tilapia ( <i>Oreochromis niloticus</i> ) by dietary supplementation of <i>Bacillus subtilis</i> endospores. <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 83, 171-179	4.3	41
119	Algorithms, data structures, and numerics for likelihood-based phylogenetic inference of huge trees. <i>BMC Bioinformatics</i> , <b>2011</b> , 12, 470	3.6	40
118	Some limitations of public sequence data for phylogenetic inference (in plants). <i>PLoS ONE</i> , <b>2014</b> , 9, e98936	3.6	38
117	Efficacy of Common Disinfectants against <i>Mycobacterium marinum</i> . <i>Journal of Aquatic Animal Health</i> , <b>2005</b> , 17, 284-288	2.6	38
116	Laboratory culture and maintenance of the horseshoe crab ( <i>Limulus polyphemus</i> ). <i>Lab Animal</i> , <b>2005</b> , 34, 27-34	0.4	38
115	Differential gene expression in the siphonophore <i>Nanomia bijuga</i> (Cnidaria) assessed with multiple next-generation sequencing workflows. <i>PLoS ONE</i> , <b>2011</b> , 6, e22953	3.7	34
114	Elucidating the evolutionary history of the Southeast Asian, holoparasitic, giant-flowered Rafflesiaceae: pliocene vicariance, morphological convergence and character displacement. <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 57, 620-33	4.1	32
113	Disparity, diversity, and duplications in the Caryophyllales. <i>New Phytologist</i> , <b>2018</b> , 217, 836-854	9.8	31
112	Differences between Plasma and Serum Samples for the Evaluation of Blood Chemistry Values in Rainbow Trout, Channel Catfish, Hybrid Tilapias, and Hybrid Striped Bass. <i>Journal of Aquatic Animal Health</i> , <b>1999</b> , 11, 116-122	2.6	30
111	Disentangling Sources of Gene Tree Discordance in Phylogenomic Data Sets: Testing Ancient Hybridizations in Amaranthaceae s.l. <i>Systematic Biology</i> , <b>2021</b> , 70, 219-235	8.4	30
110	Nuclear phylogenomic analyses of asterids conflict with plastome trees and support novel relationships among major lineages. <i>American Journal of Botany</i> , <b>2020</b> , 107, 790-805	2.7	29
109	A roadmap for global synthesis of the plant tree of life. <i>American Journal of Botany</i> , <b>2018</b> , 105, 614-622	2.7	29

108	Production of omega-3 enriched tilapia through the dietary use of algae meal or fish oil: Improved nutrient value of fillet and offal. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194241	3.7	28
107	Phylogenetic Conflicts, Combinability, and Deep Phylogenomics in Plants. <i>Systematic Biology</i> , <b>2020</b> , 69, 579-592	8.4	26
106	Evolution of L-DOPA 4,5-dioxygenase activity allows for recurrent specialisation to betalain pigmentation in Caryophyllales. <i>New Phytologist</i> , <b>2020</b> , 227, 914-929	9.8	26
105	Spatial Phylogenetics of Florida Vascular Plants: The Effects of Calibration and Uncertainty on Diversity Estimates. <i>IScience</i> , <b>2019</b> , 11, 57-70	6.1	25
104	-----Widespread conservation and lineage-specific diversification of genome-wide DNA methylation patterns across arthropods. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008864	6	24
103	Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids. <i>American Journal of Botany</i> , <b>2018</b> , 105, 433-445	2.7	24
102	Analyzing and synthesizing phylogenies using tree alignment graphs. <i>PLoS Computational Biology</i> , <b>2013</b> , 9, e1003223	5	24
101	Increasing data transparency and estimating phylogenetic uncertainty in supertrees: Approaches using nonparametric bootstrapping. <i>Systematic Biology</i> , <b>2006</b> , 55, 662-76	8.4	24
100	Bayesian and likelihood phylogenetic reconstructions of morphological traits are not discordant when taking uncertainty into consideration: a comment on Puttick □ <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	23
99	Phylesystem: a git-based data store for community-curated phylogenetic estimates. <i>Bioinformatics</i> , <b>2015</b> , 31, 2794-800	7.2	22
98	Plant Functional Diversity and the Biogeography of Biomes in North and South America. <i>Frontiers in Ecology and Evolution</i> , <b>2018</b> , 6,	3.7	22
97	Assessing reserve effectiveness: Application to a threatened species in a dynamic fire prone forest landscape. <i>Ecological Modelling</i> , <b>2016</b> , 338, 90-100	3	21
96	Evolution of Portulacineae Marked by Gene Tree Conflict and Gene Family Expansion Associated with Adaptation to Harsh Environments. <i>Molecular Biology and Evolution</i> , <b>2019</b> , 36, 112-126	8.3	21
