Stuart E Parsons

List of Publications by Year
in descending order

68	2,187	218677	254184
papers	citations	26 h-index	43 g-index

72	72	72	2240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A continentalâ€scale tool for acoustic identification of <scp>E</scp>uropean bats. Journal of Applied Ecology, 2012, 49, 1064-1074.	4.0	144
2	Bat detectiveâ€”Deep learning tools for bat acoustic signal detection. PLoS Computational Biology, 2018, 14, e1005995.	3.2	128
3	Echolocation call intensity in the aerial hawking bat Eptesicus bottae (Vespertilionidae) studied using stereo videogrammetry. Journal of Experimental Biology, 2005, 208, 1321-1327.	1.7	103
4	Genetic divergence and echolocation call frequency in cryptic species of Hipposideros larvatus s.l. (Chiroptera: Hipposideridae) from the Indo-Malayan region. Biological Journal of the Linnean Society, 2006, 88, 119-130.	1.6	93
5	Kiwi Forego Vision in the Guidance of Their Nocturnal Activities. PLoS ONE, 2007, 2, e198.	2.5	91
6	Bats respond to polarity of a magnetic field. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2901-2905.	2.6	75
7	Terrestrial locomotion of the New Zealand short-tailed batMystacina tuberculataand the common vampire batDesmodus rotundus. Journal of Experimental Biology, 2006, 209, 1725-1736.	1.7	67
8	The Anatomy of the bill Tip of Kiwi and Associated Somatosensory Regions of the Brain: Comparisons with Shorebirds. PLoS ONE, 2013, 8, e80036.	2.5	59
9	The high-output singing displays of a lekking bat encode information on body size and individual identity. Behavioral Ecology and Sociobiology, 2018, 72, 1.	1.4	59
10	Female greater wax moths reduce sexual display behavior in relation to the potential risk of predation by echolocating bats. Behavioral Ecology, 2002, 13, 375-380.	2.2	58
11	Human vs. machine: identification of bat species from their echolocation calls by humans and by artificial neural networks. Canadian Journal of Zoology, 2008, 86, 371-377.	1.0	58
12	PHYLOGENETICS OF SMALL HORSESHOE BATS FROM EAST ASIA BASED ON MITOCHONDRIAL DNA SEQUENCE VARIATION. Journal of Mammalogy, 2006, 87, 1234-1240.	1.3	56
13	ADVANTAGES AND DISADVANTAGES OF TECHNIQUES FOR TRANSFORMING AND ANALYZING CHIROPTERAN ECHOLOCATION CALLS. Journal of Mammalogy, 2000, 81, 927-938.	1.3	54
14	Classification of Echolocation Calls from 14 Species of Bat by Support Vector Machines and Ensembles of Neural Networks. Algorithms, 2009, 2, 907-924.	2.1	54
15	Echolocation Calls and Wing Morphology of Bats from the West Indies. Acta Chiropterologica, 2004, 6, 75-90.	0.6	48
16	Positive emotional contagion in a New Zealand parrot. Current Biology, 2017, 27, R213-R214.	3.9	47
17	Recent Surveys of Bats (Mammalia: Chiroptera) from China. I. Rhinolophidae and Hipposideridae. Acta Chiropterologica, 2009, 11, 71-88.	0.6	46
18	Evolution of Brain Size in the Palaeognath Lineage, with an Emphasis on New Zealand Ratites. Brain, Behavior and Evolution, 2008, 71, 87-99.	1.7	45

