James P Gibbs

List of Publications by Year
in descending order

98 papers	4,053 citations	159585 30 h-index	133252 59 g-index
106 all docs	106 docs citations	106 times ranked	3880 citing authors

#	Article	IF	Citations
1	Introduction of giant tortoises as a replacement â€œecosystem engineerâ€•to facilitate restoration of Santa Fe Island, Galapagos. Restoration Ecology, 2022, 30, e13467.	2.9	11
2	Costâ€•effectiveness of waterâ€•saving technologies for restoration of tropical dry forest: a case study from the Galapagos Islands, Ecuador. Restoration Ecology, 2022, 30, e13576.	2.9	5
3	Parallel evolution of urbanâ€“rural clines in melanism in a widespread mammal. Scientific Reports, 2022, 12, 1752.	3.3	14
4	Amazonian runâ€•ofâ€•river dam reservoir impacts underestimated: Evidence from a beforeâ€“after controlâ€“impact study of freshwater turtle nesting areas. Aquatic Conservation: Marine and Freshwater Ecosystems, 2022, 32, 508-522.	2.0	5
5	A new lineage of Galapagos giant tortoises identified from museum samples. Heredity, 2022, 128, 261-270.	2.6	3
6	When De-extinction Really Happens: The Revival of the Floreana Giant Tortoises in the GalÃ¡pagos Archipelago. Environmental History, 2022, 27, 334-339.	0.5	1
7	Impacts of Dams on Freshwater Turtles: A Global Review to Identify Conservation Solutions. Tropical Conservation Science, 2022, 15, 194008292211037.	1.2	5
8	The Galapagos giant tortoise Chelonoidis phantasticus is not extinct. Communications Biology, 2022, 5, .	4.4	3
9	Habitats. , 2021, , 281-298.		0
10	Tortoise populations after 60 years of conservation. , 2021, , 401-432.		6
11	Movement ecology. , 2021, , 261-279.		5
12	Santa Fe Island: Return of tortoises via a replacement species. , 2021, , 483-499.		1
13	Breeding Effort and Hydroperiod Indicate Habitat Quality of Small, Isolated Wetlands for Amphibians Under Climate Extremes. Wetlands, 2021, 41, 1.	1.5	10
14	Role in ecosystems. , 2021, , 299-315.		2
15	A greener future for the Galapagos: forecasting ecosystem productivity by finding climate analogs in time. Ecosphere, 2021, 12, .	2.2	4
16	Seeking compromise across competing goals in conservation translocations: The case of the â€˜extinctâ€™ Floreana Island Galapagos giant tortoise. Journal of Applied Ecology, 2020, 57, 136-148.	4.0	3
17	Substrate influences human removal of freshwater turtle nests in the eastern Brazilian Amazon. Scientific Reports, 2020, 10, 8082.	3.3	8
18	Population dynamics and biological feasibility of sustainable harvesting as a conservation strategy for tropical and temperate freshwater turtles. PLoS ONE, 2020, 15, e0229689.	2.5	11

