William J Bond

List of Publications by Year
in descending order

191 papers	31,963 citations	9786 73 h-index	4645 170 g-index
203 all docs	203 docs citations	203 times ranked	25158 citing authors

#	Article	IF	Citations
1	Trophic Downgrading of Planet Earth. Science, 2011, 333, 301-306.	12.6	3,030
2	Fire in the Earth System. Science, 2009, 324, 481-484.	12.6	2,330
3	Fire as a global â€˜herbivoreâ€™: the ecology and evolution of flammable ecosystems. Trends in Ecology and Evolution, 2005, 20, 387-394.	8.7	1,750
4	Challenges in the Quest for Keystones. BioScience, 1996, 46, 609-620.	4.9	1,557
5	Ecology of sprouting in woody plants: the persistence niche. Trends in Ecology and Evolution, 2001, 16, 45-51.	8.7	1,168
6	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
7	The Origins of C ₄ Grasslands: Integrating Evolutionary and Ecosystem Science. Science, 2010, 328, 587-591.	12.6	899
8	Fire, resprouting and variability: a recipe for grass-tree coexistence in savanna. Journal of Ecology, 2000, 88, 213-229.	4.0	860
9	The human dimension of fire regimes on Earth. Journal of Biogeography, 2011, 38, 2223-2236.	3.0	845
10	What Limits Trees in C₄ Grasslands and Savannas?. Annual Review of Ecology, Evolution, and Systematics, 2008, 39, 641-659.	8.3	780
11	Fire as an evolutionary pressure shaping plant traits. Trends in Plant Science, 2011, 16, 406-411.	8.8	735
12	Fire and Plants. , 1996, , .		721
13	EFFECTS OF FIRE AND HERBIVORY ON THE STABILITY OF SAVANNA ECOSYSTEMS. Ecology, 2003, 84, 337-350.	3.2	585
14	Savanna Vegetation-Fire-Climate Relationships Differ Among Continents. Science, 2014, 343, 548-552.	12.6	500
15	Determinants of Plant Distribution: Evidence from Pine Invasions. American Naturalist, 1991, 137, 639-668.	2.1	496
16	Beyond the forest edge: Ecology, diversity and conservation of the grassy biomes. Biological Conservation, 2010, 143, 2395-2404.	4.1	428
17	Tropical grassy biomes: misunderstood, neglected, and under threat. Trends in Ecology and Evolution, 2014, 29, 205-213.	8.7	423
18	A proposed CO2 -controlled mechanism of woody plant invasion in grasslands and savannas. Global Change Biology, 2000, 6, 865-869.	9.5	422