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19	The Long and Short of It: Branch Lengths and the Problem of Placing the New Zealand Short-Tailed Bat, Mystacina. Molecular Phylogenetics and Evolution, 1999, 13, 405-416.	2.7	42
20	Identification of New Zealand bats (Chalinolobus tuberculatus and Mystacina tuberculata) in flight from analysis of echolocation calls by artificial neural networks. Journal of Zoology, 2001, 253, 447-456.	1.7	42
21	Evidence for an Auditory Fovea in the New Zealand Kiwi (Apteryx mantelli). PLoS ONE, 2011, 6, e23771.	2.5	42
22	Search-phase echolocation calls of the New Zealand lesser short-tailed bat (Mystacina) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (Zoology, 1997, 75, 1487-1494.	1.0	35
23	MRI of postmortem specimens of endangered species for comparative brain anatomy. Nature Protocols, 2008, 3, 597-605.	12.0	30
24	Seasonal occurrence and distribution of Bryde's whales in the Hauraki Gulf, New Zealand. Marine Mammal Science, 2011, 27, E253.	1.8	27
25	Morphometric Analysis of Telencephalic Structure in a Variety of Neognath and Paleognath Bird Species Reveals Regional Differences Associated with Specific Behavioral Traits. Brain, Behavior and Evolution, 2012, 80, 181-195.	1.7	27
26	Anatomical Specializations for Enhanced Olfactory Sensitivity in Kiwi, <i>Apteryx mantelli</i>. Brain, Behavior and Evolution, 2014, 84, 214-226.	1.7	27
27	Vocal repertoire of the New Zealand kea parrot Nestor notabilis. Environmental Epigenetics, 2012, 58, 727-740.	1.8	25
28	The influence of flight speed on the ranging performance of bats using frequency modulated echolocation pulses. Journal of the Acoustical Society of America, 2003, 113, 617-628.	1.1	24
29	The conservation status of New Zealand bats, 2009. New Zealand Journal of Zoology, 2010, 37, 297-311.	1.1	24
30	Is lek breeding rare in bats?. Journal of Zoology, 2013, 291, 3-11.	1.7	24
31	Cold and alone? Roost choice and season affect torpor patterns in lesser short-tailed bats. Oecologia, 2017, 183, 1-8.	2.0	24
32	A COMPARISON OF THE PERFORMANCE OF A BRAND OF BROAD-BAND AND SEVERAL BRANDS OF NARROW-BAND BAT DETECTORS IN TWO DIFFERENT HABITAT TYPES. Bioacoustics, 1996, 7, 33-43.	1.7	23
33	VOCALIZATIONS OF THE NORTH ISLAND BROWN KIWI (APTERYX MANTELLI). Auk, 2008, 125, 326-335.	1.4	22
34	Development of vocalizations in the flat-headed bats, Tylonycteris pachypus and T. robustula (Chiroptera: Vespertilionidae). Acta Chiropterologica, 2005, 7, 91-99.	0.6	20
35	Echolocation calls, wing shape, diet and phylogenetic diagnosis of the endemic Chinese bat Myotis pequinius. Acta Chiropterologica, 2006, 8, 451-463.	0.6	20
36	Home range and habitat selection by a threatened bat in exotic plantation forest. Forest Ecology and Management, 2011, 262, 845-852.	3.2	19

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37	Bat colony size reduction coincides with clear-fell harvest operations and high rates of roost loss in plantation forest. Biodiversity and Conservation, 2011, 20, 3537-3548.	2.6	19
38	Integration over song classification replicates: Song variant analysis in the hihi. Journal of the Acoustical Society of America, 2015, 137, 2542-2551.	1.1	18
39	Spatiotemporal and demographic variation in the diet of New Zealand lesser shortâ€tailed bats (Mystacina tuberculata). Ecology and Evolution, 2018, 8, 7599-7610.	1.9	17
40	Temporal and spatial patterns of seed dispersal of Musa acuminata by Cynopterus sphinx. Acta Chiropterologica, 2007, 9, 229-235.	0.6	14
41	Variation in the abundance of ectoparasitic mites of flat-headed bats. Journal of Mammalogy, 2010, 91, 136-143.	1.3	14
42	Assessment of the short-term success of a translocation of lesser short-tailed bats Mystacina tuberculata. Endangered Species Research, 2009, 8, 33-39.	2.4	14
43	The importance of exotic plantation forest for the New Zealand long-tailed bat (Chalinolobus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	13
44	Females as mobile resources: communal roosts promote the adoption of lek breeding in a temperate bat. Behavioral Ecology, 2015, 26, 1156-1163.	2.2	13
45	Translocation of bats as a conservation strategy: previous attempts and potential problems. Endangered Species Research, 2009, 8, 25-31.	2.4	13
46	The effect of recording situation on the echolocation calls of the New Zealand lesser shortâ€tailed bat(Mystacina tuberculataGray). New Zealand Journal of Zoology, 1998, 25, 147-156.	1.1	12
47	Echolocation call production during aerial and terrestrial locomotion by New Zealand's enigmatic lesser short-tailed bat,Mystacina tuberculata. Journal of Experimental Biology, 2010, 213, 551-557.	1.7	12
48	Temporal and spatial distribution and habitat associations of an urban population of New Zealand long-tailed bats (Chalinolobus tuberculatus). New Zealand Journal of Zoology, 2014, 41, 285-295.	1.1	12
49	Retinal Anatomy of the <scp>N</scp>ew <scp>Z</scp>ealand Kiwi: Structural Traits Consistent With Their Nocturnal Behavior. Anatomical Record, 2015, 298, 771-779.	1.4	12
50	Evidence of homing following translocation of longâ€tailed bats (Chalinolobus tuberculatus) at Grand Canyon Cave, New Zealand. New Zealand Journal of Zoology, 2007, 34, 239-246.	1.1	11
51	Sex-Specific Roost Selection by Bats in Clearfell Harvested Plantation Forest: Improved Knowledge Advises Management. Acta Chiropterologica, 2011, 13, 373-383.	0.6	11
52	Wing morphology, echolocation calls, diet and emergence time of black-bearded tomb bats (Taphozous melanopogon, Emballonuridae) from southwest China. Acta Chiropterologica, 2008, 10, 51-59.	0.6	10
53	Effects of Clear-Fell Harvest on Bat Home Range. PLoS ONE, 2014, 9, e86163.	2.5	10
54	Geographic patterns of song variation reveal timing of song acquisition in a wild avian population. Behavioral Ecology, 2017, 28, 1085-1092.	2.2	10

