

# Rodney L Honeycutt

## List of Publications by Year in descending order

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89  
papers

5,577  
citations

117625

34  
h-index

82547

72  
g-index

90  
all docs

90  
docs citations

90  
times ranked

6581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of the Cretaceous Terrestrial Revolution and KPg Extinction on Mammal Diversification. <i>Science</i> , 2011, 334, 521-524.	12.6	1,264
2	Multiple and Ancient Origins of the Domestic Dog. <i>Science</i> , 1997, 276, 1687-1689.	12.6	878
3	Molecular Phylogeny and Divergence Time Estimates for Major Rodent Groups: Evidence from Multiple Genes. <i>Molecular Biology and Evolution</i> , 2001, 18, 777-791.	8.9	255
4	Are naked and common mole-rats eusocial and if so, why?. <i>Behavioral Ecology and Sociobiology</i> , 2000, 47, 293-303.	1.4	191
5	Whence the Red Panda?. <i>Molecular Phylogenetics and Evolution</i> , 2000, 17, 190-199.	2.7	155
6	Higher-level systematics of rodents and divergence time estimates based on two congruent nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 409-420.	2.7	139
7	THE MOLECULAR TOOLBOX: GENETIC TECHNIQUES IN WILDLIFE ECOLOGY AND MANAGEMENT. <i>Journal of Wildlife Management</i> , 2005, 69, 1362-1384.	1.8	139
8	Multilocus phylogeny and rapid radiations in Neotropical cichlid fishes (Perciformes: Cichlidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46</i>	2.7	138
9	Phylogenetic Relationships, Ecological Correlates, and Molecular Evolution Within the Cavoidea (Mammalia, Rodentia). <i>Molecular Biology and Evolution</i> , 2002, 19, 263-277.	8.9	120
10	TESTING FOR ANCIENT ADAPTIVE RADIATIONS IN NEOTROPICAL CICHLID FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, no-no.	2.3	111
11	Site specific rates of mitochondrial genomes and the phylogeny of eutheria. <i>BMC Evolutionary Biology</i> , 2007, 7, 8.	3.2	102
12	Genetic consequences of white-tailed deer ( <i>Odocoileus virginianus</i> ) restoration in Mississippi. <i>Molecular Ecology</i> , 2003, 12, 3237-3252.	3.9	90
13	Molecular systematics of the South American caviomorph rodents: relationships among species and genera in the family Octodontidae. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 476-489.	2.7	87
14	Molecular Evolution of Bat Color Vision Genes. <i>Molecular Biology and Evolution</i> , 2003, 21, 295-302.	8.9	86
15	Molecular phylogenetics and taxonomy of the African mole-rats, genus <i>Cryptomys</i> and the new genus <i>Coetomys</i> Gray, 1864. <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 997-1014.	2.7	85
16	Molecular phylogenetics, karyotypic diversity, and partition of the genus <i>Myotis</i> (Chiroptera:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142</i>	2.7	84
17	HISTORICAL POPULATION SIZE CHANGE OF BOWHEAD WHALES INFERRED FROM DNA SEQUENCE POLYMORPHISM DATA. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1678-1685.	2.3	72
18	Molecular clocks keep dispersal hypotheses afloat: evidence for trans-Atlantic rafting by rodents. <i>Journal of Biogeography</i> , 2010, 37, 305-324.	3.0	72

