Joris P G M Cromsigt

List of Publications by Year
in descending order

92 papers	4,106 citations	172207 29 h-index	133063 59 g-index
94 all docs	94 docs citations	94 times ranked	6331 citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database â€" enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
2	Global decline in aggregated migrations of large terrestrial mammals. Endangered Species Research, 2009, 7, 55-76.	1.2	335
3	Do ungulates preferentially feed in forest gaps in European temperate forest?. Forest Ecology and Management, 2009, 258, 1528-1535.	1.4	170
4	Hunting for fear: innovating management of humanâ€"wildlife conflicts. Journal of Applied Ecology, 2013, 50, 544-549.	1.9	162
5	Conservation implications of the refugee species concept and the European bison: king of the forest or refugee in a marginal habitat?. Ecography, 2012, 35, 519-529.	2.1	153
6	Bottomâ€up versus topâ€down control of tree regeneration in the BiaÅ‚owieÅ¼a Primeval Forest, Poland. Journal of Ecology, 2010, 98, 888-899.	1.9	124
7	Habitat heterogeneity as a driver of ungulate diversity and distribution patterns: interaction of body mass and digestive strategy. Diversity and Distributions, 2009, 15, 513-522.	1.9	112
8	RESOURCE PARTITIONING AMONG SAVANNA GRAZERS MEDIATED BY LOCAL HETEROGENEITY: AN EXPERIMENTAL APPROACH. Ecology, 2006, 87, 1532-1541.	1.5	94
9	Fatal attraction: vegetation responses to nutrient inputs attract herbivores to infectious anthrax carcass sites. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141785.	1.2	89
10	Dynamics of grazing lawn formation: an experimental test of the role of scaleâ€dependent processes. Oikos, 2008, 117, 1444-1452.	1.2	83
11	Framing pictures: A conceptual framework to identify and correct for biases in detection probability of camera traps enabling multiâ€species comparison. Ecology and Evolution, 2019, 9, 2320-2336.	0.8	83
12	Megaherbivores Modify Trophic Cascades Triggered by Fear of Predation in an African Savanna Ecosystem. Current Biology, 2018, 28, 2493-2499.e3.	1.8	74
13	Revisiting the browsing lawn concept: Evolutionary Interactions or pruning herbivores?. Perspectives in Plant Ecology, Evolution and Systematics, 2011, 13, 207-215.	1.1	72
14	Trophic rewilding as a climate change mitigation strategy?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170440.	1.8	72
15	Restoration of a megaherbivore: landscapeâ€level impacts of white rhinoceros in <scp>K</scp>ruger <scp>N</scp>ational <scp>P</scp>ark, <scp>S</scp>outh <scp>A</scp>frica. Journal of Ecology, 2014, 102, 566-575.	1.9	71
16	Fifty years of European ungulate dietary studies: a synthesis. Oikos, 2020, 129, 1668-1680.	1.2	54
17	Pictures or pellets? Comparing camera trapping and dung counts as methods for estimating population densities of ungulates. Remote Sensing in Ecology and Conservation, 2018, 4, 173-183.	2.2	53
18	Rewilding Europe's large grazer community: how functionally diverse are the diets of European bison, cattle, and horses?. Restoration Ecology, 2018, 26, 891-899.	1.4	53

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19	Keep the wolf from the door: How to conserve wolves in Europe's human-dominated landscapes?. Biological Conservation, 2019, 235, 102-111.	1.9	49
20	Brown world forests: increased ungulate browsing keeps temperate trees in recruitment bottlenecks in resource hotspots. New Phytologist, 2017, 214, 158-168.	3.5	47
21	Large herbivore assemblages in a changing climate: incorporating water dependence and thermoregulation. Ecology Letters, 2019, 22, 1536-1546.	3.0	46
22	The difficulty of using species distribution modelling for the conservation of refugee species â€" the example of European bison. Diversity and Distributions, 2012, 18, 1253-1257.	1.9	44
23	Floristic evidence for alternative biome states in tropical Africa. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28183-28190.	3.3	41
24	Effects of Erosion from Mounds of Different Termite Genera on Distinct Functional Grassland Types in an African Savannah. Ecosystems, 2012, 15, 128-139.	1.6	40
25	DNA left on browsed twigs uncovers bite-scale resource use patterns in European ungulates. Oecologia, 2015, 178, 275-284.	0.9	40
26	Managing invasions at the cost of native habitat? An experimental test of the impact of fire on the invasion of Chromolaena odorata in a South African savanna. Biological Invasions, 2012, 14, 607-618.	1.2	39
27	Coarse woody debris facilitates oak recruitment in BiaÅ‚owieÅ¼a Primeval Forest, Poland. Forest Ecology and Management, 2012, 284, 133-141.	1.4	35
28	Animal body size distribution influences the ratios of nutrients supplied to plants. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22256-22263.	3.3	35
29	Monitoring large herbivore diversity at different scales: comparing direct and indirect methods. Biodiversity and Conservation, 2009, 18, 1219-1231.	1.2	31
30	Spatial heterogeneity facilitates carnivore coexistence. Ecology, 2021, 102, e03319.	1.5	31
31	Differentâ€sized grazers have distinctive effects on plantÂfunctional composition of an <scp>A</scp>frican savanna. Journal of Ecology, 2016, 104, 864-875.	1.9	30
32	Predation risk constrains herbivoresâ€™ adaptive capacity to warming. Nature Ecology and Evolution, 2020, 4, 1069-1074.	3.4	30
33	Does wolf presence reduce moose browsing intensity in young forest plantations?. Ecography, 2018, 41, 1776-1787.	2.1	29
34	Interactions between ungulates, forests, and supplementary feeding: the role of nutritional balancing in determining outcomes. Mammal Research, 2017, 62, 1-7.	0.6	28
35	Doubting dung: eDNA reveals high rates of misidentification in diverse European ungulate communities. European Journal of Wildlife Research, 2019, 65, 1.	0.7	27
36	Using byâ€catch data from wildlife surveys to quantify climatic parameters and timing of phenology for plants and animals using camera traps. Remote Sensing in Ecology and Conservation, 2020, 6, 129-140.	2.2	27

