

Alessandra Fidelis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2176833/publications.pdf>

Version: 2024-02-01

75
papers

6,848
citations

172207

29
h-index

82410

72
g-index

75
all docs

75
docs citations

75
times ranked

11570
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY – a global database of plant traits. <i>Global Change Biology</i> , 2011, 17, 2905-2935.	4.2	2,002
2	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
3	Brazil's neglected biome: The South Brazilian Campos. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2007, 9, 101-116.	1.1	554
4	Worldwide evidence of a unimodal relationship between productivity and plant species richness. <i>Science</i> , 2015, 349, 302-305.	6.0	315
5	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018, 27, 760-786.	2.7	289
6	Unearthing belowground bud banks in fire-prone ecosystems. <i>New Phytologist</i> , 2018, 217, 1435-1448.	3.5	257
7	A research agenda for seed-trait functional ecology. <i>New Phytologist</i> , 2019, 221, 1764-1775.	3.5	218
8	Resilience and restoration of tropical and subtropical grasslands, savannas, and grassy woodlands. <i>Biological Reviews</i> , 2019, 94, 590-609.	4.7	205
9	Seed germination traits can contribute better to plant community ecology. <i>Journal of Vegetation Science</i> , 2016, 27, 637-645.	1.1	192
10	Comment on –The global tree restoration potential–. <i>Science</i> , 2019, 366, .	6.0	185
11	Does disturbance affect bud bank size and belowground structures diversity in Brazilian subtropical grasslands?. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 110-116.	0.6	77
12	The Year 2017: Megafires and Management in the Cerrado. <i>Fire</i> , 2018, 1, 49.	1.2	69
13	The diversity of post-fire regeneration strategies in the cerrado ground layer. <i>Journal of Ecology</i> , 2021, 109, 154-166.	1.9	64
14	Does season affect fire behaviour in the Cerrado?. <i>International Journal of Wildland Fire</i> , 2017, 26, 427.	1.0	55
15	Myth-busting tropical grassy biome restoration. <i>Restoration Ecology</i> , 2020, 28, 1067-1073.	1.4	50
16	How can an invasive grass affect fire behavior in a tropical savanna? A community and individual plant level approach. <i>Biological Invasions</i> , 2015, 17, 423-431.	1.2	49
17	Short-term changes caused by fire and mowing in Brazilian Campos grasslands with different long-term fire histories. <i>Journal of Vegetation Science</i> , 2012, 23, 552-562.	1.1	48
18	Impact of invasive grasses on Cerrado under natural regeneration. <i>Biological Invasions</i> , 2018, 20, 3621-3629.	1.2	48

