Rachel Jayne Standish

List of Publications by Year
in descending order

83 papers	4,467 citations	159585 30 h-index	114465 63 g-index
91 all docs	91 docs citations	91 times ranked	6421 citing authors

#	Article	IF	Citations
1	What's new about old fields? Land abandonment and ecosystem assembly. Trends in Ecology and Evolution, 2008, 23, 104-112.	8.7	668
2	Managing the whole landscape: historical, hybrid, and novel ecosystems. Frontiers in Ecology and the Environment, 2014, 12, 557-564.	4.0	378
3	Advances in restoration ecology: rising to the challenges of the coming decades. Ecosphere, 2015, 6, 1-25.	2.2	361
4	Resilience in ecology: Abstraction, distraction, or where the action is?. Biological Conservation, 2014, 177, 43-51.	4.1	325
5	Local loss and spatial homogenization of plant diversity reduce ecosystem multifunctionality. Nature Ecology and Evolution, 2018, 2, 50-56.	7.8	172
6	Primed for Change: Developing Ecological Restoration for the 21st Century. Restoration Ecology, 2013, 21, 297-304.	2.9	147
7	Benefits of tree mixes in carbon plantings. Nature Climate Change, 2013, 3, 869-874.	18.8	141
8	Improving city life: options for ecological restoration in urban landscapes and how these might influence interactions between people and nature. Landscape Ecology, 2013, 28, 1213-1221.	4.2	129
9	The impact of an invasive weed Tradescantia fluminensis on native forest regeneration. Journal of Applied Ecology, 2001, 38, 1253-1263.	4.0	127
10	Plant functional traits of dominant native and invasive species in mediterraneanâ€climate ecosystems. Ecology, 2016, 97, 75-83.	3.2	123
11	Benefits of mycorrhizal inoculation to ecological restoration depend on plant functional type, restoration context and time. Fungal Ecology, 2019, 40, 140-149.	1.6	103
12	Fine endophytes (<i>Glomus tenue</i>) are related to Mucoromycotina, not Glomeromycota. New Phytologist, 2017, 213, 481-486.	7.3	101
13	Facilitating adaptation of biodiversity to climate change: a conceptual framework applied to the worldâ€™s largest Mediterranean-climate woodland. Climatic Change, 2012, 110, 227-248.	3.6	89
14	AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254.	5.3	73
15	Incorporating novelty and novel ecosystems into restoration planning and practice in the 21st century. Ecological Processes, 2013, 2, .	3.9	70
16	Fine root endophytes under scrutiny: a review of the literature on arbuscule-producing fungi recently suggested to belong to the Mucoromycotina. Mycorrhiza, 2017, 27, 619-638.	2.8	67
17	Invasion by a Perennial Herb Increases Decomposition Rate and Alters Nutrient Availability in Warm Temperate Lowland Forest Remnants. Biological Invasions, 2004, 6, 71-81.	2.4	62
18	Landâ€use legacy and the persistence of invasive<i>Avena barbata</i>on abandoned farmland. Journal of Applied Ecology, 2008, 45, 1576-1583.	4.0	56

#	Article	IF	Citations
19	Threats to biodiversity from cumulative human impacts in one of North America's last wildlife frontiers. Conservation Biology, 2018, 32, 672-684.	4.7	53
20	The Ridgefield Multiple Ecosystem Services Experiment: Can restoration of former agricultural land achieve multiple outcomes?. Agriculture, Ecosystems and Environment, 2012, 163, 14-27.	5.3	52
21	Movers and Stayers: Novel Assemblages in Changing Environments. Trends in Ecology and Evolution, 2018, 33, 116-128.	8.7	52
22	Impact of an invasive clonal herb on epigaeic invertebrates in forest remnants in New Zealand. Biological Conservation, 2004, 116, 49-58.	4.1	49
23	Seed mass and summer drought survival in a Mediterranean-climate ecosystem. Plant Ecology, 2011, 212, 1479-1489.	1.6	44
24	Negative effects of nitrogen override positive effects of phosphorus on grassland legumes worldwide. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
25	Novel ecosystems: Governance and conservation in the age of the Anthropocene. Journal of Environmental Management, 2018, 208, 36-45.	7.8	38
26	Habitat restoration will help some functional plant types persist under climate change in fragmented landscapes. Global Change Biology, 2012, 18, 2057-2070.	9.5	37
27	Identifying management options for modified vegetation: Application of the novel ecosystems framework to a case study in the Galapagos Islands. Biological Conservation, 2014, 172, 37-48.	4.1	36
28	Using structured decisionâ€making to set restoration objectives when multiple values and preferences exist. Restoration Ecology, 2017, 25, 858-865.	2.9	33
29	Towards a bridging concept for undesirable resilience in social-ecological systems. Global Sustainability, 2020, 3, .	3.3	33
30	A framework for developing completion criteria for mine closure and rehabilitation. Journal of Environmental Management, 2020, 273, 111078.	7.8	33
31	Resilience trinity: safeguarding ecosystem functioning and services across three different time horizons and decision contexts. Oikos, 2020, 129, 445-456.	2.7	33
32	Correlation between soil development and native plant growth in forest restoration after surface mining. Ecological Engineering, 2017, 106, 209-218.	3.6	32
33	Seedling emergence and summer survival after direct seeding for woodland restoration on old fields in southâ€western <scp>A</scp>ustralia. Ecological Management and Restoration, 2014, 15, 140-146.	1.5	31
34	Longâ€term data suggest jarrahâ€forest establishment at restored mine sites is resistant to climate variability. Journal of Ecology, 2015, 103, 78-89.	4.0	31
35	Nitrogen and phosphorus fertilizer regime affect jarrah forest restoration after bauxite mining in <scp>W</scp>estern <scp>A</scp>ustralia. Applied Vegetation Science, 2013, 16, 610-618.	1.9	30
36	Integrating diverse social and ecological motivations to achieve landscape restoration. Journal of Applied Ecology, 2019, 56, 246-252.	4.0	28