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37	Top–down limits on prey populations may be more severe in larger prey species, despite having fewer predators. Ecography, 2019, 42, 1115-1123.	2.1	26
38	Phantoms of the forest: legacy risk effects of a regionally extinct large carnivore. Ecology and Evolution, 2016, 6, 791-799.	0.8	23
39	Using models in the management of Black rhino populations. Ecological Modelling, 2002, 149, 203-211.	1.2	21
40	Legacy Effects of Different Land-Use Histories Interact with Current Grazing Patterns to Determine Grazing Lawn Soil Properties. Ecosystems, 2015, 18, 720-733.	1.6	19
41	The Protected Area Paradox and refugee species: The giant panda and baselines shifted towards conserving species in marginal habitats. Conservation Science and Practice, 2020, 2, e203.	0.9	19
42	Wild ungulate species differ in their contribution to the transmission of Ixodes ricinus-borne pathogens. Parasites and Vectors, 2021, 14, 360.	1.0	19
43	Megaherbivore impacts on ecosystem and Earth system functioning: the current state of the science. Ecography, 2021, 44, 1579-1594.	2.1	18
44	A sharp floristic discontinuity revealed by the biogeographic regionalization of African savannas. Journal of Biogeography, 2019, 46, 454-465.	1.4	17
45	Varied diets, including broadleaved forage, are important for a large herbivore species inhabiting highly modified landscapes. Scientific Reports, 2020, 10, 1904.	1.6	16
46	Effects of camera‐trap placement and number on detection of members of a mammalian assemblage. Ecosphere, 2021, 12, e03662.	1.0	16
47	Structural diversity and tree density drives variation in the biodiversity–ecosystem function relationship of woodlands and savannas. New Phytologist, 2021, 232, 579-594.	3.5	16
48	Playbacks of predator vocalizations reduce crop damage by ungulates. Agriculture, Ecosystems and Environment, 2022, 328, 107853.	2.5	16
49	Reassembly of the Large Predator Guild into Hluhluwe-iMfolozi Park. , 2017, , 286-310.		15
50	Interactions between Fire and Ecosystem Processes. , 2017, , 233-262.		14
51	The blame game: Using eDNA to identify species-specific tree browsing by red deer (Cervus elaphus) and roe deer (Capreolus capreolus) in a temperate forest. Forest Ecology and Management, 2019, 451, 117483.	1.4	14
52	Small shrubs with large importance? Smaller deer may increase the moose-forestry conflict through feeding competition over Vaccinium shrubs in the field layer. Forest Ecology and Management, 2021, 480, 118768.	1.4	13
53	Using eDNA to experimentally test ungulate browsing preferences. SpringerPlus, 2015, 4, 489.	1.2	12
54	Evaluating the efficacy of invasive plant control in response to ecological factors. South African Journal of Botany, 2017, 109, 203-213.	1.2	12