#	ARTICLE	IF	CITATIONS
19	Does Fire Trigger Seed Germination in the Neotropical Savannas? Experimental Tests with Six Cerrado Species. <i>Biotropica</i> , 2016, 48, 181-187.	0.8	45
20	A research agenda for the restoration of tropical and subtropical grasslands and savannas. <i>Restoration Ecology</i> , 2021, 29, e13292.	1.4	45
21	Araucaria forest dynamics in relation to fire frequency in southern Brazil based on fossil and modern pollen data. <i>Review of Palaeobotany and Palynology</i> , 2010, 160, 53-65.	0.8	43
22	Fire effects on seed germination: Heat shock and smoke on permeable vs impermeable seed coats. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 253, 98-106.	0.6	43
23	Does fire induce flowering in Brazilian subtropical grasslands?. <i>Applied Vegetation Science</i> , 2014, 17, 690-699.	0.9	42
24	Above- and below-ground biomass and carbon dynamics in Brazilian Cerrado wet grasslands. <i>Journal of Vegetation Science</i> , 2013, 24, 356-364.	1.1	41
25	A handbook for the standardised sampling of plant functional traits in disturbance-prone ecosystems, with a focus on open ecosystems. <i>Australian Journal of Botany</i> , 2020, 68, 473.	0.3	38
26	Biome Awareness Disparity is BAD for tropical ecosystem conservation and restoration. <i>Journal of Applied Ecology</i> , 2022, 59, 1967-1975.	1.9	38
27	Post-fire regeneration strategies in a frequently burned Cerrado community. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	37
28	Feedbacks between vegetation and disturbance processes promote long-term persistence of forest-grassland mosaics in south Brazil. <i>Ecological Modelling</i> , 2014, 291, 224-232.	1.2	36
29	A field perspective on effects of fire and temperature fluctuation on Cerrado legume seeds. <i>Seed Science Research</i> , 2017, 27, 74-83.	0.8	36
30	Fire and legume germination in a tropical savanna: ecological and historical factors. <i>Annals of Botany</i> , 2019, 123, 1219-1229.	1.4	33
31	Population biology and regeneration of forbs and shrubs after fire in Brazilian Campos grasslands. <i>Plant Ecology</i> , 2010, 211, 107-117.	0.7	32
32	Fire-triggered flowering is the dominant post-fire strategy in a tropical savanna. <i>Journal of Vegetation Science</i> , 2021, 32, e12995.	1.1	28
33	Management Policies for Invasive Alien Species: Addressing the Impacts Rather than the Species. <i>BioScience</i> , 2021, 71, 174-185.	2.2	27
34	And after fire, the Cerrado flowers: A review of post-fire flowering in a tropical savanna. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021, 280, 151849.	0.6	27
35	Estrutura de um cerrado strico sensu na Gleba Cerrado P�de-Gigante, Santa Rita do Passa Quatro, SP. <i>Acta Botanica Brasilica</i> , 2003, 17, 531-539.	0.8	26
36	Effects of disturbance on population biology of the rosette species <i>Eryngium horridum</i> Malme in grasslands in southern Brazil. <i>Plant Ecology</i> , 2008, 195, 55-67.	0.7	26

#	ARTICLE	IF	CITATIONS
37	To resist or to germinate? The effect of fire on legume seeds in Brazilian subtropical grasslands. <i>Acta Botanica Brasilica</i> , 2016, 30, 147-151.	0.8	26
38	How do the wets burn? Fire behavior and intensity in wet grasslands in the Brazilian savanna. <i>Revista Brasileira De Botanica</i> , 2017, 40, 167-175.	0.5	26
39	Is fire always the "bad guy"? <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2020, 268, 151611.	0.6	26
40	Disturbance as a factor in breaking dormancy and enhancing invasiveness of African grasses in a Neotropical Savanna. <i>Acta Botanica Brasilica</i> , 2016, 30, 131-137.	0.8	25
41	Gaps critical for the survival of exposed seeds during Cerrado fires. <i>Australian Journal of Botany</i> , 2018, 66, 116.	0.3	24
42	From ashes to flowers: a savanna sedge initiates flowers 24h after fire. <i>Ecology</i> , 2019, 100, e02648.	1.5	24
43	Global endemics-area relationships of vascular plants. <i>Perspectives in Ecology and Conservation</i> , 2019, 17, 41-49.	1.0	22
44	Placing Brazil's grasslands and savannas on the map of science and conservation. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2022, 56, 125687.	1.1	22
45	The presence of invasive grasses affects the soil seed bank composition and dynamics of both invaded and non-invaded areas of open savannas. <i>Journal of Environmental Management</i> , 2020, 276, 111291.	3.8	18
46	How does fire affect germination of grasses in the Cerrado?. <i>Seed Science Research</i> , 2020, 30, 275-283.	0.8	18
47	Fire frequency affects fire behavior in open savannas of the Cerrado. <i>Forest Ecology and Management</i> , 2021, 482, 118850.	1.4	18
48	Abundance of invasive grasses is dependent on fire regime and climatic conditions in tropical savannas. <i>Journal of Environmental Management</i> , 2020, 271, 111016.	3.8	17
49	Efeitos de altas temperaturas na germinação de sementes de capim-dourado (<i>Syngonanthus nitens</i>) Tj ETQq1 1 0.784314,rgBT /O	0.8	16
50	The effect of simulated heat-shock and daily temperature fluctuations on seed germination of four species from fire-prone ecosystems. <i>Acta Botanica Brasilica</i> , 2016, 30, 514-519.	0.8	16
51	Not a melting pot: Plant species aggregate in their non-native range. <i>Global Ecology and Biogeography</i> , 2020, 29, 482-490.	2.7	16
52	Variation in biomass allocation and root functional parameters in response to fire history in Brazilian savannas. <i>Journal of Ecology</i> , 2021, 109, 4143-4157.	1.9	14
53	The ecological value of <i>Eryngium horridum</i> in maintaining biodiversity in subtropical grasslands. <i>Austral Ecology</i> , 2009, 34, 558-566.	0.7	12
54	Fire promotes functional plant diversity and modifies soil carbon dynamics in tropical savanna. <i>Science of the Total Environment</i> , 2022, 812, 152317.	3.9	12