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19	Community based actions save Yellow-spotted river turtle (Podocnemis unifilis) eggs and hatchlings flooded by rapid river level rises. PeerJ, 2020, 8, e9921.	2.0	10
20	Title is missing!. , 2020, 15, e0229689.		0
21	Title is missing!. , 2020, 15, e0229689.		0
22	Title is missing!. , 2020, 15, e0229689.		0
23	Title is missing!. , 2020, 15, e0229689.		0
24	Title is missing!. , 2020, 15, e0229689.		0
25	Title is missing!. , 2020, 15, e0229689.		0
26	Title is missing!. , 2020, 15, e0229689.		0
27	Rangeland vegetation dynamics in the Altai mountain region of Mongolia, Russia, Kazakhstan and China: effects of climate, topography, and socio-political context for livestock herding practices. Environmental Research Letters, 2019, 14, 104017.	5.2	6
28	Integrating Traditional Ecological Knowledge and Remote Sensing for Monitoring Rangeland Dynamics in the Altai Mountain Region. Environmental Management, 2019, 64, 40-51.	2.7	21
29	Migration triggers in a large herbivore: GalÃ¡pagos giant tortoises navigating resource gradients on volcanoes. Ecology, 2019, 100, e02658.	3.2	25
30	Genetically informed captive breeding of hybrids of an extinct species of Galapagos tortoise. Conservation Biology, 2019, 33, 1404-1414.	4.7	18
31	Prospects for freshwater turtle population recovery are catalyzed by pan-Amazonian community-based management. Biological Conservation, 2019, 233, 51-60.	4.1	22
32	Effects of transgenic American chestnut leaf litter on growth and survival of wood frog larvae. Restoration Ecology, 2019, 27, 371-378.	2.9	13
33	Giant tortoise genomes provide insights into longevity and age-related disease. Nature Ecology and Evolution, 2019, 3, 87-95.	7.8	79
34	Effectiveness of water-saving technologies during early stages of restoration of endemic Opuntia cacti in the GalÃ¡pagos Islands, Ecuador. PeerJ, 2019, 7, e8156.	2.0	8
35	Genome-Wide Assessment of Diversity and Divergence Among Extant Galapagos Giant Tortoise Species. Journal of Heredity, 2018, 109, 611-619.	2.4	22
36	Beyond harmâ€™s reach? Submersion of river turtle nesting areas and implications for restoration actions after Amazon hydropower development. PeerJ, 2018, 6, e4228.	2.0	24

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37	Community involvement works where enforcement fails: conservation success through community-based management of Amazon river turtle nests. PeerJ, 2018, 6, e4856.	2.0	23
38	Ecosystem implications of conserving endemic versus eradicating introduced large herbivores in the Galapagos Archipelago. Biological Conservation, 2017, 209, 1-10.	4.1	18
39	Scale-dependence in polychlorinated biphenyl (PCB) exposure effects on waterbird habitat occupancy. Ecotoxicology, 2017, 26, 762-771.	2.4	2
40	Evolutionary response to global change: Climate and land use interact to shape color polymorphism in a woodland salamander. Ecology and Evolution, 2017, 7, 5426-5434.	1.9	21
41	Identification of Genetically Important Individuals of the Rediscovered Floreana GalÃ¡pagos Giant Tortoise (Chelonoidis elephantopus) Provides Founders for Species Restoration Program. Scientific Reports, 2017, 7, 11471.	3.3	27
42	Estimation and Prediction of Grassland Cover in Western Mongolia Using MODIS-Derived Vegetation Indices. Rangeland Ecology and Management, 2017, 70, 723-729.	2.3	9
43	Animal movement in the absence of predation: environmental drivers of movement strategies in a partial migration system. Oikos, 2017, 126, 1004-1019.	2.7	31
44	Manipulation of basking sites for endangered eastern massasauga rattlesnakes. Journal of Wildlife Management, 2016, 80, 803-811.	1.8	4
45	Golf courses as habitat for aquatic turtles in urbanized landscapes. Landscape and Urban Planning, 2016, 147, 59-70.	7.5	21
46	Spruce grouse decline in maturing lowland boreal forests of New York. Forest Ecology and Management, 2016, 359, 118-125.	3.2	12
47	Â¿POR QUÃ‰ TAN POCAS Opuntia EN LA ISLA ESPAÃ‘OLA-GALÃPAGOS?. EcologÃa Aplicada, 2016, 2, 21.	0.2	9
48	Naturally rare versus newly rare: demographic inferences on two timescales inform conservation of GalÃ¡pagos giant tortoises. Ecology and Evolution, 2015, 5, 676-694.	1.9	28
49	Giant tortoises hatch on Galapagos island. Nature, 2015, 517, 271-271.	27.8	13
50	Pairing callâ€response surveys and distance sampling for a mammalian carnivore. Journal of Wildlife Management, 2015, 79, 662-671.	1.8	11
51	Coexistence of the endangered, endemic Chittenango ovate amber snail (Novisuccinea) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.4	3
52	Description of a New Galapagos Giant Tortoise Species (Chelonoidis; Testudines: Testudinidae) from Cerro Fatal on Santa Cruz Island. PLoS ONE, 2015, 10, e0138779.	2.5	54
53	Implications of Mayan agroforestry for biodiversity conservation in the Calakmul Biosphere Reserve, Mexico. Agroforestry Systems, 2014, 88, 269-285.	2.0	19
54	Disambiguating the Minimum Viable Population Concept: Response to Reed and McCoy. Conservation Biology, 2014, 28, 871-873.	4.7	4