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55	The Abiotic Template for the Hluhluwe-iMfolozi Park's Landscape Heterogeneity. , 2017, , 33-55.		12
56	Opportunistic feeding by lions: non-preferred prey comprise an important part of lion diets in a habitat where preferred prey are abundant. Mammal Research, 2020, 65, 235-243.	0.6	12
57	Environmental controls on African herbivore responses to landscapes of fear. Oikos, 2021, 130, 171-186.	1.2	12
58	Recreation and hunting differentially affect deer behaviour and sapling performance. Oikos, 2022, 2022, .	1.2	12
59	Contrasting impacts of an alien invasive shrub on mammalian savanna herbivores revealed on a landscape scale. Diversity and Distributions, 2017, 23, 656-666.	1.9	11
60	Temporal Changes in the Large Herbivore Fauna of Hluhluwe-iMfolozi Park. , 2017, , 80-108.		11
61	Predictors of browsing damage on commercial forests â€" A study linking nationwide management data. Forest Ecology and Management, 2021, 479, 118597.	1.4	11
62	The Functional Ecology of Grazing Lawns: How Grazers, Termites, People, and Fire Shape HiP's Savanna Grassland Mosaic. , 2017, , 135-160.		10
63	Determinants of patchiness of woody vegetation in an African savanna. Journal of Vegetation Science, 2017, 28, 93-104.	1.1	10
64	Simulated elephant-induced habitat changes can create dynamic landscapes of fear. Biological Conservation, 2019, 237, 267-279.	1.9	10
65	Roads, forestry, and wolves interact to drive moose browsing behavior in Scandinavia. Ecosphere, 2021, 12, e03358.	1.0	10
66	Successful Control of the Invasive Shrub <i>Chromolaena odorata</i> in Hluhluwe-iMfolozi Park. , 2017, , 358-382.		9
67	Comparing the impact of a grazing regime with European bison versus one with free-ranging cattle on coastal dune vegetation in the Netherlands. Mammal Research, 2018, 63, 455-466.	0.6	9
68	Behavioral effects of wolf presence on moose habitat selection: testing the landscape of fear hypothesis in an anthropogenic landscape. Oecologia, 2021, 197, 101-116.	0.9	9
69	Mammalian herbivores, grass height and rainfall drive termite activity at different spatial scales in an African savanna. Biotropica, 2016, 48, 656-666.	0.8	8
70	Smaller ungulates are first to incur imminent extirpation from an African protected area. Biological Conservation, 2017, 216, 108-114.	1.9	8
71	How do forest management and wolf space-use affect diet composition of the wolfâ€™s main prey, the red deer versus a non-prey species, the European bison?. Forest Ecology and Management, 2021, 479, 118620.	1.4	8
72	Declining recruitment and mass of Swedish moose calves linked to hot, dry springs and snowy winters. Global Ecology and Conservation, 2021, 27, e01594.	1.0	8

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73	European bison conservation cannot afford to ignore alternative hypotheses: a commentary on Perzanowski <i>et al</i>. (2019). Animal Conservation, 2020, 23, 479-481.	1.5	7
74	Large-scale spatial variation of chronic stress signals in moose. PLoS ONE, 2020, 15, e0225990.	1.1	7
75	Long-term frequent fires do not decrease topsoil carbon and nitrogen in an Afromontane grassland. African Journal of Range and Forage Science, 2022, 39, 44-55.	0.6	7
76	Megaherbivores, Competition and Coexistence within the Large Herbivore Guild. , 2017, , 111-134.		6
77	Woody Plant Traits and Life-History Strategies across Disturbance Gradients and Biome Boundaries in the Hluhluwe-iMfolozi Park. , 2017, , 189-210.		6
78	Herbivore‐induced branching increases sapling survival in temperate forest canopy gaps. Journal of Ecology, 2022, 110, 1390-1402.	1.9	6
79	Integrating omics to characterize eco‐physiological adaptations: How moose diet and metabolism differ across biogeographic zones. Ecology and Evolution, 2021, 11, 3159-3183.	0.8	5
80	Rhino Management Challenges: Spatial and Social Ecology for Habitat and Population Management. , 0, , 265-285.		4
81	Elephant Management in the Hluhluwe-iMfolozi Park. , 2017, , 336-357.		4
82	Ungulate-adapted forestry shows promise for alleviating pine browsing damage. Forest Ecology and Management, 2021, 482, 118808.	1.4	4
83	Bottom-up and top-down forces shaping wooded ecosystems: lessons from a cross-biome comparison. , 2015, , 107-133.		3
84	Long-Term Vegetation Dynamics within the Hluhluwe iMfolozi Park. , 0, , 56-79.		3
85	Elephant effects on treefall and logfall highlight the absence of megaherbivores in coarse woody debris conceptual frameworks. Forest Ecology and Management, 2019, 438, 57-62.	1.4	3
86	Strength of correlation between wildlife collision data and hunting bags varies among ungulate species and with management scale. European Journal of Wildlife Research, 2020, 66, 1.	0.7	3
87	Summer and winter browsing affect conifer growth differently: An experimental study in a multi-species ungulate community. Forest Ecology and Management, 2021, 494, 119314.	1.4	3
88	Fire‐and herbivory‐driven consumer control in a savanna‐like temperate wood‐pasture: An experimental approach. Journal of Ecology, 2021, 109, 4103-4114.	1.9	3
89	Anthropogenic Influences in Hluhluwe-iMfolozi Park: From Early Times to Recent Management. , 0, , 3-32.		1
90	Conserving Africa's Mega-Diversity in the Anthropocene: The Hluhluwe-iMfolozi Park Story. , 0, , 383-396.		1

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91	Reply to Sitters and Olde Venterink: Untangling the relative importance of processes that influence fecal nutrient stoichiometry. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2020849118.	3.3	0
92	From reindeer to rhino: Reflections on â€˜Climate change mitigation and adaptation benefits of wilder rangelandsâ€™. South African Journal of Science, 2020, 116, .	0.3	0