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19	Deciphering the distribution of the savanna biome. New Phytologist, 2011, 191, 197-209.	7.3	410
20	EFFECTS OF FOUR DECADES OF FIRE MANIPULATION ON WOODY VEGETATION STRUCTURE IN SAVANNA. Ecology, 2007, 88, 1119-1125.	3.2	389
21	Carbon dioxide and the uneasy interactions of trees and savannah grasses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 601-612.	4.0	349
22	Toward an oldâ€growth concept for grasslands, savannas, and woodlands. Frontiers in Ecology and the Environment, 2015, 13, 154-162.	4.0	349
23	When is a â€˜forestâ€™ a savanna, and why does it matter?. Global Ecology and Biogeography, 2011, 20, 653-660.	5.8	348
24	Where Tree Planting and Forest Expansion are Bad for Biodiversity and Ecosystem Services. BioScience, 2015, 65, 1011-1018.	4.9	298
25	Increased tree densities in <scp>S</scp>outh <scp>A</scp>frican savannas: >50Âyears of data suggests <scp><scp>CO</scp></scp>₂ as a driver. Global Change Biology, 2012, 18, 675-684.	9.5	296
26	Thicket expansion in a South African savanna under divergent land use: local vs. global drivers?. Global Change Biology, 2010, 16, 964-976.	9.5	269
27	Browsing and fire interact to suppress tree density in an African savanna. Ecological Applications, 2009, 19, 1909-1919.	3.8	234
28	Trends in the state of nature and their implications for human well-being. Ecology Letters, 2005, 8, 1218-1234.	6.4	224
29	Ecological Engineering by a Mega-Grazer: White Rhino Impacts on a South African Savanna. Ecosystems, 2008, 11, 101-112.	3.4	214
30	Kill Thy Neighbour: An Individualistic Argument for the Evolution of Flammability. Oikos, 1995, 73, 79.	2.7	207
31	Growing tall vs growing wide: tree architecture and allometry of Acacia karroo in forest, savanna, and arid environments. Oikos, 2003, 102, 3-14.	2.7	206
32	Resilience and restoration of tropical and subtropical grasslands, savannas, and grassy woodlands. Biological Reviews, 2019, 94, 590-609.	10.4	205
33	A continent-wide assessment of the form and intensity of large mammal herbivory in Africa. Science, 2015, 350, 1056-1061.	12.6	194
34	ENVIRONMENTAL CONSTRAINTS ON A GLOBAL RELATIONSHIP AMONG LEAF AND ROOT TRAITS OF GRASSES. Ecology, 2005, 86, 12-19.	3.2	192
35	Large parts of the world are brown or black: A different view on the â€˜Green Worldâ€™hypothesis. Journal of Vegetation Science, 2005, 16, 261-266.	2.2	191
36	Growth responses of African savanna trees implicate atmospheric [CO₂] as a driver of past and current changes in savanna tree cover. Austral Ecology, 2010, 35, 451-463.	1.5	190

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37	Comment on â€œThe global tree restoration potentialâ€• Science, 2019, 366, .	12.6	185
38	Savanna fire and the origins of the â€˜underground forestsâ€™ of <scp>A</scp>frica. New Phytologist, 2014, 204, 201-214.	7.3	179
39	Fire and the spread of flowering plants in the Cretaceous. New Phytologist, 2010, 188, 1137-1150.	7.3	171
40	Ancient grasslands at risk. Science, 2016, 351, 120-122.	12.6	167
41	The Trouble with Trees: Afforestation Plans for Africa. Trends in Ecology and Evolution, 2019, 34, 963-965.	8.7	164
42	Taxonomic, anatomical, and spatio-temporal variations in the stable carbon and nitrogen isotopic compositions of plants from an African savanna. Journal of Archaeological Science, 2005, 32, 1757-1772.	2.4	160
43	A changing climate is eroding the geographical range of the Namib Desert tree Aloe through population declines and dispersal lags. Diversity and Distributions, 2007, 13, 645-653.	4.1	157
44	The effect of different fire regimes on plant diversity in southern African grasslands. Biological Conservation, 2004, 118, 489-499.	4.1	155
45	Influence of competition and rainfall manipulation on the growth responses of savanna trees and grasses. Ecology, 2013, 94, 1155-1164.	3.2	153
46	Woody encroachment over 70 years in South African savannahs: overgrazing, global change or extinction aftershock?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150437.	4.0	150
47	Ecology of grazing lawns in Africa. Biological Reviews, 2015, 90, 979-994.	10.4	149
48	Mast Flowering and Semelparity in Bamboos: The Bamboo Fire Cycle Hypothesis. American Naturalist, 1999, 154, 383-391.	2.1	146
49	Tyranny of trees in grassy biomes. Science, 2015, 347, 484-485.	12.6	140
50	Is there a â€˜browse trapâ€™? Dynamics of herbivore impacts on trees and grasses in an African savanna. Journal of Ecology, 2014, 102, 595-602.	4.0	139
51	The antiquity of Madagascarâ€™s grasslands and the rise of C₄ grassy biomes. Journal of Biogeography, 2008, 35, 1743-1758.	3.0	138
52	Juggling carbon: allocation patterns of a dominant tree in a fire-prone savanna. Oecologia, 2009, 160, 235-246.	2.0	138
53	Convergent seed germination in South African fynbos and Californian chaparral. , 1997, 133, 153-167.		135
54	Future of African terrestrial biodiversity and ecosystems under anthropogenic climate change. Nature Climate Change, 2015, 5, 823-829.	18.8	133