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19	Molecular phylogeny and evidence for an adaptive radiation of geophagine cichlids from South America (Perciformes: Labroidei). <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 227-244.	2.7	62
20	Diet-Morphology Correlations in the Radiation of South American Geophagine Cichlids (Perciformes: Labroidei). <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 227-244.	2.7	62
21	The phylogenetic position of the zokors (Myospalacinae) and comments on the families of muroids (Rodentia). <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 972-978.	2.7	54
22	MULTIPLE PATERNITY IN WHITE-TAILED DEER ( <i>ODOCOILEUS VIRGINIANUS</i> ) REVEALED BY DNA MICROSATELLITES. <i>Journal of Mammalogy</i> , 2002, 83, 884-892.	1.3	53
23	On the nomenclature of Bathyergidae and <i>Fukomys</i> n. gen. (Mammalia: Rodentia). <i>Zootaxa</i> , 2006, 1142, 51-55.	0.5	53
24	Molecular phylogenetics of myliobatiform fishes (Chondrichthyes: Myliobatiformes), with comments on the effects of missing data on parsimony and likelihood. <i>Molecular Phylogenetics and Evolution</i> , 2003, 27, 259-270.	2.7	52
25	Mitochondrial DNA Analysis of the Domestic Dog: Control Region Variation Within and Among Breeds. <i>Journal of Forensic Sciences</i> , 2007, 52, 562-572.	1.6	52
26	Prion protein gene (PRNP) variants and evidence for strong purifying selection in functionally important regions of bovine exon 3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15142-15147.	7.1	50
27	Morphology, molecules, and character congruence in the phylogeny of South American geophagine cichlids (Perciformes, Labroidei). <i>Zoologica Scripta</i> , 2005, 34, 627-651.	1.7	50
28	Stable isotope analysis reveals food web structure and watershed impacts along the fluvial gradient of a Mesoamerican coastal river. <i>River Research and Applications</i> , 2011, 27, 791-803.	1.7	50
29	Genetic differences in the response to landscape fragmentation by a habitat generalist, the bobcat, and a habitat specialist, the ocelot. <i>Conservation Genetics</i> , 2016, 17, 1093-1108.	1.5	49
30	Development of Microsatellite DNA Markers for the Automated Genetic Characterization of White-Tailed Deer Populations. <i>Journal of Wildlife Management</i> , 2002, 66, 67.	1.8	46
31	Molecular Evaluation of the White-tailed Deer ( <i>Odocoileus Virginianus</i> ) Mating System. <i>Journal of Mammalogy</i> , 2009, 90, 946-953.	1.3	43
32	Genetic Evidence for Tula Virus in <i>Microtus arvalis</i> and <i>Microtus agrestis</i> Populations in Croatia. <i>Vector-Borne and Zoonotic Diseases</i> , 2002, 2, 19-27.	1.5	41
33	Genetic relationships of American alligator populations distributed across different ecological and geographic scales. <i>The Journal of Experimental Zoology</i> , 2002, 294, 325-333.	1.4	40
34	TAXONOMIC STATUS OF WHITE-BACKED HOG-NOSED SKUNKS, GENUS <i>CONEPATUS</i> (CARNIVORA: MAMMALIA). <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 227-244.	2.7	62
35	Social Dominance and Male Breeding Success in Captive White-Tailed Deer. <i>Wildlife Society Bulletin</i> , 2006, 34, 131-136.	1.6	37
36	Evidence from Intron 1 of the Nuclear Transthyretin (Prealbumin) Gene for the Phylogeny of African Mole-Rats (Bathyergidae). <i>Molecular Phylogenetics and Evolution</i> , 2000, 16, 467-474.	2.7	36

