Philip Hulme

List of Publications by Year
in descending order

254 papers	30,042 citations	7096 78 h-index	5988 160 g-index
262 all docs	262 docs citations	262 times ranked	20814 citing authors

#	Article	IF	Citations
1	Ecological impacts of invasive alien plants: a meta-analysis of their effects on species, communities and ecosystems. Ecology Letters, 2011, 14, 702-708.	6.4	2,215
2	Trade, transport and trouble: managing invasive species pathways in an era of globalization. Journal of Applied Ecology, 2009, 46, 10-18.	4.0	1,859
3	No saturation in the accumulation of alien species worldwide. Nature Communications, 2017, 8, 14435.	12.8	1,543
4	Alien species in a warmer world: risks and opportunities. Trends in Ecology and Evolution, 2009, 24, 686-693.	8.7	1,031
5	A global assessment of invasive plant impacts on resident species, communities and ecosystems: the interaction of impact measures, invading species' traits and environment. Global Change Biology, 2012, 18, 1725-1737.	9.5	1,026
6	Are treelines advancing? A global metaâ€anâ€analysis of treeline response to climate warming. Ecology Letters, 2009, 12, 1040-1049.	6.4	977
7	Scientists' warning on invasive alien species. Biological Reviews, 2020, 95, 1511-1534.	10.4	928
8	How well do we understand the impacts of alien species on ecosystem services? A panâ€European, crossâ€taxa assessment. Frontiers in Ecology and the Environment, 2010, 8, 135-144.	4.0	870
9	Grasping at the routes of biological invasions: a framework for integrating pathways into policy. Journal of Applied Ecology, 2008, 45, 403-414.	4.0	784
10	A Unified Classification of Alien Species Based on the Magnitude of their Environmental Impacts. PLoS Biology, 2014, 12, e1001850.	5.6	648
11	Beyond control: wider implications for the management of biological invasions. Journal of Applied Ecology, 2006, 43, 835-847.	4.0	545
12	Disentangling the role of environmental and human pressures on biological invasions across Europe. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12157-12162.	7.1	470
13	Socioeconomic legacy yields an invasion debt. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 203-207.	7.1	442
14	Global rise in emerging alien species results from increased accessibility of new source pools. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2264-E2273.	7.1	416
15	Bias and error in understanding plant invasion impacts. Trends in Ecology and Evolution, 2013, 28, 212-218.	8.7	352
16	Adapting to climate change: is there scope for ecological management in the face of a global threat?. Journal of Applied Ecology, 2005, 42, 784-794.	4.0	339
17	Projecting the continental accumulation of alien species through to 2050. Global Change Biology, 2021, 27, 970-982.	9.5	327
18	Invasion Science: A Horizon Scan of Emerging Challenges and Opportunities. Trends in Ecology and Evolution, 2017, 32, 464-474.	8.7	312

#	Article	IF	Citations
19	Post-dispersal seed predation: consequences for plant demography and evolution. Perspectives in Plant Ecology, Evolution and Systematics, 1998, 1, 32-46.	2.7	309
20	Defining the Impact of Nonâ€Native Species. Conservation Biology, 2014, 28, 1188-1194.	4.7	308
21	Plant extinctions and introductions lead to phylogenetic and taxonomic homogenization of the European flora. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21721-21725.	7.1	305
22	Ecological Impacts of Alien Species: Quantification, Scope, Caveats, and Recommendations. BioScience, 2015, 65, 55-63.	4.9	301
23	Herbivores inhibit climateâ€driven shrub expansion on the tundra. Global Change Biology, 2009, 15, 2681-2693.	9.5	288
24	Will Threat of Biological Invasions Unite the European Union?. Science, 2009, 324, 40-41.	12.6	279
25	The intermediate disturbance hypothesis and plant invasions: Implications for species richness and management. Perspectives in Plant Ecology, Evolution and Systematics, 2012, 14, 231-241.	2.7	271
