James L Patton

List of Publications by Year
in descending order

57 papers	5,041 citations	159585 30 h-index	149698 56 g-index
58 all docs	58 docs citations	58 times ranked	4351 citing authors

#	Article	IF	Citations
1	A new living species of degu, genus Octodon (Hystricomorpha: Octodontidae). Journal of Mammalogy, 2021, 102, 139-154.	1.3	2
2	Geographic variation and evolutionary history of Dipodomys nitratoides (Rodentia: Heteromyidae), a species in severe decline. Journal of Mammalogy, 2019, 100, 1546-1563.	1.3	1
3	Temporal genomic contrasts reveal rapid evolutionary responses in an alpine mammal during recent climate change. PLoS Genetics, 2019, 15, e1008119.	3.5	70
4	Evolutionary processes and its environmental correlates in the cranial morphology of western chipmunks (Tamias). Evolution; International Journal of Organic Evolution, 2017, 71, 595-609.	2.3	11
5	Distributional extensions of Carollia castanea and Micronycteris minuta from Guatemala, Central America. Mammalia, 2017, 82, 72-77.	0.7	1
6	The conundrum of subspecies: morphological diversity among desert populations of the California vole (Microtus californicus, Cricetidae). Journal of Mammalogy, 2017, 98, 1010-1026.	1.3	29
7	Morphological and dietary responses of chipmunks to a century of climate change. Global Change Biology, 2016, 22, 3233-3252.	9.5	29
8	Following the rivers: historical reconstruction of California volesMicrotus californicus(Rodentia: Cricetidae) in the deserts of eastern California. Biological Journal of the Linnean Society, 2016, 119, 80-98.	1.6	9
9	Transformational Principles for NEON Sampling of Mammalian Parasites and Pathogens: A Response to Springer and Colleagues. BioScience, 2016, 66, 917-919.	4.9	28
10	Revision of the Chiapan deer mouse,Peromyscus zarhynchus, with the description of a new species. Journal of Mammalogy, 2016, 97, 910-918.	1.3	8
11	Spatially heterogeneous impact of climate change on small mammals of montane California. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141857.	2.6	103
12	Phylogeography of the western jumping mouse (Zapus princeps) detects deep and persistent allopatry with expansion. Journal of Mammalogy, 2013, 94, 1016-1029.	1.3	17
13	Evaluation of species distribution models by resampling of sites surveyed a century ago by Joseph Grinnell. Ecography, 2013, 36, 1017-1031.	4.5	46
14	Cryptic genetic diversity in Rattus of the San Francisco Bay region, California. Biological Invasions, 2013, 15, 741-758.	2.4	28
15	Taxonomic revision of Bolivian Juscelinomys (Rodentia, Cricetidae) with notes on morphology and ecology. Mammalia, 2012, 76, .	0.7	6
16	Climate-induced range contraction drives genetic erosion in an alpine mammal. Nature Climate Change, 2012, 2, 285-288.	18.8	134
17	Biochemical relationships of the GalÃ¡pagos Giant tortoises (Geochelone elephantopus)*. Journal of Zoology, 2009, 195, 413-422.	1.7	29
18	Impact of a Century of Climate Change on Small-Mammal Communities in Yosemite National Park, USA. Science, 2008, 322, 261-264.	12.6	843

#	Article	IF	Citations
19	Analysis of Cytochrome-bNucleotide Diversity Confirms a Recent Range Expansion in Calomys musculinus (Rodentia, Muridae). Journal of Mammalogy, 2007, 88, 777-783.	1.3	17
20	Characterization of 18 microsatellite loci for woodrats of the Neotoma lepida group (Rodentia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.7	13
21	Phylogenetic relationships and karyotype evolution in the sigmodontine rodent Akodon (2n = 10 and) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	18
22	Ecomorphological diversification among South American spiny rats (Rodentia; Echimyidae): a phylogenetic and chronological approach. Molecular Phylogenetics and Evolution, 2005, 34, 601-615.	2.7	133
23	Geographic genetic architecture of pocket gopher (Thomomys bottae) populations in Baja California, Mexico. Molecular Ecology, 2004, 13, 2287-2301.	3.9	23
24	Title is missing!. Conservation Genetics, 2003, 4, 501-514.	1.5	15
25	Genetic footprints of demographic expansion in North America, but not Amazonia, during the Late Quaternary. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10331-10334.	7.1	346
26	New records of mammals from Iran with systematic comments on hedgehogs (Erinaceidae) and mouse-like hamsters (Calomyscus, Muridae). Zoology in the Middle East, 2002, 26, 49-58.	0.6	14
27	Evolution of South American spiny rats (Rodentia, Echimyidae): the star-phylogeny hypothesis revisited. Molecular Phylogenetics and Evolution, 2002, 25, 455-464.	2.7	87
28	DIVERSIFICATION IN THE GENUSAKODON(RODENTIA: SIGMODONTINAE) IN SOUTHEASTERN SOUTH AMERICA: MITOCHONDRIAL DNA SEQUENCE ANALYSIS. Journal of Mammalogy, 2001, 82, 92-101.	1.3	45
29	POPULATION GENETIC STRUCTURE OF TWO ECOLOGICALLY DISTINCT AMAZONIAN SPINY RATS: SEPARATING HISTORY AND CURRENT ECOLOGY. Evolution; International Journal of Organic Evolution, 2000, 54, 1423-1432.	2.3	65
30	Evolutionary diversification of spiny rats (genus Trinomys, Rodentia: Echimyidae) in the Atlantic Forest of Brazil. Zoological Journal of the Linnean Society, 2000, 130, 661-686.	2.3	69
31	MAMMALS OF THE RIO JURUÃ•AND THE EVOLUTIONARY AND ECOLOGICAL DIVERSIFICATION OF AMAZONIA. Bulletin of the American Museum of Natural History, 2000, 244, 1.	3.4	360
32	Title is missing!. Journal of Mammalian Evolution, 1999, 6, 89-128.	1.8	262
33	Title is missing!. International Journal of Primatology, 1999, 20, 1005-1028.	1.9	13
34	Molecular phylogeography and the evolution and conservation of Amazonian mammals. Molecular Ecology, 1998, 7, 475-486.	3.9	165
35	Relationships among didelphid marsupials based on sequence variation in the mitochondrial cytochrome B gene. Journal of Mammalian Evolution, 1996, 3, 3-29.	1.8	93
36	The Simultaneous Diversification of South American Echimyid Rodents (Hystricognathi) Based on Complete Cytochrome b Sequences. Molecular Phylogenetics and Evolution, 1996, 5, 403-413.	2.7	147