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55	Spiny plants, mammal browsers, and the origin of African savannas. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5572-9.	7.1	132
56	Plant structural defences against browsing birds: a legacy of New Zealand's extinct moas. Oikos, 2004, 104, 500-508.	2.7	123
57	A mechanistic model for secondary seed dispersal by wind and its experimental validation. Journal of Ecology, 2005, 93, 1017-1028.	4.0	122
58	Open Ecosystems. , 2019, , .		117
59	Human impacts in African savannas are mediated by plant functional traits. New Phytologist, 2018, 220, 10-24.	7.3	114
60	Confronting complexity: fire policy choices in South African savanna parks. International Journal of Wildland Fire, 2003, 12, 381.	2.4	111
61	Do nutrient-poor soils inhibit development of forests? A nutrient stock analysis. Plant and Soil, 2010, 334, 47-60.	3.7	110
62	Humboldt and the reinvention of nature. Journal of Ecology, 2019, 107, 1031-1037.	4.0	109
63	The Nebulous Ecology of Native Invasions. Trends in Ecology and Evolution, 2017, 32, 814-824.	8.7	106
64	Alternative Biome States in Terrestrial Ecosystems. Trends in Plant Science, 2020, 25, 250-263.	8.8	103
65	The consequences of replacing wildlife with livestock in Africa. Scientific Reports, 2017, 7, 17196.	3.3	102
66	Growth of N₂â€fixing African savanna Acacia species is constrained by belowâ€ground competition with grass. Journal of Ecology, 2010, 98, 156-167.	4.0	97
67	Predicting extinction risks for plants: environmental stochasticity can save declining populations. Trends in Ecology and Evolution, 2000, 15, 516-520.	8.7	95
68	Cascading biodiversity and functional consequences of a global changeâ€“induced biome switch. Diversity and Distributions, 2012, 18, 493-503.	4.1	93
69	Bud protection: a key trait for species sorting in a forestâ€“savanna mosaic. New Phytologist, 2015, 207, 1052-1060.	7.3	88
70	Springs and wire plants: anachronistic defences against Madagascar's extinct elephant birds. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1985-1992.	2.6	87
71	Revising the biome concept for understanding and predicting global change impacts. Journal of Biogeography, 2016, 43, 863-873.	3.0	86
72	Frequent fire affects soil nitrogen and carbon in an African savanna by changing woody cover. Oecologia, 2010, 162, 1027-1034.	2.0	84

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73	Increasing atmospheric <scp>CO</scp>₂ overrides the historical legacy of multiple stable biome states in Africa. New Phytologist, 2014, 201, 908-915.	7.3	82
74	Leaf size and inflorescence size may be allometrically related traits. Oecologia, 1989, 78, 427-429.	2.0	81
75	Introduction of giraffe changes acacia distribution in a South African savanna. African Journal of Ecology, 2001, 39, 286-294.	0.9	81
76	Woodland expansion in South African grassy biomes based on satellite observations (1990â€“2013): general patterns and potential drivers. Global Change Biology, 2017, 23, 2358-2369.	9.5	81
77	Topâ€down determinants of niche structure and adaptation among African Acacias. Ecology Letters, 2012, 15, 673-679.	6.4	80
78	Acacia species turnover in space and time in an African savanna. Journal of Biogeography, 2008, 28, 117-128.	3.0	79
79	Simply the best: the transition of savanna saplings to trees. Oikos, 2011, 120, 1448-1451.	2.7	79
80	Steal the light: shade vs fire adapted vegetation in forestâ€“savanna mosaics. New Phytologist, 2018, 218, 1419-1429.	7.3	73
81	Grassland restoration after afforestation: No direction home?. Austral Ecology, 2011, 36, 357-366.	1.5	72
82	Which trees dominate in savannas? The escape hypothesis and eucalypts in northern Australia. Austral Ecology, 2012, 37, 678-685.	1.5	66
83	The savannaâ€grassland â€˜treelineâ€™: why donâ€™t savanna trees occur in upland grasslands?. Journal of Ecology, 2012, 100, 381-391.	4.0	66
84	Ecological aspects of the rise of angiosperms: a challenge to the reproductive superiority hypotheses. Biological Journal of the Linnean Society, 1991, 44, 81-92.	1.6	64
85	Fires in the Cenozoic: a late flowering of flammable ecosystems. Frontiers in Plant Science, 2014, 5, 749.	3.6	64
86	Survival costs and reproductive benefits of floral display in a sexually dimorphic dioecious shrub, Leucadendron xanthoconus. Evolutionary Ecology, 1999, 13, 1-18.	1.2	62
87	Seed dispersal kernel of the largest surviving megaherbivoreâ€”the African savanna elephant. Biotropica, 2017, 49, 395-401.	1.6	61
88	Mutualisms matter: pollination rate limits the distribution of oilâ€secreting orchids. Oikos, 2011, 120, 1531-1538.	2.7	59
89	Fire and the Angiosperm Revolutions. International Journal of Plant Sciences, 2012, 173, 569-583.	1.3	59
90	Comment on â€œThe extent of forest in dryland biomesâ€. Science, 2017, 358, .	12.6	57