26	Multiple stressors on biotic interactions: how climate change and alien species interact to affect pollination. Biological Reviews, 2010, 85, 777-795.	10.4	259
27	Spatio-temporal dynamics of plant invasions: Linking pattern to process. Ecoscience, 2005, 12, 302-315.	1.4	254
28	The changing role of ornamental horticulture in alien plant invasions. Biological Reviews, 2018, 93, 1421-1437.	10.4	251
29	Tackling Invasive Alien Species in Europe: the top 20 issues. Management of Biological Invasions, 2014, 5, 1-20.	1.2	248
30	Species attributes and invasion success by alien plants on Mediterranean islands. Journal of Ecology, 2005, 93, 512-520.	4.0	246
31	Climate change and biological invasions: evidence, expectations, and response options. Biological Reviews, 2017, 92, 1297-1313.	10.4	244
32	TEASIng apart alien species risk assessments: a framework for best practices. Ecology Letters, 2012, 15, 1475-1493.	6.4	241
33	Local and regional assessments of the impacts of plant invaders on vegetation structure and soil properties of Mediterranean islands. Journal of Biogeography, 2006, 33, 853-861.	3.0	236
34	Assessing the impact of Impatiens glandulifera on riparian habitats: partitioning diversity components following species removal. Journal of Applied Ecology, 2005, 43, 43-50.	4.0	235
35	Biological invasions: winning the science battles but losing the conservation war?. Oryx, 2003, 37, 178-193.	1.0	234
36	Negative soil feedbacks accumulate over time for nonâ€native plant species. Ecology Letters, 2010, 13, 803-809.	6.4	220

#	Article	IF	Citations
37	Darwinâ€™s naturalization conundrum: dissecting taxonomic patterns of species invasions. Ecology Letters, 2008, 11, 674-681.	6.4	203
38	Crossing Frontiers in Tackling Pathways of Biological Invasions. BioScience, 2015, 65, 769-782.	4.9	202
39	Lagâ€phases in alien plant invasions: separating the facts from the artefacts. Oikos, 2010, 119, 370-378.	2.7	199
40	Herbivory, Plant Regeneration, and Species Coexistence. Journal of Ecology, 1996, 84, 609.	4.0	189
41	Predicting the spatial distribution of non-indigenous riparian weeds: issues of spatial scale and extent. Journal of Applied Ecology, 2000, 37, 13-27.	4.0	187
42	Framework and guidelines for implementing the proposed <scp>IUCN</scp> Environmental Impact Classification for Alien Taxa (<scp>EICAT</scp>). Diversity and Distributions, 2015, 21, 1360-1363.	4.1	184
43	Weed risk assessment: a way forward or a waste of time?. Journal of Applied Ecology, 2012, 49, 10-19.	4.0	172
44	Invasion pathways at a crossroad: policy and research challenges for managing alien species introductions. Journal of Applied Ecology, 2015, 52, 1418-1424.	4.0	168
45	Post-dispersal seed predation and the establishment of vertebrate dispersed plants in Mediterranean scrublands. Oecologia, 1997, 111, 91-98.	2.0	167
46	Seedling Herbivory in Grassland: Relative Impact of Vertebrate and Invertebrate Herbivores. Journal of Ecology, 1994, 82, 873.	4.0	157
47	Herbivores and the Performance of Grassland Plants: A Comparison of Arthropod, Mollusc and Rodent Herbivory. Journal of Ecology, 1996, 84, 43.	4.0	157
48	Contrasting patterns in the invasions of European terrestrial and freshwater habitats by alien plants, insects and vertebrates. Global Ecology and Biogeography, 2010, 19, 317-331.	5.8	154
49	Which Taxa Are Alien? Criteria, Applications, and Uncertainties. BioScience, 2018, 68, 496-509.	4.9	153
50	A conceptual map of invasion biology: Integrating hypotheses into a consensus network. Global Ecology and Biogeography, 2020, 29, 978-991.	5.8	150
51	Drivers of future alien species impacts: An expertâ€based assessment. Global Change Biology, 2020, 26, 4880-4893.	9.5	145
52	Phenotypic plasticity and plant invasions: is it all Jack?. Functional Ecology, 2008, 22, 3-7.	3.6	142