#	Article	IF	Citations
37	Microbial processing of plant remains is coâ€limited by multiple nutrients in global grasslands. Global Change Biology, 2020, 26, 4572-4582.	9.5	27
38	After the fence: vegetation and topsoil condition in grazed, fenced and benchmark eucalypt woodlands of fragmented agricultural landscapes. Australian Journal of Botany, 2011, 59, 369.	0.6	27
39	Phosphorus fertilisation and large legume species affect jarrah forest restoration after bauxite mining. Forest Ecology and Management, 2015, 354, 10-17.	3.2	23
40	Global metaâ€analysis reveals incomplete recovery of soil conditions and invertebrate assemblages after ecological restoration in agricultural landscapes. Journal of Applied Ecology, 2022, 59, 358-372.	4.0	20
41	Agricultural landâ€use favours Mucoromycotinian, but not Glomeromycotinian, arbuscular mycorrhizal fungi across ten biomes. New Phytologist, 2022, 233, 1369-1382.	7.3	19
42	Isolation predicts compositional change after discrete disturbances in a global metaâ€study. Ecography, 2017, 40, 1256-1266.	4.5	18
43	Evidence for Niche Differentiation in the Environmental Responses of Co-occurring Mucoromycotinian Fine Root Endophytes and Glomeromycotinian Arbuscular Mycorrhizal Fungi. Microbial Ecology, 2021, 81, 864-873.	2.8	17
44	How will climate variability interact with long-term climate change to affect the persistence of plant species in fragmented landscapes?. Environmental Conservation, 2014, 41, 110-121.	1.3	16
45	Comment on â€œWorldwide evidence of a unimodal relationship between productivity and plant species richnessâ€. Science, 2016, 351, 457-457.	12.6	16
46	First Cryo-Scanning Electron Microscopy Images and X-Ray Microanalyses of Mucoromycotinian Fine Root Endophytes in Vascular Plants. Frontiers in Microbiology, 2020, 11, 2018.	3.5	16
47	Global resource acquisition patterns of invasive and native plant species do not hold at the regional scale in Mediterranean type ecosystems. Biological Invasions, 2017, 19, 1143-1151.	2.4	15
48	Enduring effects of large legumes and phosphorus fertiliser on jarrah forest restoration 15â€¯years after bauxite mining. Forest Ecology and Management, 2019, 438, 204-214.	3.2	15
49	Restoration of OCBILs in south-western Australia: Response to Hopper. Plant and Soil, 2010, 330, 15-18.	3.7	14
50	Ecological interactions among microbial functional guilds in the plant-soil system and implications for ecosystem function. Plant and Soil, 2022, 476, 301-313.	3.7	14
51	The role of landscape connectivity in resistance, resilience, and recovery of multiâ€trophic microarthropod communities. Ecology, 2018, 99, 1164-1172.	3.2	13
52	Field-Deployed Extruded Seed Pellets Show Promise for Perennial Grass Establishment in Arid Zone Mine Rehabilitation. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	13
53	Mine completion criteria defined by best-practice: A global meta-analysis and Western Australian case studies. Journal of Environmental Management, 2021, 282, 111912.	7.8	13
54	Coâ€benefits of planting species mixes in carbon projects. Ecological Management and Restoration, 2014, 15, 26-29.	1.5	12