95	A matter of phylogenetic scale: Distinguishing incomplete lineage sorting from lateral gene transfer as the cause of gene tree discord in recent versus deep diversification histories. <i>American Journal of Botany</i> , <b>2018</b> , 105, 376-384	2.7	20
94	Photoreceptor fine structure in <i>Oreochromis niloticus</i> L. (Cichlidae; Teleostei) in light- and dark-adaptation. <i>The Anatomical Record</i> , <b>1998</b> , 252, 453-61		19
93	Radiographic evaluation of cardiac size in four Falconiform species <b>2010</b> , 24, 222-6		18
92	Hematological assessment in pet rabbits: blood sample collection and blood cell identification. <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , <b>2015</b> , 18, 9-19	0.9	17
91	On the Tempo of Genome Size Evolution in Angiosperms. <i>Journal of Botany</i> , <b>2010</b> , 2010, 1-8	0	17

90	PyPHLAWD: A python tool for phylogenetic dataset construction. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 104-108	7.7	17
89	An efficient field and laboratory workflow for plant phylotranscriptomic projects. <i>Applications in Plant Sciences</i> , <b>2017</b> , 5, 1600128	2.3	16
88	Estimation of total hemolymph volume in the horseshoe crab <i>Limulus polyphemus</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , <b>2005</b> , 38, 139-147	1.1	16
87	Current climate, isolation and history drive global patterns of tree phylogenetic endemism. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 4-15	6.1	16
86	Hematologic assessment in pet rats, mice, hamsters, and gerbils: blood sample collection and blood cell identification. <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , <b>2015</b> , 18, 21-32	0.9	15
85	The development of scientific consensus: Analyzing conflict and concordance among avian phylogenies. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 116, 69-77	4.1	15
84	Efficacy of Common Aquaculture Compounds for Disinfection of <i>Aeromonas hydrophila</i> , <i>A. salmonicida</i> subsp. <i>salmonicida</i> , and <i>A. salmonicida</i> subsp. <i>achromogenes</i> at Various Temperatures. <i>North American Journal of Aquaculture</i> , <b>2011</b> , 73, 456-461	1.5	15
83	Heterogeneous molecular processes among the causes of how sequence similarity scores can fail to recapitulate phylogeny. <i>Briefings in Bioinformatics</i> , <b>2017</b> , 18, 451-457	13.4	14
82	PUMPER: phylogenies updated perpetually. <i>Bioinformatics</i> , <b>2014</b> , 30, 1476-7	7.2	14
81	A consensus phylogenomic approach highlights paleopolyploid and rapid radiation in the history of Ericales. <i>American Journal of Botany</i> , <b>2020</b> , 107, 773-789	2.7	13
80	Culture and maintenance of selected invertebrates in the laboratory and classroom. <i>ILAR Journal</i> , <b>2011</b> , 52, 153-64	1.7	13
79	Response of Bacterial Biofilms in Recirculating Aquaculture Systems to Various Sanitizers. <i>Journal of Applied Aquaculture</i> , <b>2008</b> , 20, 79-92	0.8	13
78	Occurrence of Rodlet Cells and Associated Lesions in the Vascular System of Freshwater Angelfish. <i>Journal of Aquatic Animal Health</i> , <b>1995</b> , 7, 63-69	2.6	13
77	Communications: Detection of Anti-Amyloodinium ocellatum Antibody from Cultured Hybrid Striped Bass ( <i>Morone saxatilis</i> L. chrysops) during an Epizootic of Amyloodiniosis. <i>Journal of Aquatic Animal Health</i> , <b>1994</b> , 6, 79-81	2.6	13
76	Target sequence capture in the Brazil nut family (Lecythidaceae): Marker selection and in silico capture from genome skimming data. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 135, 98-104	4.1	12
75	Hematologic Assessment in Pet Rats, Mice, Hamsters, and Gerbils: Blood Sample Collection and Blood Cell Identification. <i>Clinics in Laboratory Medicine</i> , <b>2015</b> , 35, 629-40	2.1	12
74	Integration of genomic and clinical data augments surveillance of healthcare-acquired infections. <i>Infection Control and Hospital Epidemiology</i> , <b>2019</b> , 40, 649-655	2	11
73	Spatial phylogenetics of the North American flora. <i>Journal of Systematics and Evolution</i> , <b>2020</b> , 58, 393-405	5.9	11



72	Hematological assessment in pet guinea pigs ( <i>Cavia porcellus</i> ): blood sample collection and blood cell identification. <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , <b>2015</b> , 18, 33-40	0.9	10