53	Addressing the threat to biodiversity from botanic gardens. Trends in Ecology and Evolution, 2011, 26, 168-174.	8.7	141
54	The emerging science of linked plantâ€“fungal invasions. New Phytologist, 2017, 215, 1314-1332.	7.3	140

#	Article	IF	Citations
55	Importance of large and small mammalian herbivores for the plant community structure in the forest tundra ecotone. Oikos, 2004, 106, 324-334.	2.7	134
56	Natural Regeneration of Yew (Taxus Baccata L.): Microsite, Seed or Herbivore Limitation?. Journal of Ecology, 1996, 84, 853.	4.0	129
57	The dispersal characteristics of the invasive plant Mimulus guttatus and the ecological significance of increased occurrence of high-flow events. Journal of Ecology, 2006, 94, 1080-1091.	4.0	129
58	Factors explaining alien plant invasion success in a tropical ecosystem differ at each stage of invasion. Journal of Ecology, 2009, 97, 657-665.	4.0	122
59	An Assessment of Stakeholder Perceptions and Management of Noxious Alien Plants in Spain. Environmental Management, 2009, 43, 1244-1255.	2.7	120
60	Unwelcome exchange: International trade as a direct and indirect driver of biological invasions worldwide. One Earth, 2021, 4, 666-679.	6.8	120
61	Addressing context dependence in ecology. Trends in Ecology and Evolution, 2022, 37, 158-170.	8.7	119
62	Developing a list of invasive alien species likely to threaten biodiversity and ecosystems in the European Union. Global Change Biology, 2019, 25, 1032-1048.	9.5	117
63	EDITORIAL: Bridging the knowingâ€“doing gap: knowâ€‰who, knowâ€‰what, knowâ€‰why, knowâ€‰how and knowâ€‰when. Journal of Applied Ecology, 2014, 51, 1131-1136.	4.0	115
64	A Conceptual Framework for Range-Expanding Species that Track Human-Induced Environmental Change. BioScience, 2019, 69, 908-919.	4.9	113
65	Historical legacies accumulate to shape future biodiversity in an era of rapid global change. Diversity and Distributions, 2015, 21, 534-547.	4.1	112
66	Invasive species challenge the global response to emerging diseases. Trends in Parasitology, 2014, 30, 267-270.	3.3	109
67	Post-dispersal seed predation and seed bank persistence. Seed Science Research, 1998, 8, 513-519.	1.7	108
68	Integrating invasive species policies across ornamental horticulture supply chains to prevent plant invasions. Journal of Applied Ecology, 2018, 55, 92-98.	4.0	108
69	Europeâ€™s other debt crisis caused by the long legacy of future extinctions. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7342-7347.	7.1	102
70	Local and regional abundance of exotic plant species on Mediterranean islands: are species traits important?. Global Ecology and Biogeography, 2004, 13, 37-45.	5.8	100
71	Learning from failures: testing broad taxonomic hypotheses about plant naturalization. Ecology Letters, 2009, 12, 1174-1183.	6.4	100
72	Four priority areas to advance invasion science in the face of rapid environmental change. Environmental Reviews, 2021, 29, 119-141.	4.5	98

#	Article	IF	Citations
73	Title is missing!. Plant Ecology, 1999, 145, 149-156.	1.6	97
74	Human disturbance and upward expansion of plants in a warming climate. Nature Climate Change, 2017, 7, 577-580.	18.8	97
75	Assessing patterns in introduction pathways of alien species by linking major invasion data bases. Journal of Applied Ecology, 2017, 54, 657-669.	4.0	96
76	Delayed biodiversity change: no time to waste. Trends in Ecology and Evolution, 2015, 30, 375-378.	8.7	92
77	Rodent postâ€dispersal seed predation in deciduous woodland: predator response to absolute and relative abundance of prey. Journal of Animal Ecology, 1999, 68, 417-428.	2.8	89
78	Contrasting response of native and alien plant species richness to environmental energy and human impact along alpine elevation gradients. Global Ecology and Biogeography, 2009, 18, 652-661.	5.8	88
79	Assessing the risks of plant invasions arising from collections in tropical botanical gardens. Biodiversity and Conservation, 2008, 17, 1979-1995.	2.6	87