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91	Leaf traits of African woody savanna species across climate and soil fertility gradients: evidence for conservative versus acquisitive resourceâ€use strategies. Journal of Ecology, 2016, 104, 1357-1369.	4.0	56
92	Gap characteristics and replacement patterns in the Knysna Forest, South Africa. Journal of Vegetation Science, 1995, 6, 29-36.	2.2	55
93	Dry mass allocation, water use efficiency and Â13C in clones of Eucalyptus grandis, E. grandis x camaldulensis and E. grandis x nitens grown under two irrigation regimes. Tree Physiology, 1996, 16, 497-502.	3.1	54
94	What limits the spread of fire-dependent vegetation? Evidence from geographic variation of serotiny in a New Zealand shrub. Global Ecology and Biogeography, 2004, 13, 115-127.	5.8	54
95	Which traits determine shifts in the abundance of tree species in a fireâ€prone savanna?. Journal of Ecology, 2012, 100, 1400-1410.	4.0	53
96	Functional differentiation of biomes in an African savanna/forest mosaic. South African Journal of Botany, 2015, 101, 82-90.	2.5	53
97	Experimental evidence for heat plumeâ€induced cavitation and xylem deformation as a mechanism of rapid postâ€fire tree mortality. New Phytologist, 2016, 211, 828-838.	7.3	52
98	Mythâ€busting tropical grassy biome restoration. Restoration Ecology, 2020, 28, 1067-1073.	2.9	50
99	Herbivore and nutrient control of lawn and bunch grass distributions in a southern African savanna. Plant Ecology, 2010, 206, 15-27.	1.6	48
100	On the Three Major Recycling Pathways in Terrestrial Ecosystems. Trends in Ecology and Evolution, 2020, 35, 767-775.	8.7	48
101	Tree allometries reflect a lifetime of herbivory in an African savanna. Ecology, 2011, 92, 2310-2315.	3.2	47
102	Will woody plant encroachment impact the visitor experience and economy of conservation areas?. Koedoe, 2013, 55, .	0.9	47
103	Pyrogeography, historical ecology, and the human dimensions of fire regimes. Journal of Biogeography, 2014, 41, 833-836.	3.0	47
104	The deforestation story: testing for anthropogenic origins of Africa's flammable grassy biomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150170.	4.0	47
105	Herbivores shape woody plant communities in the Kruger National Park: Lessons from three long-term exclosures. Koedoe, 2014, 56, .	0.9	46
106	A research agenda for the restoration of tropical and subtropical grasslands and savannas. Restoration Ecology, 2021, 29, e13292.	2.9	45
107	Terrestrial carbon stocks and biodiversity: key knowledge gaps and some policy implications. Current Opinion in Environmental Sustainability, 2010, 2, 264-270.	6.3	44
108	Ten lessons for the conservation of African savannah ecosystems. Biological Conservation, 2013, 167, 224-232.	4.1	44