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55	Inner-Ear Morphology of the New Zealand Kiwi (Apteryx mantelli) Suggests High-Frequency Specialization. JARO - Journal of the Association for Research in Otolaryngology, 2012, 13, 629-639.	1.8	9
56	Impacts of wind energy developments on wildlife: a southern hemisphere perspective. New Zealand Journal of Zoology, 2013, 40, 1-4.	1.1	9
57	Competition for pollination by the lesser shortâ€tailed bat and its influence on the flowering phenology of some <scp>N</scp>ew <scp>Z</scp>ealand endemics. Journal of Zoology, 2014, 293, 281-288.	1.7	9
58	Adoption of alternative habitats by a threatened, â€œobligateâ€•forest-dwelling bat in a fragmented landscape. Journal of Mammalogy, 2015, 96, 927-937.	1.3	9
59	Discovery of a Lipid Synthesising Organ in the Auditory System of an Insect. PLoS ONE, 2012, 7, e51486.	2.5	9
60	Mechanical filtering for narrow-band hearing in the weta. Journal of Experimental Biology, 2011, 214, 778-785.	1.7	8
61	Stressful summers? Torpor expression differs between high- and low-latitude populations of bats. Journal of Mammalogy, 0, , .	1.3	8
62	Fruit-feeding behaviour and use of olfactory cues by the fruit batRousettus leschenaulti: an experimental study. Acta Theriologica, 2007, 52, 285-290.	1.1	7
63	Audiogram of the kea parrot, Nestor notabilis. Journal of the Acoustical Society of America, 2016, 140, 3739-3744.	1.1	7
64	Antennal morphology and microâ€sensory architecture of the <scp>New Zealand</scp> magpie moth, <scp>Nyctemera annulata</scp> (<scp>Lepidoptera: Erebidae</scp>): diversity, distribution and dimorphism. Austral Entomology, 2018, 57, 303-323.	1.4	7
65	Effects of Different Surfaces on the Perception of Prey-Generated Noise by the Indian False Vampire BatMegaderma lyra. Acta Chiropterologica, 2002, 4, 25-32.	0.6	6
66	Plantation forests are used by the lesser short-tailed bat,Mystacina tuberculata rhyacobia. New Zealand Journal of Zoology, 2010, 37, 13-17.	1.1	5
67	The potential availability of roosting sites for lesser shortâ€tailed bats (Mystacina tuberculata) on Kapiti Island, New Zealand: Implications for a translocation. New Zealand Journal of Zoology, 2007, 34, 219-226.	1.1	2
68	Thermal energetics of male courtship song in a lek-breeding bat. Behavioral Ecology and Sociobiology, 2022, 76, 1.	1.4	2