71	Using and navigating the plant tree of life. <i>American Journal of Botany</i> , <b>2018</b> , 105, 287-290	2.7	9
70	Efficacy of Common Aquaculture Compounds for Disinfection of <i>Flavobacterium columnare</i> and <i>F. psychrophilum</i> . <i>Journal of Applied Aquaculture</i> , <b>2012</b> , 24, 262-270	0.8	9
69	Patella of selected bats: patterns of occurrence or absence and associated modifications of the quadriceps femoris tendon. <i>The Anatomical Record</i> , <b>1995</b> , 242, 575-80		9
68	Gene duplications and phylogenomic conflict underlie major pulses of phenotypic evolution in gymnosperms. <i>Nature Plants</i> , <b>2021</b> , 7, 1015-1025	11.5	9
67	Congruence and Conflict in the Higher-Level Phylogenetics of Squamate Reptiles: An Expanded Phylogenomic Perspective. <i>Systematic Biology</i> , <b>2021</b> , 70, 542-557	8.4	9
66	Phylogenomic conflict coincides with rapid morphological innovation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
65	Hematological Assessment in Pet Rabbits: Blood Sample Collection and Blood Cell Identification. <i>Clinics in Laboratory Medicine</i> , <b>2015</b> , 35, 617-27	2.1	7
64	Analysis of microcystin-LR and nodularin using triple quad liquid chromatography-tandem mass spectrometry and histopathology in experimental fish. <i>Toxicol</i> , <b>2017</b> , 138, 82-88	2.8	7
63	Hematologic and plasma chemistry RIs for cultured Striped catfish ( <i>Pangasius hypophthalmus</i> ) in recirculating aquaculture systems. <i>Veterinary Clinical Pathology</i> , <b>2017</b> , 46, 457-465	1	7
62	Hematology of the domestic ferret ( <i>Mustela putorius furo</i> ). <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , <b>2015</b> , 18, 1-8	0.9	6
61	Trace minerals in tilapia fillets: Status in the United States marketplace and selenium supplementation strategy for improving consumer health. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217043	3.7	5
60	Fine structure of the retinal pigment epithelium of <i>Oreochromis niloticus</i> L. (Cichlidae; Teleostei) in light- and-dark adaptation. <i>The Anatomical Record</i> , <b>1998</b> , 252, 444-52		5
59	Nonlethal clinical techniques used in the diagnosis of diseases of fish. <i>Journal of the American Veterinary Medical Association</i> , <b>2002</b> , 220, 1203-6, 1162	1	5
58	Chloranthus genome provides insights into the early diversification of angiosperms. <i>Nature Communications</i> , <b>2021</b> , 12, 6930	17.4	5
57	Evolution of carnivory in angiosperms <b>2018</b> ,		5
56	Intragenic Conflict in Phylogenomic Data Sets. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 3380-3388	8.3	5
55	Hematology of the Domestic Ferret ( <i>Mustela putorius furo</i> ). <i>Clinics in Laboratory Medicine</i> , <b>2015</b> , 35, 609-16	2.1	4



54	Morphogenera, monophyly, and macroevolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, E97-8; author reply E99-100	11.5	4
53	Phylogenomic analyses support traditional relationships within Cnidaria		4
52	Analyzing contentious relationships and outlier genes in phylogenomics		4
51	Noise does not equal bias in assessing the evolutionary history of the angiosperm flora of China: A response to Qian (2019). <i>Journal of Biogeography</i> , <b>2020</b> , 47, 2286-2291	4.1	3
50	Characterization of the histologic appearance of normal gill tissue using special staining techniques. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2018</b> , 30, 688-698	1.5	3
49	Zanne et al. reply. <i>Nature</i> , <b>2015</b> , 521, E6-7	50.4	3
48	Inferring and Postprocessing Huge Phylogenies <b>2013</b> , 1049-1072		3
47	Renomegaly Associated with a Mycobacterial Infection in Summer Flounder <i>Paralichthys dentatus</i> .. <i>Fish Pathology</i> , <b>2002</b> , 37, 83-86	0.8	3
46	Cause of gene tree discord? Distinguishing incomplete lineage sorting and lateral gene transfer in phylogenetics		
45	Phylesystem: a git-based data store for community curated phylogenetic estimates		3
44	Quartet Sampling distinguishes lack of support from conflicting support in the plant tree of life		3
43	Disentangling Sources of Gene Tree Discordance in Phylogenomic Datasets: Testing Ancient Hybridizations in Amaranthaceae s.l		3
42	Synthesizing tree biodiversity data to understand global patterns and processes of vegetation. <i>Journal of Vegetation Science</i> , <b>2021</b> , 32, e13021	3.1	3