80	Hitting the right target: taxonomic challenges for, and of, plant invasions. AoB PLANTS, 2013, 5, plt042-plt042.	2.3	87
81	New pasture plants intensify invasive species risk. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16622-16627.	7.1	85
82	Biological Invasions in Europe: Drivers, Pressures, States, Impacts and Responses. Issues in Environmental Science and Technology, 2007, , 56-80.	0.4	82
83	How strongly do interactions with closely-related native species influence plant invasions? Darwin's naturalization hypothesis assessed on Mediterranean islands. Journal of Biogeography, 2006, 33, 1116-1125.	3.0	77
84	Does temperature limit the invasion of Impatiens glandulifera and Heracleum mantegazzianum in the UK?. Functional Ecology, 2002, 16, 530-539.	3.6	74
85	Comparing traits of native and alien plants: Can we do better?. Functional Ecology, 2018, 32, 117-125.	3.6	74
86	Global guidelines for the sustainable use of non-native trees to prevent tree invasions and mitigate their negative impacts. NeoBiota, 0, 61, 65-116.	1.0	72
87	Are islands more susceptible to plant invasion than continents? A test using Oxalis pes-caprae L. in the western Mediterranean. Journal of Biogeography, 2006, 33, 1559-1565.	3.0	69
88	Selection for commercial forestry determines global patterns of alien conifer invasions. Diversity and Distributions, 2010, 16, 911-921.	4.1	69
89	Greater Focus Needed on Alien Plant Impacts in Protected Areas. Conservation Letters, 2014, 7, 459-466.	5.7	68
90	Do nonâ€native species invasions lead to biotic homogenization at small scales? The similarity and functional diversity of habitats compared for alien and native components of Mediterranean floras. Diversity and Distributions, 2008, 14, 774-785.	4.1	66

#	Article	IF	Citations
91	MAcroecological Framework for Invasive Aliens (MAFIA): disentangling large-scale context dependence in biological invasions. NeoBiota, 0, 62, 407-461.	1.0	66
92	Alien and native plant lifeâ€forms respond differently to human and climate pressures. Global Ecology and Biogeography, 2012, 21, 534-544.	5.8	65
93	Plant invasions in New Zealand: global lessons in prevention, eradication and control. Biological Invasions, 2020, 22, 1539-1562.	2.4	65
94	Do urban areas act as foci for the spread of alien plant species? An assessment of temporal trends in the UK. Diversity and Distributions, 2009, 15, 338-345.	4.1	64
95	Import volumes and biosecurity interventions shape the arrival rate of fungal pathogens. PLoS Biology, 2018, 16, e2006025.	5.6	64
96	Functional differences between alien and native species: do biotic interactions determine the functional structure of highly invaded grasslands?. Functional Ecology, 2013, 27, 1262-1272.	3.6	60
97	Consistent performance of invasive plant species within and among islands of the Mediterranean basin. Biological Invasions, 2008, 10, 847-858.	2.4	58
98	Troubling travellers: are ecologically harmful alien species associated with particular introduction pathways?. NeoBiota, 0, 32, 1-20.	1.0	58
99	Population genetics of an invasive species, Heracleum mantegazzianum : implications for the role of life history, demographics and independent introductions. Molecular Ecology, 2003, 12, 1747-1756.	3.9	57
100	Non-native Species, Ecosystem Services, and Human Well-Being. , 2017, , 1-14.		56
101	Explaining the variation in impacts of nonâ€native plants on localâ€scale species richness: the role of phylogenetic relatedness. Global Ecology and Biogeography, 2015, 24, 139-146.	5.8	55
102	Disentangling the roles of climate, propagule pressure and land use on the current and potential elevational distribution of the invasive weed Oxalis pes-caprae L. on Crete. Perspectives in Plant Ecology, Evolution and Systematics, 2008, 10, 251-258.	2.7	54