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37	Morphology and Efficiency of a Specialized Foraging Behavior, Sediment Sifting, in Neotropical Cichlid Fishes. PLoS ONE, 2014, 9, e89832.	2.5	35
38	Microsatellite markers for the deer mouse <i>Peromyscus maniculatus</i> . Molecular Ecology, 2000, 9, 1669-1671.	3.9	33
39	Multi-locus phylogeny of dolphins in the subfamily Lissodelphininae: character synergy improves phylogenetic resolution. BMC Evolutionary Biology, 2006, 6, 87.	3.2	31
40	Microsatellite variation and evolution in the <i>Peromyscus maniculatus</i> species group. Molecular Phylogenetics and Evolution, 2005, 34, 408-415.	2.7	30
41	GENETIC STRUCTURE, DIVERSITY, AND HISTORICAL DEMOGRAPHY OF NEW ZEALAND'S DUSKY DOLPHIN ( <i>LAGENORHYNCHUS OBSCURUS</i> ). Journal of Mammalogy, 2003, 84, 702-717.	1.3	29
42	A simulation model of Mexican long-nosed bat ( <i>Leptonycteris nivalis</i> ) migration. Ecological Modelling, 2000, 134, 117-127.	2.5	25
43	Challenging the inbreeding hypothesis in a eusocial mammal: population genetics of the naked mole-rat, <i>Heterocephalus glaber</i> . Molecular Ecology, 2015, 24, 4848-4865.	3.9	25
44	Amphibian responses in the aftermath of extreme climate events. Scientific Reports, 2020, 10, 3409.	3.3	23
45	USE AND SELECTION OF WINTER HIBERNACULA BY THE EASTERN PIPITRELLA ( <i>PIPISTRELLUS SUBFLAVUS</i> ) IN TEXAS. Journal of Mammalogy, 2001, 82, 173-178.	1.3	22
46	Genetic diversity, population structure, and movements of mountain lions ( <i>Puma concolor</i> ) in Texas. Journal of Mammalogy, 2012, 93, 989-1000.	1.3	21
47	Microsatellite Variation in Two Populations of Mountain Lions ( <i>Puma concolor</i> ) in Texas. Southwestern Naturalist, 2000, 45, 196.	0.1	20
48	Mitochondrial DNA Variation and Phylogeography of the Ferruginous Pygmy-Owl ( <i>Glaucidium</i> )	1.5	19
49	Multi-locus phylogeography of the dusky dolphin ( <i>Lagenorhynchus obscurus</i> ): passive dispersal via the west-wind drift or response to prey species and climate change?. BMC Evolutionary Biology, 2007, 7, 131.	3.2	19
50	Effects of natural flooding and manual trapping on the facilitation of invasive crayfish-native amphibian coexistence in a semi-arid perennial stream. Journal of Arid Environments, 2013, 98, 109-112.	2.4	19
51	Loss of Genetic Diversity among Ocelots in the United States during the 20th Century Linked to Human Induced Population Reductions. PLoS ONE, 2014, 9, e89384.	2.5	19
52	Landscape-Genetic Analysis of Population Structure in the Texas Gray Fox Oral Rabies Vaccination Zone. Journal of Wildlife Management, 2009, 73, 1292-1299.	1.8	18
53	Relationships of <i>Exodontiella</i> , a non-alysiine, exodont member of the family Braconidae (Insecta,)	1.7	17
54	PHYLOGENETIC RELATIONSHIPS OF POCKET GOPHERS (GENUS <i>GEOMYS</i> ) BASED ON THE MITOCHONDRIAL 12S rRNA GENE. Journal of Mammalogy, 2000, 81, 1025-1034.	1.3	16

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55	Microsatellites from the South American Coruro, <i>Spalacopus cyanus</i> . <i>Molecular Ecology</i> , 2000, 9, 1447-1449.	3.9	15
56	Phylogeography of the bobwhite ( <i>Colinus</i> ) quails. <i>Wildlife Monographs</i> , 2016, 193, 1-49.	3.0	15
57	Food-web structure of coastal streams in Costa Rica revealed by dietary and stable isotope analyses. <i>Journal of Tropical Ecology</i> , 2011, 27, 463-476.	1.1	14
58	Urban coyotes are genetically distinct from coyotes in natural habitats. <i>Journal of Urban Ecology</i> , 2020, 6, .	1.5	14
59	PHYLOGENETIC RELATIONSHIPS OF OCELOT ( <i>LEOPARDUS PARDALIS ALBESCENS</i> ) POPULATIONS FROM THE TAMAULIPAN BIOTIC PROVINCE AND IMPLICATIONS FOR RECOVERY. <i>Southwestern Naturalist</i> , 2007, 52, 89-96.	0.1	12
60	Contemporary genetic structure of the northern bobwhite west of the Mississippi River. <i>Journal of Wildlife Management</i> , 2014, 78, 914-929.	1.8	12
61	Variable breeding dates among populations of white-tailed deer in the southern United States: The legacy of restocking?. <i>Journal of Wildlife Management</i> , 2015, 79, 1213-1225.	1.8	11
62	A discrete stage-structured model of California newt population dynamics during a period of drought. <i>Journal of Theoretical Biology</i> , 2017, 414, 245-253.	1.7	10
63	Rapid Whole Genome Amplification of DNA from Felids: Applications for Conservation Genetics. <i>Wildlife Society Bulletin</i> , 2006, 34, 1134-1141.	1.6	8
64	Genealogical Concordance and the Specific Status of <i>Peromyscus sejugis</i> . <i>Journal of Heredity</i> , 2006, 97, 340-345.	2.4	8
65	Phylogeography of the Scaled Quail in the American Southwest. <i>Western North American Naturalist</i> , 2014, 74, 18-32.	0.4	8
66	MITOCHONDRIAL DNA VARIATION AND PHYLOGEOGRAPHY OF THE EASTERN AND WESTERN SCREECH-OWLS. <i>Condor</i> , 2007, 109, 617.	1.6	7
67	Mitochondrial DNA Variation and Phylogeography of the Eastern and Western Screech-Owls. <i>Condor</i> , 2007, 109, 617-627.	1.6	7
68	Small changes, big results: evolution of morphological discontinuity in mammals. <i>Journal of Biology</i> , 2008, 7, 9.	2.7	7
69	Development of 12 new microsatellite markers for the naked mole-rat, <i>Heterocephalus glaber</i> . <i>Conservation Genetics Resources</i> , 2014, 6, 589-591.	0.8	7
70	Population Genetics of Southeastern Wood Ducks. <i>Journal of Wildlife Management</i> , 2001, 65, 745.	1.8	6
71	Cougars in Guadalupe Mountains National Park, Texas: Estimates of Occurrence and Distribution Using Analysis of DNA. <i>Southwestern Naturalist</i> , 2011, 56, 297-304.	0.1	6
72	Mitochondrial DNA sequence variation and the specific identification of deer mice ( <i>Peromyscus</i> ) from Triangle Island, British Columbia, Canada. <i>Canadian Journal of Zoology</i> , 2001, 79, 2257-2260.	1.0	5