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109	Reforestation or conservation? The attributes of old growth grasslands in South Africa. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150310.	4.0	43
110	Grass Species Flammability, Not Biomass, Drives Changes in Fire Behavior at Tropical Forest-Savanna Transitions. Frontiers in Forests and Global Change, 2018, 1, .	2.3	43
111	Fire life histories and the seeds of chaos. Ecoscience, 1995, 2, 252-260.	1.4	42
112	Mismatches between demographic niches and geographic distributions are strongest in poorly dispersed and highly persistent plant species. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3663-3669.	7.1	42
113	Defoliation depletes the carbohydrate reserves of resprouting Acacia saplings in an African savanna. Plant Ecology, 2011, 212, 2047-2055.	1.6	39
114	Biome Awareness Disparity is BAD for tropical ecosystem conservation and restoration. Journal of Applied Ecology, 2022, 59, 1967-1975.	4.0	38
115	Diversification of C₄ grasses (Poaceae) does not coincide with their ecological dominance. American Journal of Botany, 2014, 101, 300-307.	1.7	37
116	Different rewards in female and male flowers can explain the evolution of sexual dimorphism in plants. Biological Journal of the Linnean Society, 2005, 85, 97-109.	1.6	35
117	Water sourcing by trees in a mesic savanna: Responses to severing deep and shallow roots. Environmental and Experimental Botany, 2011, 74, 229-236.	4.2	35
118	Fire frequency filters species by bark traits in a savannaâ€“forest mosaic. Journal of Vegetation Science, 2017, 28, 728-735.	2.2	35
119	The effect of grassland shifts on the avifauna of a South African savanna. Ostrich, 2007, 78, 271-279.	1.1	34
120	Belowground competitive suppression of seedling growth by grass in an African savanna. Plant Ecology, 2012, 213, 1655-1666.	1.6	34
121	What do ecologists miss by not digging deep enough? Insights and methodological guidelines for assessing soil fertility status in ecological studies. Acta Oecologica, 2013, 51, 17-27.	1.1	34
122	The Role of Forest Elephants in Shaping Tropical Forestâ€“Savanna Coexistence. Ecosystems, 2020, 23, 602-616.	3.4	33
123	EFFICACY OF WIND POLLINATION: POLLEN LOAD SIZE AND NATURAL MICROGAMETOPHYTE POPULATIONS IN WINDâ€POLLINATED STABEROHA BANKSII (RESTIONACEAE). American Journal of Botany, 1992, 79, 443-448.	1.7	32
124	ECOLOGY: Keystone Species--Hunting the Snark?. Science, 2001, 292, 63-64.	12.6	32
125	Physically motivated empirical models for the spread and intensity of grass fires. International Journal of Wildland Fire, 2008, 17, 595.	2.4	31
126	Low gains in ecosystem carbon with woody plant encroachment in a South African savanna. Journal of Tropical Ecology, 2013, 29, 49-60.	1.1	30