103	Towards a framework for understanding the context dependence of impacts of nonâ€native tree species. Functional Ecology, 2020, 34, 944-955.	3.6	54
104	Do alien plants on Mediterranean islands tend to invade different niches from native species?. Biological Invasions, 2008, 10, 703-716.	2.4	52
105	PRATIQUE: a research project to enhance pest risk analysis techniques in the European Union. EPPO Bulletin, 2009, 39, 87-93.	0.8	52
106	Biodiversity assessments: Origin matters. PLoS Biology, 2018, 16, e2006686.	5.6	52
107	Herbivory is related to taxonomic isolation, but not to invasiveness of tropical alien plants. Diversity and Distributions, 2009, 15, 141-147.	4.1	51
108	Herbarium records identify the role of longâ€distance spread in the spatial distribution of alien plants in New Zealand. Journal of Biogeography, 2010, 37, 1740-1751.	3.0	50

#	Article	IF	Citations
109	Environmental severity and variation in the reproductive traits of Impatiens glandulifera. Functional Ecology, 2004, 18, 887-898.	3.6	49
110	What determines pine naturalization: species traits, climate suitability or forestry use?. Diversity and Distributions, 2012, 18, 1013-1023.	4.1	49
111	Functional equivalence, competitive hierarchy and facilitation determine species coexistence in highly invaded grasslands. New Phytologist, 2015, 206, 175-186.	7.3	49
112	Alien and native plant richness and abundance respond to different environmental drivers across multiple gravel floodplain ecosystems. Diversity and Distributions, 2016, 22, 823-835.	4.1	49
113	Contrasting impacts of climateâ€driven flowering phenology on changes in alien and native plant species distributions. New Phytologist, 2011, 189, 272-281.	7.3	48
114	Beyond protocols: improving the reliability of expert-based risk analysis underpinning invasive species policies. Biological Invasions, 2017, 19, 2507-2517.	2.4	48
115	Contrasting alien and native plant speciesâ€“area relationships: the importance of spatial grain and extent. Global Ecology and Biogeography, 2008, 17, 641-647.	5.8	47
116	Widespread resistance of Mediterranean island ecosystems to the establishment of three alien species. Diversity and Distributions, 2008, 14, 839-851.	4.1	45
117	The suitability of weed risk assessment as a conservation tool to identify invasive plant threats in East African rainforests. Biological Conservation, 2009, 142, 1018-1024.	4.1	45
118	Seed predator guilds, spatial variation in post-dispersal seed predation and potential effects on plant demography: a temperate perspective.. , 2005, , 9-30.		45
119	BIODIVERSITY RESEARCH: Experimental introduction of the alien plant Hieracium lepidulum reveals no significant impact on montane plant communities in New Zealand. Diversity and Distributions, 2010, 16, 804-815.	4.1	44
120	How do introduction characteristics influence the invasion success of Mediterranean alien plants?. Perspectives in Plant Ecology, Evolution and Systematics, 2008, 10, 143-159.	2.7	43
121	The vulnerability of habitats to plant invasion: disentangling the roles of propagule pressure, time and sampling effort. Global Ecology and Biogeography, 2012, 21, 778-786.	5.8	43
122	Relative roles of lifeâ€form, land use and climate in recent dynamics of alien plant distributions in the British Isles. Weed Research, 2009, 49, 19-28.	1.7	42
123	Environmental gradients shift the direction of the relationship between native and alien plant species richness. Diversity and Distributions, 2013, 19, 49-59.	4.1	42
124	Seed-eaters: seed dispersal, destruction and demography.. , 2002, , 257-273.		42
125	Practitionerâ€™s perspectives: introducing a different voice in applied ecology. Journal of Applied Ecology, 2011, 48, 1-2.	4.0	38
126	Causes of tree line stability: stem growth, recruitment and mortality rates over 15Âyears at New Zealand Nothofagus tree lines. Journal of Biogeography, 2012, 39, 2061-2071.	3.0	38

