Michael J Peel

List of Publications by Year
in descending order

39 papers	1,468 citations	331670 21 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	1959 citing authors

#	Article	IF	Citations
1	Ecology of grazing lawns in Africa. Biological Reviews, 2015, 90, 979-994.	10.4	149
2	Forage quality of savannas â€" Simultaneously mapping foliar protein and polyphenols for trees and grass using hyperspectral imagery. Remote Sensing of Environment, 2010, 114, 64-72.	11.0	134
3	Large herbivores may alter vegetation structure of semi-arid savannas through soil nutrient mediation. Oecologia, 2011, 165, 1095-1107.	2.0	124
4	Strategic management of livestock to improve biodiversity conservation in <scp>A</scp>frican savannahs: a conceptual basis for wildlifeâ€"livestock coexistence. Journal of Applied Ecology, 2016, 53, 388-397.	4.0	91
5	The spatial scaling of habitat selection by African elephants. Journal of Animal Ecology, 2011, 80, 270-281.	2.8	78
6	Generality in ecology: testing North American grassland rules in South African savannas. Frontiers in Ecology and the Environment, 2004, 2, 483-491.	4.0	74
7	War-induced collapse and asymmetric recovery of large-mammal populations in Gorongosa National Park, Mozambique. PLoS ONE, 2019, 14, e0212864.	2.5	72
8	Spatial distribution of lion kills determined by the water dependency of prey species. Journal of Mammalogy, 2010, 91, 1280-1286.	1.3	69
9	Trophic rewilding revives biotic resistance to shrub invasion. Nature Ecology and Evolution, 2020, 4, 712-724.	7.8	53
10	Nitrogen and phosphorus concentration in faeces: an indicator of range quality as a practical adjunct to existing range evaluation methods. African Journal of Range and Forage Science, 2000, 17, 81-92.	1.4	52
11	Explaining grassâ€nutrient patterns in a savanna rangeland of southern Africa. Journal of Biogeography, 2004, 31, 819-829.	3.0	50
12	Soil nutrient status determines how elephant utilize trees and shape environments. Journal of Animal Ecology, 2011, 80, 875-883.	2.8	50
13	African Elephants Loxodonta africana Amplify Browse Heterogeneity in African Savanna. Biotropica, 2011, 43, 711-721.	1.6	44
14	Longâ€term dynamics of herbaceous vegetation structure and composition in two African savanna reserves. Journal of Applied Ecology, 2011, 48, 238-246.	4.0	38
15	Perspective article: The evolving use of stocking rate indices currently based on animal number and type in semiâ€arid heterogeneous landscapes and complex landâ€use systems. African Journal of Range and Forage Science, 1998, 15, 117-127.	1.4	35
16	Effects of simulated browsing on growth and leaf chemical properties in Colophospermum mopane saplings. African Journal of Ecology, 2010, 48, 190-196.	0.9	34
17	Seasonal diet changes in elephant and impala in mopane woodland. European Journal of Wildlife Research, 2012, 58, 279-287.	1.4	34
18	Wildlife Conservation and Community-Based Natural Resource Management in Southern Africa's Private Nature Reserves. Society and Natural Resources, 2010, 23, 507-524.	1.9	31

#	Article	IF	Citations
19	Megaherbivore response to droughts under different management regimes: lessons from a large African savanna. African Journal of Range and Forage Science, 2020, 37, 65-80.	1.4	26
20	Diet selection of African elephant over time shows changing optimization currency. Oikos, 2012, 121, 2110-2120.	2.7	24
21	Parent material and fire as principle drivers of foliage quality in woody plants. Forest Ecology and Management, 2006, 231, 178-183.	3.2	23
22	Elephant-mediated habitat modifications and changes in herbivore species assemblages in Sabi Sand, South Africa. European Journal of Wildlife Research, 2015, 61, 491-503.	1.4	22
23	Quantifying the effects of diverse private protected area management systems on ecosystem properties in a savannah biome, South Africa. Oryx, 2013, 47, 29-40.	1.0	20
24	A framework to measure the wildness of managed large vertebrate populations. Conservation Biology, 2019, 33, 1106-1119.	4.7	17
25	Benchmarking as a means to improve conservation practice. Oryx, 2011, 45, 56-59.	1.0	16
26	Environmental and management determinants of vegetation state on protected areas in the eastern Lowveld of South Africa. African Journal of Ecology, 2005, 43, 352-361.	0.9	13
27	Snapshot Safari: A large-scale collaborative to monitor Africaâ€™s remarkable biodiversity. South African Journal of Science, 2021, 117, .	0.7	13
28	CONTROLLING THE DISTRIBUTION OF ELEPHANTS. , 2008, , 329-369.		13
29	Evaluating herbivore management outcomes and associated vegetation impacts. Koedoe, 2011, 53, .	0.9	11
30	The effect of Holistic Planned Grazingâ„¢ on African rangelands: a case study from Zimbabwe. African Journal of Range and Forage Science, 2018, 35, 23-31.	1.4	9
31	Woody vegetation of a mosaic of protected areasadjacent to the Kruger National Park, South Africa. Journal of Vegetation Science, 2007, 18, 807.	2.2	8
32	Differentiation of plant age in grasses using remote sensing. International Journal of Applied Earth Observation and Geoinformation, 2013, 24, 54-62.	2.8	7
33	Optimization of wildlife management in a large game reserve through waterpoints manipulation: A bio-economic analysis. Journal of Environmental Management, 2013, 114, 352-361.	7.8	7
34	When less is more: heterogeneity in grass patch height supports herbivores in counter-intuitive ways. African Journal of Range and Forage Science, 2019, 36, 1-8.	1.4	7
35	Drought amnesia: lessons from protected areas in the eastern Lowveld of South Africa. African Journal of Range and Forage Science, 2020, 37, 81-92.	1.4	7
36	Plant communities and landscapes of the Parque Nacional de Zinave, Mozambique. Koedoe, 2010, 52, .	0.9	4

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37	Determinants of herbaceous plant species composition on a number of ranches in the northâ€western Transvaal. Journal of the Grassland Society of Southern Africa, 1991, 8, 99-102.	0.4	3
38	Optimization of net returns from wildlife consumptive and non-consumptive uses by game reserve management. Environmental Conservation, 2016, 43, 128-139.	1.3	3
39	Complexity in African savannas: Direct, indirect, and cascading effects of animal densities, rainfall and vegetation availability. PLoS ONE, 2018, 13, e0197149.	2.5	3