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127	Increasing temperatures can improve seedling establishment in arid-adapted savanna trees. Oecologia, 2014, 175, 1029-1040.	2.0	30
128	Grass competition and the savanna-grassland â€˜treelineâ€™: A question of root gaps?. South African Journal of Botany, 2015, 101, 91-97.	2.5	30
129	Are Protea populations seed limited? Implications for wildflower harvesting in Cape fynbos. Austral Ecology, 1996, 21, 96-105.	1.5	29
130	Nitrogen availability is not affected by frequent fire in a South African savanna. Journal of Tropical Ecology, 2008, 24, 647-654.	1.1	28
131	Are forestâ€shrubland mosaics of the Cape Floristic Region an example of alternate stable states?. Ecography, 2019, 42, 717-729.	4.5	26
132	On Incorporating Fire into Our Thinking about Natural Ecosystems: A Response to Saha and Howe. American Naturalist, 2001, 158, 664-670.	2.1	25
133	The resource economics of chemical and structural defenses across nitrogen supply gradients. Oecologia, 2003, 137, 547-556.	2.0	25
134	History matters: tree establishment variability and species turnover in an African savanna. Ecosphere, 2011, 2, art49.	2.2	25
135	Biome stability and long-term vegetation change in the semi-arid, south-eastern interior of South Africa: A synthesis of repeat photo-monitoring studies. South African Journal of Botany, 2015, 101, 139-147.	2.5	25
136	Out of the shadows: ecology of open ecosystems. Plant Ecology and Diversity, 2021, 14, 205-222.	2.4	25
137	Pushing back in time: the role of fire in plant evolution. New Phytologist, 2011, 191, 5-7.	7.3	24
138	Stem demography and postâ€fire recruitment of a resprouting serotinous conifer. Journal of Vegetation Science, 1999, 10, 69-76.	2.2	23
139	Large parts of the world are brown or black: A different view on the â€˜Green Worldâ€™ hypothesis. Journal of Vegetation Science, 2005, 16, 261.	2.2	23
140	The ecology of drought â€“ a workshop report. South African Journal of Science, 2018, 114, .	0.7	23
141	Palaeoclimateâ€induced range shifts may explain current patterns of spatial genetic variation in renosterbos (Elytropappus rhinocerotis, Asteraceae). Taxon, 2007, 56, 393-408.	0.7	22
142	Does a tradeoff between trait plasticity and resource conservatism contribute to the maintenance of alternative stable states?. New Phytologist, 2019, 223, 1809-1819.	7.3	22
143	Efficacy of Wind Pollination: Pollen Load Size and Natural Microgametophyte Populations in Wind-Pollinated Staberoha banksii (Restionaceae). American Journal of Botany, 1992, 79, 443.	1.7	22
144	A repeat photograph analysis of longâ€term vegetation change in semiâ€arid South Africa in response to land use and climate. Journal of Vegetation Science, 2015, 26, 1013-1023.	2.2	21

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145	Mammal Browsers and Rainfall Affect Acacia Leaf Nutrient Content, Defense, and Growth in South African Savannas. Biotropica, 2015, 47, 190-200.	1.6	21
146	Feedbacks in ecology and evolution. Trends in Ecology and Evolution, 2022, 37, 637-644.	8.7	21
147	Is the lack of leguminous savanna trees in grasslands of South Africa related to nutritional constraints?. Plant and Soil, 2010, 336, 173-182.	3.7	20
148	Soil nutrients in an African forest/savanna mosaic: Drivers or driven?. South African Journal of Botany, 2015, 101, 66-72.	2.5	20
149	The worst drought in 50 years in a South African savannah: Limited impact on vegetation. African Journal of Ecology, 2019, 57, 490-499.	0.9	20
150	Lineageâ€based functional types: characterising functional diversity to enhance the representation of ecological behaviour in Land Surface Models. New Phytologist, 2020, 228, 15-23.	7.3	20
151	The role of browsers in maintaining the openness of savanna grazing lawns. Journal of Ecology, 2021, 109, 913-926.	4.0	20
152	Alternative biome states challenge the modelling of species' niche shifts under climate change. Journal of Ecology, 2021, 109, 3962-3971.	4.0	18
153	Do browsing elephants damage female trees more?. African Journal of Ecology, 2007, 45, 41-48.	0.9	17
154	Will global change improve grazing quality of grasslands? A call for a deeper understanding of the effects of shifts from C4 to C3 grasses for large herbivores. Oikos, 2010, 119, 1857-1861.	2.7	17
155	Effects of Harvesting Flowers from Shrubs on the Persistence and Abundance of Wild Shrub Populations at Multiple Spatial Extents. Conservation Biology, 2011, 25, 73-84.	4.7	17
156	A distinct ecotonal tree community exists at central African forestâ€“savanna transitions. Journal of Ecology, 2021, 109, 1170-1183.	4.0	17
157	Regeneration failure and the potential importance of human disturbance in a subtropical forest. Applied Vegetation Science, 2000, 3, 223-232.	1.9	16
158	Environmental correlates of biomeâ€level floristic turnover in South Africa. Journal of Biogeography, 2017, 44, 1745-1757.	3.0	16
159	CO2 enrichment does not entirely ameliorate Vachellia karroo drought inhibition: A missing mechanism explaining savanna bush encroachment. Environmental and Experimental Botany, 2018, 155, 98-106.	4.2	16
160	N-fertilization does not alleviate grass competition induced reduction of growth of African savanna species. Plant and Soil, 2013, 366, 563-574.	3.7	15
161	Effects of short-term intensive trampling on Karoo vegetation. African Journal of Range and Forage Science, 2018, 35, 311-318.	1.4	15
162	Savanna tree evolutionary ages inform the reconstruction of the paleoenvironment of our hominin ancestors. Scientific Reports, 2020, 10, 12430.	3.3	15