41	Hematological Assessment in Pet Guinea Pigs ( <i>Cavia porcellus</i> ): Blood Sample Collection and Blood Cell Identification. <i>Clinics in Laboratory Medicine</i> , <b>2015</b> , 35, 641-8	2.1	2
40	Testing the waters: IACUC issues associated with fish. <i>ILAR Journal</i> , <b>2009</b> , 50, 397-401	1.7	2
39	Comparative Pharmacokinetics and Tissue Concentrations of Flunixin Meglumine and Meloxicam in Tilapia ( <i>Oreochromis spp.</i> ). <i>Fishes</i> , <b>2021</b> , 6, 68	2.5	2
38	Disentangling biological and analytical factors that give rise to outlier genes in phylogenomic matrices		2
37	<i>Cryptobia iubilans</i> Infections in Discus Fish in Trinidad and Tobago. <i>Journal of Parasitology</i> , <b>2020</b> , 106, 506-512	0.9	2

36	Exploring the phylogeny of rosids with a five-locus supermatrix from GenBank		2
35	Concordance-based approaches for the inference of relationships and molecular rates with phylogenomic datasets. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	2
34	Zebrafish resources on the internet. <i>ILAR Journal</i> , <b>2012</b> , 53, 208-14	1.7	1
33	Invertebrate resources on the internet. <i>ILAR Journal</i> , <b>2011</b> , 52, 165-74	1.7	1
32	Incidence of Pathogenic Microorganisms in Aquacultured Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Aquatic Food Product Technology</i> , <b>2005</b> , 14, 95-105	1.6	1
31	Phylogenomic conflict coincides with rapid morphological innovation		1
30	Phylogenetic conflicts, combinability, and deep phylogenomics in plants		1
29	The evolutionary assembly of forest communities along environmental gradients: recent diversification or sorting of pre-adapted clades?		1
28	So many genes, so little time: a practical approach to divergence-time estimation in the genomic era		1
27	Improved transcriptome sampling pinpoints 26 paleopolyploidy events in Caryophyllales, including two paleo-allopolyploidy events		1
26	An efficient field and laboratory workflow for plant phylotranscriptomic projects1		1
25	Widespread paleopolyploidy, gene tree conflict, and recalcitrant relationships among the carnivorous Caryophyllales		1
24	The Past Sure Is Tense: On Interpreting Phylogenetic Divergence Time Estimates		1
23	Disparity, Diversity, and Duplications in the Caryophyllales		1
22	Categorical edge-based analyses of phylogenomic data reveal conflicting signals for difficult relationships in the avian tree		1
21	A targeted phylogenetic approach helps explain New World functional diversity patterns of two eudicot lineages. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 202-215	4.1	1
20	Impact of a yeast-based dietary supplement on the intestinal microbiome of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture Research</i> , <b>2021</b> , 52, 1594-1604	1.9	1
19	Epidemiological and clinical features of Pantone-Valentine Leukocidin positive <i>Staphylococcus aureus</i> bacteremia: A case-control study.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0265476	3.7	1

18	Contrasting patterns of phylogenetic diversity and alpine specialization across the alpine flora of the American mountain range system. <i>Alpine Botany</i> , 1	2.5	0
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15	The evolutionary assembly of forest communities along environmental gradients: recent diversification or sorting of pre-adapted clades?. <i>New Phytologist</i> , <b>2021</b> , 232, 2506-2519	9.8	0
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9	Fish and chips: Curious to know what those little white spots might be on your next fish?. <i>Veterinary Clinical Pathology</i> , <b>2016</b> , 45, 213-4	1	
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7	Pathology in Practice.. <i>Journal of the American Veterinary Medical Association</i> , <b>2021</b> , 1-3	1	
6	▣▣▣▣Widespread conservation and lineage-specific diversification of genome-wide DNA methylation patterns across arthropods <b>2020</b> , 16, e1008864		
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3	▣▣▣▣Widespread conservation and lineage-specific diversification of genome-wide DNA methylation patterns across arthropods <b>2020</b> , 16, e1008864		
2	▣▣▣▣Widespread conservation and lineage-specific diversification of genome-wide DNA methylation patterns across arthropods <b>2020</b> , 16, e1008864		
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