#	ARTICLE	IF	CITATIONS
55	Fire cues and germination of invasive and native grasses in the Cerrado. <i>Acta Botanica Brasilica</i> , 2020, 34, 185-191.	0.8	11
56	New endemic species of <i>Manihot</i> (Euphorbiaceae) from Serra do Tombador in Goiás, Central Brazil. <i>Phytotaxa</i> , 2016, 273, 147.	0.1	10
57	Do we need intervention after pine tree removal? The use of different management techniques to enhance Cerrado natural regeneration. <i>Perspectives in Ecology and Conservation</i> , 2019, 17, 146-150.	1.0	10
58	Long-term <i>Pinus</i> plantations reduce the bud bank in Cerrado areas. <i>Applied Vegetation Science</i> , 2021, 24, .	0.9	10
59	CONTAIN: Optimising the long-term management of invasive alien species using adaptive management. <i>NeoBiota</i> , 0, 59, 119-138.	1.0	10
60	Your best buds are worth protecting: Variation in bud protection in a fire-prone cerrado system. <i>Functional Ecology</i> , 2021, 35, 2424-2434.	1.7	9
61	Correlates of geoxyle diversity in Afrotropical grasslands. <i>Journal of Biogeography</i> , 2022, 49, 339-352.	1.4	9
62	Identifying Priorities, Targets, and Actions for the Long-term Social and Ecological Management of Invasive Non-Native Species. <i>Environmental Management</i> , 2022, 69, 140-153.	1.2	8
63	Fire and herbivory shape belowground bud banks in a semi-arid African savanna. <i>African Journal of Range and Forage Science</i> , 2022, 39, 16-26.	0.6	8
64	Fire exclusion changes belowground bud bank and bud-bearing organ composition jeopardizing open savanna resilience. <i>Oecologia</i> , 2022, 199, 153-164.	0.9	8
65	What matters for vegetation regeneration in Brazilian subtropical grasslands: seeders or resprouters?. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021, 279, 151817.	0.6	7
66	Flammability in tropical savannas: Variation among growth forms and seasons in Cerrado. <i>Biotropica</i> , 2022, 54, 979-987.	0.8	7
67	Introducing bud bank and below-ground plant organ research to South Africa: Report on a workshop and the way forward. <i>South African Journal of Science</i> , 2019, 115, .	0.3	6
68	Response to Comment on "Worldwide evidence of a unimodal relationship between productivity and plant species richness". <i>Science</i> , 2016, 351, 457-457.	6.0	5
69	Seed germination niche across habitats: an introduction to this special issue. <i>Folia Geobotanica</i> , 2019, 54, 1-4.	0.4	5
70	Seed tolerance to post-fire temperature fluctuation of Cerrado legume shrubs with micromorphological implications. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021, 275, 151761.	0.6	5
71	Heat and smoke affect the germination of flammable resprouters: <i>Vellozia</i> species in the Cerrado. <i>Folia Geobotanica</i> , 2019, 54, 65-72.	0.4	4
72	Germination and seedling morphology of four South American <i>Smilax</i> (<i>Smilacaceae</i>). <i>Revista De Biologia Tropical</i> , 2012, 60, 495-504.	0.1	4

#	ARTICLE	IF	CITATIONS
73	Corrigendum to: A handbook for the standardised sampling of plant functional traits in disturbance-prone ecosystems, with a focus on open ecosystems. Australian Journal of Botany, 2021, 69, 110.	0.3	1
74	Native ants help to spread an invasive African grass in the Cerrado. Biotropica, 0, , .	0.8	1
75	Fire stimulates grass flowering in the Cerrado independent of season. Journal of Vegetation Science, 2022, 33, .	1.1	0