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55	Densities of Ecological Replacement Herbivores Required to Restore Plant Communities: A Case Study of Giant Tortoises on Pinta Island, GalÃ¡pagos. Restoration Ecology, 2014, 22, 248-256.	2.9	25
56	Demographic Outcomes and Ecosystem Implications of Giant Tortoise Reintroduction to EspaÃ±ola Island, Galapagos. PLoS ONE, 2014, 9, e110742.	2.5	59
57	Equivalency of GalÃ¡pagos Giant Tortoises Used as Ecological Replacement Species to Restore Ecosystem Functions. Conservation Biology, 2013, 27, 701-709.	4.7	45
58	The genetic legacy of Lonesome George survives: Giant tortoises with Pinta Island ancestry identified in GalÃ¡pagos. Biological Conservation, 2013, 157, 225-228.	4.1	39
59	Vegetation dynamics drive segregation by body size in Galapagos tortoises migrating across altitudinal gradients. Journal of Animal Ecology, 2013, 82, 310-321.	2.8	71
60	Population Response of Giant GalÃ¡pagos Tortoises to Feral Goat Removal. Restoration Ecology, 2013, 21, 181-185.	2.9	9
61	Changes in faunal and vegetation communities along a soil calcium gradient in northern hardwood forests. Canadian Journal of Forest Research, 2012, 42, 1141-1152.	1.7	28
62	Improving Wetland Mitigation Site Identification Through Community Distribution Modeling and a Patch-Based Ranking Scheme. Wetlands, 2012, 32, 841-850.	1.5	14
63	A Molecular and Fitness Evaluation of Commercially Available versus Locally Collected Blue Lupine Lupinus perennis L. Seeds for Use in Ecosystem Restoration Efforts. Restoration Ecology, 2012, 20, 456-461.	2.9	10
64	An experimental assessment of landscape configuration effects on frog and toad abundance and diversity in tropical agro-savannah landscapes of southeastern Brazil. Landscape Ecology, 2012, 27, 87-96.	4.2	33
65	Digesta retention time in the GalÃ¡pagos tortoise (Chelonoidis nigra). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 160, 493-497.	1.8	26
66	Contrasting road effect signals in reproduction of long- versus short-lived amphibians. Hydrobiologia, 2011, 664, 213-218.	2.0	19
67	Summary of Intrinsic and Extrinsic Factors Affecting Detection Probability of Marsh Birds. Wetlands, 2011, 31, 403-411.	1.5	64
68	Breeding Habitat and Landscape Correlates of Frog Diversity and Abundance in a Tropical Agricultural Landscape. Wetlands, 2011, 31, 1079-1087.	1.5	50
69	GalÃ¡pagos Rail Laterallus spilonotus population change associated with habitat invasion by the Red-barked Quinine Tree Cinchona pubescens. Bird Conservation International, 2011, 21, 221-227.	1.3	6
70	Effective Culvert Placement and Design to Facilitate Passage of Amphibians across Roads. Journal of Herpetology, 2010, 44, 618-626.	0.5	29
71	Population structure and movements of freshwater turtles across a road-density gradient. Landscape Ecology, 2010, 25, 791-801.	4.2	37
72	Giant Tortoises as Ecological Engineers: A Longâ€term Quasiâ€experiment in the GalÃ¡pagos Islands. Biotropica, 2010, 42, 208-214.	1.6	58