#	Article	IF	Citations
127	Reduced availability of rhizobia limits the performance but not invasiveness of introduced <scp>A</scp>cacia. Journal of Ecology, 2013, 101, 1103-1113.	4.0	38
128	A pan-European Inventory of Alien Species: Rationale, Implementation and Implications for Managing Biological Invasions. , 2009, , 1-14.		37
129	New protocols to assess the environmental impact of pests in the EPPO decisionâ€support scheme for pest risk analysis*. EPPO Bulletin, 2012, 42, 21-27.	0.8	36
130	Resolving whether botanic gardens are on the road to conservation or a pathway for plant invasions. Conservation Biology, 2015, 29, 816-824.	4.7	35
131	Resolving the invasion paradox: pervasive scale and study dependence in the nativeâ€alien species richness relationship. Ecology Letters, 2019, 22, 1038-1046.	6.4	35
132	Consistency in the habitat degree of invasion for three invasive plant species across Mediterranean islands. Biological Invasions, 2010, 12, 2537-2548.	2.4	33
133	Integrating traitâ€•and nicheâ€based approaches to assess contemporary evolution in alien plant species. Journal of Ecology, 2013, 101, 68-77.	4.0	33
134	Taxonomic similarity, more than contact opportunity, explains novel plantâ€“pathogen associations between native and alien taxa. New Phytologist, 2016, 212, 657-667.	7.3	33
135	Effects of mammalian herbivores on revegetation of disturbed areas in the forest-tundra ecotone in northern Fennoscandia. Landscape Ecology, 2005, 20, 351-359.	4.2	32
136	Macroecological drivers of alien conifer naturalizations worldwide. Ecography, 2011, 34, 1076-1084.	4.5	32
137	Challenging the view that invasive non-native plants are not a significant threat to the floristic diversity of Great Britain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2988-9.	7.1	32
138	Putting applied ecology into practice. Journal of Applied Ecology, 2010, 47, 1-4.	4.0	31
139	Alien and native plant species play different roles in plant community structure. Journal of Ecology, 2015, 103, 143-152.	4.0	31
140	The comparative importance of species traits and introduction characteristics in tropical plant invasions. Diversity and Distributions, 2011, 17, 1111-1121.	4.1	30
141	Mixed messages from multiple information sources on invasive species: a case of too much of a good thing?. Diversity and Distributions, 2011, 17, 1152-1160.	4.1	29
142	Ensuring applied ecology has impact. Journal of Applied Ecology, 2012, 49, 1-5.	4.0	29
143	Around the world in 500 years: Interâ€regional spread of alien species over recent centuries. Global Ecology and Biogeography, 2021, 30, 1621-1632.	5.8	29
144	One Biosecurity: a unified concept to integrate human, animal, plant, and environmental health. Emerging Topics in Life Sciences, 2020, 4, 539-549.	2.6	29

#	Article	IF	Citations
145	Classifying the introduction pathways of alien species: are we moving in the right direction?. NeoBiota, 0, 62, 143-159.	1.0	29
146	Predicting the invasion success of Mediterranean alien plants from their introduction characteristics. Ecography, 2006, 29, 853-865.	4.5	28
147	Donâ€™t be fooled by a name: a reply to Thompson and Davis. Trends in Ecology and Evolution, 2011, 26, 318.	8.7	28
148	Scale and complexity implications of making New Zealand predator-free by 2050. Journal of the Royal Society of New Zealand, 2019, 49, 412-439.	1.9	28
149	Assessing the vulnerability of riparian vegetation to invasion by Mimulus guttatus: relative importance of biotic and abiotic variables in determining species occurrence and abundance. Diversity and Distributions, 2008, 14, 412-421.	4.1	27
150	Population genetics of an invasive riparian species, Impatiens glandulifera. Plant Ecology, 2009, 203, 243-252.	1.6	26
151	Accounting for uncertainty in colonisation times: a novel approach to modelling the spatioâ€temporal dynamics of alien invasions using distribution data. Ecography, 2012, 35, 901-911.	4.5	25