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73	Population Structure of the Lower Keys Marsh Rabbit as Determined by Mitochondrial DNA Analysis. <i>Journal of Wildlife Management</i> , 2009, 73, 362-367.	1.8	5
74	Phylogeography of the Gambel's Quail ( <i>Callipepla gambelii</i> ) of western North America. <i>Wilson Journal of Ornithology</i> , 2014, 126, 218.	0.2	5
75	7. Genetic Variation within and among Populations of the Naked Mole-Rat: Evidence from Nuclear and Mitochondrial Genomes. , 2017, , 195-208.		5
76	Molecular phylogenetics of western deer mice ( <i>Peromyscus</i> ): Taxonomic and biogeographic implications. <i>Southwestern Naturalist</i> , 2017, 62, 129-137.	0.1	5
77	Unraveling the mysteries of dog evolution. <i>BMC Biology</i> , 2010, 8, 20.	3.8	4
78	Biodiversity discovery and its importance to conservation. , 0, , 1-34.		4
79	Variation in DNA microsatellites of the ferruginous pygmy-owl ( <i>Glaucidium brasilianum</i> ). <i>Conservation Genetics</i> , 2006, 7, 945-956.	1.5	3
80	Sexual Segregation and Genetic Relatedness in New Zealand. , 2010, , 195-209.		3
81	Isolation of Microsatellite Markers in a Chaparral Species Endemic to Southern California, <i>Ceanothus megacarpus</i> (Rhamnaceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1200393.	2.1	3
82	2. Systematics and Evolution of the Family Bathyergidae. , 2017, , 45-65.		3
83	Mitochondrial DNA variation of the ruffed grouse ( <i>Bonasa umbellus</i> ). <i>BMC Research Notes</i> , 2019, 12, 570.	1.4	3
84	Editorial: DNA Barcodes: Controversies, Mechanisms, and Future Applications. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	3
85	Whole Genome Amplification for Sequencing and Applications in Conservation Genetics. <i>Journal of Wildlife Management</i> , 2007, 71, 1357-1360.	1.8	2
86	VERTEBRATE INVENTORY OF RICHLAND CREEK WILDLIFE MANAGEMENT AREA IN EASTERN TEXAS. <i>Southwestern Naturalist</i> , 2004, 49, 528-534.	0.1	1
87	Phylogenetics of Caviomorph Rodents and Genetic Perspectives on the Evolution of Sociality and Mating Systems in the Caviidae. , 2013, , 61-81.		1
88	Genetic evidence indicates ecological divergence rather than geographic barriers structure Florida fox squirrels. <i>Journal of Mammalogy</i> , 2018, , .	1.3	1
89	Genetic Consequences of Fence Confinement in a Population of White-Tailed Deer. <i>Diversity</i> , 2021, 13, 126.	1.7	1