#	Article	IF	Citations
37	Gene Genealogy and Differentiation Among Arboreal Spiny rats (Rodentia: Echimyidae) of the Amazon Basin: A Test of the Riverine Barrier Hypothesis. Evolution; International Journal of Organic Evolution, 1994, 48, 1314.	2.3	72
38	GENE GENEALOGY AND DIFFERENTIATION AMONG ARBOREAL SPINY RATS (RODENTIA: ECHIMYIDAE) OF THE AMAZON BASIN: A TEST OF THE RIVERINE BARRIER HYPOTHESIS. Evolution; International Journal of Organic Evolution, 1994, 48, 1314-1323.	2.3	166
39	Amazonian Phylogeography: mtDNA Sequence Variation in Arboreal Echimyid Rodents (Caviomorpha). Molecular Phylogenetics and Evolution, 1993, 2, 243-255.	2.7	112
40	The diversification of South American murid rodents: evidence from mitochondrial DNA sequence data for the akodontine tribe. Biological Journal of the Linnean Society, 1993, 50, 149-177.	1.6	460
41	<scp>mt</scp> DNA PHYLOGENY OF ANDEAN MICE: A TEST OF DIVERSIFICATION ACROSS ECOLOGICAL GRADIENTS. Evolution; International Journal of Organic Evolution, 1992, 46, 174-183.	2.3	130
42	mtDNA Phylogeny of Andean Mice: A Test of Diversification Across Ecological Gradients. Evolution; International Journal of Organic Evolution, 1992, 46, 174.	2.3	110
43	The origin of eutherian mammals. Biological Journal of the Linnean Society, 1987, 32, 281-336.	1.6	103
44	Genome evolution in pocket gophers (genus Thomomys). Chromosoma, 1985, 92, 337-343.	2.2	27
45	Genetical processes in the Galapagos. Biological Journal of the Linnean Society, 1984, 21, 97-111.	1.6	27
46	Systematic status of the large squirrels (subgenusurosciurus)of the western Amazon basin. Studies on Neotropical Fauna and Environment, 1984, 19, 53-72.	1.0	1
47	DYNAMICS OF MORPHOLOGICAL DIFFERENTIATION: TEMPORAL IMPACT OF GENE FLOW IN POCKET GOPHER POPULATIONS. Evolution; International Journal of Organic Evolution, 1984, 38, 1079-1087.	2.3	19
48	MICROSPATIAL GENETIC HETEROGENEITY IN POCKET GOPHERS: NONâ€RANDOM BREEDING AND DRIFT. Evolution; International Journal of Organic Evolution, 1981, 35, 912-920.	2.3	96
49	PHYLOGENETIC AND ENVIRONMENTAL DETERMINANTS OF GEOGRAPHIC VARIATION OF THE POCKET MOUSE PEROGNATHUS GOLDMANI OSGOOD. Evolution; International Journal of Organic Evolution, 1980, 34, 888-903.	2.3	38
50	HYBRID ZONES IN THOMOMYS BOTTAE POCKET GOPHERS: GENETIC, PHENETIC, AND ECOLOGIC CONCORDANCE PATTERNS. Evolution; International Journal of Organic Evolution, 1979, 33, 860-876.	2.3	68
51	GENETIC VARIATION IN THOMOMYS BOTTAE POCKET GOPHERS: MACROGEOGRAPHIC PATTERNS. Evolution; International Journal of Organic Evolution, 1977, 31, 697-720.	2.3	157
52	B-chromosome systems in the pocket mouse, Perognathus baileyi: Meiosis and C-band studies. Chromosoma, 1977, 60, 1-14.	2.2	56
53	Systematic Relationships of the Four-Toed Populations of Dipodomys heermanni. Journal of Mammalogy, 1976, 57, 159-163.	1.3	13
54	PATTERNS OF GEOGRAPHIC VARIATION IN KARYOTYPE IN THE POCKET GOPHER,THOMOMYS BOTTAE(EYDOUX AND GERVAIS). Evolution; International Journal of Organic Evolution, 1972, 26, 574-586.	2.3	34

#	Article	IF	Citations
55	Karyotypic variation following an elevational gradient in the pocket gopher, Thomomys bottae grahamensis Goldman. Chromosoma, 1970, 31, 41-50.	2.2	35
56	Karyotypic Variation in the Pocket Mouse,Perognathus PenicillatusWoodhouse (Rodentia-Heteromyidae). Caryologia, 1969, 22, 351-358.	0.3	12
57	CHROMOSOME EVOLUTION IN THE POCKET MOUSE,PEROGNATHUS GOLDMANIOSGOOD. Evolution; International Journal of Organic Evolution, 1969, 23, 645-662.	2.3	23