#	Article	IF	Citations
55	Soil-vegetation type, stem density and species richness influence biomass of restored woodland in south-western Australia. Forest Ecology and Management, 2015, 344, 53-62.	3.2	12
56	Nutrient enrichment diminishes plant diversity and density, and alters long-term ecological trajectories, in a biodiverse forest restoration. Ecological Engineering, 2021, 165, 106222.	3.6	12
57	Potential benefits of biodiversity to Australian vegetation projects registered with the Emissions Reduction Fundâ€"is there a carbonâ€biodiversity tradeâ€off?. Ecological Management and Restoration, 2020, 21, 165-172.	1.5	11
58	Nitrogen but not phosphorus addition affects symbiotic N2 fixation by legumes in natural and semi-natural grasslands located on four continents. Plant and Soil, 2022, 478, 689-707.	3.7	11
59	Soil conditioning and plant-soil feedbacks in a modified forest ecosystem are soil-context dependent. Plant and Soil, 2015, 390, 183-194.	3.7	10
60	Experimental evidence that even minor livestock trampling has severe effects on land snail communities in forest remnants. Journal of Applied Ecology, 2015, 52, 161-170.	4.0	10
61	Mycorrhizal symbiosis and phosphorus supply determine interactions among plants with contrasting nutrientâ€acquisition strategies. Journal of Ecology, 2021, 109, 3892-3902.	4.0	10
62	Genetic and mating system assessment of translocation success of the longâ€lived perennial shrub <i>Lambertia orbifolia</i> (Proteaceae). Restoration Ecology, 2021, 29, e13369.	2.9	9
63	Rethinking soil water repellency and its management. Plant Ecology, 2019, 220, 977-984.	1.6	8
64	A framework for measuring the effects of disturbance in restoration projects. Restoration Ecology, 2021, 29, e13379.	2.9	8
65	Recovery of woody but not herbaceous native flora 10 years post oldâ€field restoration. Ecological Solutions and Evidence, 2021, 2, e12097.	2.0	8
66	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. Ecology and Evolution, 2021, 11, 17744-17761.	1.9	8
67	Transformation archetypes in global food systems. Sustainability Science, 2022, 17, 1827-1840.	4.9	8
68	<scp>P</scp> is for persistence: Soil phosphorus remains elevated for more than a decade after old field restoration. Ecological Applications, 2022, 32, e2547.	3.8	7
69	Effect of plant root symbionts on performance of native woody species in competition with an invasive grass in multispecies microcosms. Ecology and Evolution, 2018, 8, 8652-8664.	1.9	6
70	Phosphorus supply affects seedling growth of mycorrhizal but not cluster-root forming jarrah-forest species. Plant and Soil, 2022, 472, 577-594.	3.7	6
71	Capacity for change: three core attributes of adaptive capacity that bolster restoration efficacy. Restoration Ecology, 0, , .	2.9	6
72	Best served deep: The seedbank from salvaged topsoil underscores the role of the dispersal filter in restoration practice. Applied Vegetation Science, 2021, 24, .	1.9	5

#	Article	IF	Citations
73	Global change shifts tradeâ€offs among ecosystem functions in woodlands restored for multifunctionality. Journal of Applied Ecology, 2021, 58, 1705-1717.	4.0	5
74	Nestedness patterns reveal impacts of reduced rainfall on seedling establishment in restored jarrah forest. Forest Ecology and Management, 2018, 427, 242-249.	3.2	4
75	Ten years of pulling: Ecosystem recovery after longâ€term weed management in Garry oak savanna. Conservation Science and Practice, 2019, 1, e92.	2.0	4
76	Beyond species richness and community composition: Using plant functional diversity to measure restoration success in jarrah forest. Applied Vegetation Science, 2021, 24, e12607.	1.9	4
77	Applied phosphorus has long-term impacts on vegetation responses in restored jarrah forest. , 2019, , .		4
78	Restoring Jarrah Forest after Bauxite Mining in Western Australia â€" The Effect of Fertilizer on Floristic Diversity and Composition. , 2008, , .		4
79	Plant size and neighbourhood characteristics influence survival and growth in a restored exâ€agricultural ecosystem. Ecological Solutions and Evidence, 2022, 3, .	2.0	3
80	Oldâ€field restoration improves habitat for ants in a semiâ€arid landscape. Restoration Ecology, 2022, 30, e13605.	2.9	2
81	Nonâ€native plants and nitrogen addition have little effect on pollination and seed set in 3â€yearâ€old restored woodland. Austral Ecology, 2020, 45, 1156-1168.	1.5	1
82	Richard J. Hobbs: how one ecologist has influenced the way we think about restoration ecology. Restoration Ecology, 2020, 28, 1042-1046.	2.9	0
83	Abiotic and biotic responses to woody debris additions in restored old fields in a multiâ€site <scp>Beforeâ€Afterâ€Controlâ€Impact</scp> experiment. Ecology and Evolution, 2022, 12, .	1.9	0