Kenneth E Nussear

List of Publications by Citations

41	617	15	24
papers	citations	h-index	g-index
42	727	3.2	3.51
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
41	Microclimate and limits to photosynthesis in a diverse community of hypolithic cyanobacteria in northern Australia. *Environmental Microbiology*, **2010**, 12, 592-607	5.2	59
40	Comparative phylogeography reveals deep lineages and regional evolutionary hotspots in the Mojave and Sonoran Deserts. *Diversity and Distributions*, **2013**, 19, 722-737	5	49
39	Multiscale connectivity and graph theory highlight critical areas for conservation under climate change. *Ecological Applications*, **2016**, 26, 1223-37	4.9	46
38	Lizards, lipids, and dietary links to animal function. *Physiological and Biochemical Zoology*, **2001**, 74, 625-40	2	43
37	Making molehills out of mountains: landscape genetics of the Mojave desert tortoise. *Landscape Ecology*, **2011**, 26, 267-280	4.3	41
36	Host contact and shedding patterns clarify variation in pathogen exposure and transmission in threatened tortoise Gopherus agassizii: implications for disease modelling and management. *Journal of Animal Ecology*, **2016**, 85, 829-42	4.7	34
35	Evolutionary Hotspots in the Mojave Desert. *Diversity*, **2013**, 5, 293-319	2.5	31
34	Long-term plant responses to climate are moderated by biophysical attributes in a North American desert. *Journal of Ecology*, **2015**, 103, 657-668	6	28
33	Desert Tortoise Hibernation: Temperatures, Timing, and Environment. *Copeia*, **2007**, 2007, 378-386	1.1	24
32	Negative impacts of invasive plants on conservation of sensitive desert wildlife. *Ecosphere*, **2016**, 7, e01531	3.1	23
31	Habitat drives dispersal and survival of translocated juvenile desert tortoises. *Journal of Applied Ecology*, **2017**, 54, 430-438	5.8	21
30	Desert tortoise use of burned habitat in the Eastern Mojave desert. *Journal of Wildlife Management* , **2015**, 79, 618-629	1.9	20
29	Inferring social structure and its drivers from refuge use in the desert tortoise, a relatively solitary species. *Behavioral Ecology and Sociobiology*, **2016**, 70, 1277-1289	2.5	20
28	Modeling habitat of the desert tortoise (Gopherus agassizii) in the Mojave and parts of the Sonoran Deserts of California, Nevada, Utah, and Arizona. *US Geological Survey Open-File Report*,		20
27	SPATIAL DEMOGRAPHIC MODELS TO INFORM CONSERVATION PLANNING OF GOLDEN EAGLES IN RENEWABLE ENERGY LANDSCAPES. *Journal of Raptor Research*, **2017**, 51, 234-257	0.9	18
26	Testing Taxon Tenacity of Tortoises: evidence for a geographical selection gradient at a secondary contact zone. *Ecology and Evolution*, **2015**, 5, 2095-114	2.8	15
25	Spatially explicit decision support for selecting translocation areas for Mojave desert tortoises. *Biodiversity and Conservation*, **2008**, 17, 575-590	3.4	13

24	Can modeling improve estimation of desert tortoise population densities? **2007**, 17, 579-86		12
23	Estimating wildfire risk on a Mojave Desert landscape using remote sensing and field sampling. *International Journal of Wildland Fire*, **2013**, 22, 770	3.2	11
22	Mapping habitat for multiple species in the Desert Southwest. *US Geological Survey Open-File Report*,		11
21	Black-Tailed and White-Tailed Jackrabbits in the American West: History, Ecology, Ecological Significance, and Survey Methods. *Western North American Naturalist*, **2015**, 75, 491-519	0.4	9
20	Complex immune responses and molecular reactions to pathogens and disease in a desert reptile (). *Ecology and Evolution*, **2019**, 9, 2516-2534	2.8	8
19	Integrating Gene Transcription-Based Biomarkers to Understand Desert Tortoise and Ecosystem Health. *EcoHealth*, **2015**, 12, 501-12	3.1	8
18	Coupling gene-based and classic veterinary diagnostics improves interpretation of health and immune function in the Agassizís desert tortoise () **2017**, 5, cox037		6
17	A range-wide model of contemporary, omnidirectional connectivity for the threatened Mojave desert tortoise. *Ecosphere*, **2019**, 10, e02847	3.1	6
16	Disruption rates for one vulnerable soil in Organ Pipe Cactus National Monument, Arizona, USA. *Journal of Arid Environments*, **2013**, 95, 75-83	2.5	6
15	Comparing sample bias correction methods for species distribution modeling using virtual species. *Ecosphere*, **2021**, 12, e03422	3.1	6
14	Spatial sampling bias in the Neotoma paleoecological archives affects species paleo-distribution models. *Quaternary Science Reviews*, **2018**, 198, 115-125	3.9	6
13	Comparison of Effects of Humans Versus Wildlife-Detector Dogs. *Southwestern Naturalist*, **2008**, 53, 472-479	0.3	5
12	Spatially Consistent High-Resolution Land Surface Temperature Mosaics for Thermophysical Mapping of the Mojave Desert. *Sensors*, **2019**, 19,	3.8	3
11	Drawing a line in the sand: Effectiveness of off-highway vehicle management in Californiaís Sonoran desert. *Journal of Environmental Management*, **2017**, 193, 448-457	7.9	2
10	Common Raven (Corvus corax) kleptoparasitism at a Golden Eagle (Aquila chyrsaetos) nest in southern Nevada. *Wilson Journal of Ornithology*, **2017**, 129, 195-198	0.4	2
9	Using movement to inform conservation corridor design for Mojave desert tortoise. *Movement Ecology*, **2020**, 8, 38	4.6	2
8	Impacts of climate change and renewable energy development on habitat of an endemic squirrel, Xerospermophilus mohavensis , in the Mojave Desert, USA. *Biological Conservation*, **2016**, 200, 112-121	6.2	2
7	Integrating telemetry data at several scales with spatial capture–recapture to improve density estimates. *Ecosphere*, **2021**, 12, e03689	3.1	2

6	Local niche differences predict genotype associations in sister taxa of desert tortoise. *Diversity and Distributions*, **2019**, 25, 1194	5	1
5	Modeling operative temperature in desert tortoises and other reptiles: Effects imposed by habitats that filter incident radiation. *Journal of Thermal Biology*, **2019**, 85, 102414	2.9	1
4	Priority Species Lists to Restore Desert Tortoise and Pollinator Habitats in Mojave Desert Shrublands. *Natural Areas Journal*, **2021**, 41,	0.8	1
3	Linking behavioral states to landscape features for improved conservation management. *Ecology and Evolution*, **2021**, 11, 7905-7916	2.8	1
2	ASSESSMENT OF DISEASE RISK ASSOCIATED WITH POTENTIAL REMOVAL OF ANTHROPOGENIC BARRIERS TO MOJAVE DESERT TORTOISE (GOPHERUS AGASSIZII) POPULATION CONNECTIVITY. *Journal of Wildlife Diseases*, **2021**, 57, 579-589	1.3	1
1	Desert Biogeography: Mojave **2020**, 99-109		