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163	Observations on the natural history of a savanna drought. African Journal of Range and Forage Science, 2020, 37, 119-136.	1.4	15
164	Pathways of savannization in a mesic African savannaâ€“forest mosaic following an extreme fire. Journal of Ecology, 2022, 110, 902-915.	4.0	15
165	Biome boundary maintained by intense belowground resource competition in worldâ€™s thinnest-rooted plant community. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	15
166	Interactions between Fire and Ecosystem Processes. , 2017, , 233-262.		14
167	Transplant Experiments Point to Fire Regime as Limiting Savanna Tree Distribution. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	14
168	Fire refugia facilitate forest and savanna coâ€existence as alternative stable states. Journal of Biogeography, 2019, 46, 2800-2810.	3.0	12
169	Genetic variation in an endangered cedar (Widdringtonia cedarbergensis) versus two congeneric species. South African Journal of Botany, 1997, 63, 133-140.	2.5	11
170	Multiple routes underground? Frost alone cannot explain the evolution of underground trees. New Phytologist, 2016, 209, 910-912.	7.3	11
171	Savannas are vital but overlooked carbon sinks. Science, 2022, 375, 392-392.	12.6	11
172	Age determination of two South African Acacia species using ring counts and radiocarbon dating. African Journal of Ecology, 2006, 44, 417-419.	0.9	9
173	Modelling direct and indirect impacts of browser consumption on woody plant growth: moving beyond biomass. Oikos, 2014, 123, 315-322.	2.7	9
174	Vegetation change (1988â€“2010) in Camdeboo National Park (South Africa), using fixed-point photo monitoring: The role of herbivory and climate. Koedoe, 2013, 55, .	0.9	7
175	Quantifying the environmental limits to fire spread in grassy ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
176	Woody Plant Traits and Life-History Strategies across Disturbance Gradients and Biome Boundaries in the Hluhluwe-iMfolozi Park. , 2017, , 189-210.		6
177	Demographic Bottlenecks and Savanna Tree Abundance. , 2017, , 161-188.		5
178	The historical distribution of megaherbivores does not determine the distribution of megafaunal fruit in southern Africa. Biological Journal of the Linnean Society, 2019, , .	1.6	4
179	Xylem hydraulics and angiosperm success. , 2004, , 259-271.		4
180	Environmental stochasticity cannot save declining populations. Trends in Ecology and Evolution, 2001, 16, 177.	8.7	3

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181	The role of shade in maintaining alternative stable states between openâ€•and closedâ€•canopy vegetation. Journal of Ecology, 2021, 109, 3835-3848.	4.0	3
182	Resilience modes of an ancient mountain valley grassland in South Africa indicated by palaeoenvironmental methods. Environmental Research Letters, 2021, 16, 055002.	5.2	3
183	Seeing the grasslands through the treesâ€"Response. Science, 2016, 351, 1036-1037.	12.6	2
184	EFFECTS OF FIRE AND HERBIVORY ON THE STABILITY OF SAVANNA ECOSYSTEMS. , 2003, 84, 337.		2
185	The world is not as green as it could be and that requires explanation â€“ a reply to White. Journal of Vegetation Science, 2006, 17, 541.	2.2	2
186	The world is not as green as it could be and that requires explanation â€•a reply to White. Journal of Vegetation Science, 2006, 17, 541-542.	2.2	1
187	Vertebrate herbivory and open ecosystems. , 2019, , 121-140.		1
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