152	Consistent Effects of Disturbance and Forest Edges on the Invasion of a Continental Rain Forest by Alien Plants. Biotropica, 2015, 47, 27-37.	1.6	25
153	Advancing One Biosecurity to Address the Pandemic Risks of Biological Invasions. BioScience, 2021, 71, 708-721.	4.9	25
154	Alternative futures for global biological invasions. Sustainability Science, 2021, 16, 1637-1650.	4.9	25
155	The Bottom Line: Impacts of Alien Plant Invasions in Protected Areas. , 2013, , 19-41.		25
156	Relative Roles of Disturbance and Propagule Pressure on the Invasion of Humid Tropical Forest by Cordia alliodora (Boraginaceae) in Tanzania. Biotropica, 2009, 41, 171-178.	1.6	24
157	Cost-benefit analysis for intentional plant introductions under uncertainty. Biological Invasions, 2012, 14, 839-849.	2.4	24
158	Scientific and Normative Foundations for the Valuation of Alien-Species Impacts: Thirteen Core Principles. BioScience, 0, , biw160.	4.9	24
159	Viewing Emerging Human Infectious Epidemics through the Lens of Invasion Biology. BioScience, 2021, 71, 722-740.	4.9	24
160	Seed fate pathways: filling the gap between parent and offspring.. , 2005, , 1-8.		22
161	The Epidemiological Framework for Biological Invasions (EFBI): an interdisciplinary foundation for the assessment of biosecurity threats. NeoBiota, 0, 62, 161-192.	1.0	22
162	Plant mutualisms with rhizosphere microbiota in introduced versus native ranges. Journal of Ecology, 2016, 104, 1259-1270.	4.0	21

#	Article	IF	Citations
163	Understanding and Managing Socialâ€“Ecological Tipping Points in Primary Industries. BioScience, 2019, 69, 335-347.	4.9	21
164	Partitioning intraspecific variation in seed dispersal potential using a lowâ€cost method for rapid estimation of samara terminal velocity. Methods in Ecology and Evolution, 2019, 10, 1298-1307.	5.2	21
165	Using prior information to build probabilistic invasive species risk assessments. Biological Invasions, 2012, 14, 681-691.	2.4	20
166	Alien plants can be associated with a decrease in local and regional native richness even when at low abundance. Journal of Ecology, 2019, 107, 1343-1354.	4.0	20
167	Microsatellites for tree of heaven (Ailanthus altissima). Molecular Ecology Notes, 2005, 5, 340-342.	1.7	19
168	Modelling the quantitative effects of pre- and post-dispersal seed predation in Pinus sylvestris L.. Journal of Ecology, 2006, 94, 1201-1213.	4.0	19
169	Invasion biology is a discipline that's too young to die. Nature, 2009, 460, 324-324.	27.8	19
170	How robust is the Australian Weed Risk Assessment protocol? A test using pine invasions in the Northern and Southern hemispheres. Biological Invasions, 2012, 14, 987-998.	2.4	19
171	Widespread native and alien plant species occupy different habitats. Ecography, 2015, 38, 462-471.	4.5	19
172	Are native bluebells (Hyacinthoides non-scripta) at risk from alien congenerics? Evidence from distributions and co-occurrence in Scotland. Biological Conservation, 2009, 142, 61-74.	4.1	18
173	Cointroductions of Australian acacias and their rhizobial mutualists in the Southern Hemisphere. Journal of Biogeography, 2019, 46, 1519-1531.	3.0	18
174	Mast seeding and predator-mediated indirect interactions in a forest community: evidence from post-dispersal fate of Rodent-generated caches.. , 2002, , 227-239.		18
175	Evaluating differences in the shape of native and alien plant trait distributions will bring new insights into invasions of plant communities. Journal of Vegetation Science, 2018, 29, 348-355.	2.2	17
176	The influence of residence time and geographic extent on the strength of plantâ€“soil feedbacks for naturalised Trifolium. Journal of Ecology, 2018, 106, 207-217.	4.0	17
177	An Introduction to Plant Biosecurity: Past, Present and Future. , 2014, , 1-25.		16
178	Trifolium species associate with a similar richness of soilâ€borne mutualists in their introduced and native ranges. Journal of Biogeography, 2016, 43, 944-954.	3.0	16