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73	Monitoring and evaluating the ecological integrity of forest ecosystems. Frontiers in Ecology and the Environment, 2009, 7, 308-316.	4.0	108
74	Amphibian production in forested landscapes in relation to wetland hydroperiod: A case study of vernal pools and beaver ponds. Biological Conservation, 2009, 142, 2293-2302.	4.1	72
75	Morphometrics Parallel Genetics in a Newly Discovered and Endangered Taxon of GalÃ¡pagos Tortoise. PLoS ONE, 2009, 4, e6272.	2.5	34
76	The Role of Endangered Species Reintroduction in Ecosystem Restoration: Tortoiseâ€“Cactus Interactions on EspaÃ±ola Island, GalÃ¡pagos. Restoration Ecology, 2008, 16, 88-93.	2.9	85
77	Road crossing structures for amphibians and reptiles: Informing design through behavioral analysis. Biological Conservation, 2008, 141, 2745-2750.	4.1	101
78	Faculty response. Frontiers in Ecology and the Environment, 2008, 6, 506-506.	4.0	0
79	Flood Tides Affect Breeding Ecology of Two Sympatric Sharp-Tailed Sparrows. Auk, 2007, 124, 552-560.	1.4	53
80	Effects of Warming Conditions in Eastern North American Forests on Red-Backed Salamander Morphology. Conservation Biology, 2006, 20, 913-917.	4.7	41
81	Trends in Sex Ratios of Turtles in the United States: Implications of Road Mortality. Conservation Biology, 2005, 19, 552-556.	4.7	131
82	Can road mortality limit populations of pool-breeding amphibians?. Wetlands Ecology and Management, 2005, 13, 281-289.	1.5	127
83	Concordance Between Morphological and Molecular Markers in Assessing Hybridization Between Sharp-Tailed Sparrows in New England. Auk, 2005, 122, 94-107.	1.4	30
84	CHANGES IN FROG AND TOAD POPULATIONS OVER 30 YEARS IN NEW YORK STATE. , 2005, 15, 1148-1157.		85
85	Genetic analysis of a successful repatriation programme: giant GalÃ¡pagos tortoises. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 341-345.	2.6	51
86	Effects of Roads on the Structure of Freshwater Turtle Populations. Conservation Biology, 2004, 18, 1143-1148.	4.7	200
87	Silphids in urban forests: Diversity and function. Urban Ecosystems, 2004, 7, 371-384.	2.4	38
88	Title is missing!. Conservation Genetics, 2003, 4, 31-46.	1.5	75
89	The origin of captive GalÃ¡pagos tortoises based on DNA analysis: implications for the management of natural populations. Animal Conservation, 2003, 6, 329-337.	2.9	28
90	Estimating the Effects of Road Mortality on Turtle Populations. Conservation Biology, 2002, 16, 1647-1652.	4.7	284

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91	PHYLOGEOGRAPHY AND HISTORY OF GIANT GALAPAGOS TORTOISES. Evolution; International Journal of Organic Evolution, 2002, 56, 2052-2066.	2.3	128
92	HABITAT FRAGMENTATION AND ARTHROPOD COMMUNITY CHANGE: CARRION BEETLES, PHORETIC MITES, AND FLIES. , 2001, 11, 79-85.		122
93	Climate Warming and Calling Phenology of Frogs near Ithaca, New York, 1900-1999. Conservation Biology, 2001, 15, 1175-1178.	4.7	162
94	Wetland Loss and Biodiversity Conservation. Conservation Biology, 2000, 14, 314-317.	4.7	469
95	Effective Monitoring for Adaptive Wildlife Management: Lessons from the Galapagos Islands. Journal of Wildlife Management, 1999, 63, 1055.	1.8	90
96	Distribution of woodland amphibians along a forest fragmentation gradient. Landscape Ecology, 1998, 13, 263-268.	4.2	251
97	Canadian Perceptions of Commercial Fisheries Management and Marine Mammal Conservation in the Northwest Atlantic Ocean. Anthrozoos, 1995, 8, 20-30.	1.4	7
98	Monitoring and Science: Comfortable Bedfellows. Conservation Biology, 1995, 9, 465-467.	4.7	0