179	Blurring Alien Introduction Pathways Risks Losing the Focus on Invasive Species Policy. Conservation Letters, 2017, 10, 265-266.	5.7	16
180	Protected land: Threat of invasive species. Science, 2018, 361, 561-562.	12.6	16

#	Article	IF	Citations
181	Limited evidence for a consistent seed massâ€dispersal tradeâ€off in windâ€dispersed pines. Journal of Ecology, 2021, 109, 284-293.	4.0	16
182	Jurassic Park? No thanks. Trends in Ecology and Evolution, 2011, 26, 496-497.	8.7	14
183	PRACTITIONER'S PERSPECTIVE: Bridging the gap between applied ecological science and practical implementation in peatland restoration. Journal of Applied Ecology, 2014, 51, 1148-1152.	4.0	14
184	Consistent flowering response to global warming by European plants introduced into North America. Functional Ecology, 2011, 25, 1189-1196.	3.6	13
185	Invasive Species Unchecked by Climate. Science, 2012, 335, 537-538.	12.6	13
186	Alien plants confront expectations of climate change impacts. Trends in Plant Science, 2014, 19, 547-549.	8.8	13
187	Landscape-level persistence and distribution of alien feral crops linked to seed transport. Agriculture, Ecosystems and Environment, 2015, 203, 119-126.	5.3	12
188	Loss of functional diversity and network modularity in introduced plant-fungal symbioses. AoB PLANTS, 2016, , plw084.	2.3	12
189	Weed Risk Assessments Are an Effective Component of Invasion Risk Management. Invasive Plant Science and Management, 2016, 9, 81-83.	1.1	12
190	Hierarchical cluster analysis of herbicide modes of action reveals distinct classes of multiple resistance in weeds. Pest Management Science, 2022, 78, 1265-1271.	3.4	12
191	Global drivers of herbicideâ€resistant weed richness in major cereal crops worldwide. Pest Management Science, 2022, 78, 1824-1832.	3.4	12
192	Role of climate and herbivory on native and alien conifer seedling recruitment at and above the Fennoscandian tree line. Journal of Vegetation Science, 2018, 29, 573-584.	2.2	11
193	Strong fitness differences impede coexistence between an alien water fern (Azolla pinnata R. Br.) and its native congener (Azolla rubra R. Br.) in New Zealand. Biological Invasions, 2018, 20, 2889-2897.	2.4	11
194	Dispersal potential rather than risk assessment scores predict the spread rate of nonâ€native pines across New Zealand. Journal of Applied Ecology, 2021, 58, 1981-1992.	4.0	11
195	Influence of climate and regeneration microsites on Pinus contorta invasion into an alpine ecosystem in New Zealand. AIMS Environmental Science, 2016, 3, 525-540.	1.4	11
196	A network perspective for sustainable agroecosystems. Trends in Plant Science, 2022, 27, 769-780.	8.8	11
197	Changes in plant lifeâ€form, pollination syndrome and breeding system at a regional scale promoted by land use intensity. Diversity and Distributions, 2015, 21, 1319-1328.	4.1	10
198	Assessing the utility of aerial imagery to quantify the density, age structure and spatial pattern of alien conifer invasions. Biological Invasions, 2019, 21, 2095-2106.	2.4	10

#	Article	IF	Citations
199	A habitatâ€based assessment of the role of competition in plant invasions. Journal of Ecology, 2021, 109, 1263-1274.	4.0	10
200	Aliens in the Arc: Are Invasive Trees a Threat to the Montane Forests of East Africa?. , 2013, , 145-165.		10
201	Environmental Health Crucial to Food Safety. Science, 2013, 339, 522-522.	12.6	9
202	No difference in the competitive ability of introduced and nativeTrifoliumprovenances when grown with soil biota from their introduced and native ranges. AoB PLANTS, 2016, 8, plw016.	2.3	9
203	Plant Pest Impact Metric System (PPIMS): Framework and guidelines for a common set of metrics to classify and prioritise plant pests. Crop Protection, 2020, 128, 105003.	2.1	9
204	Novel interactions between alien pathogens and native plants increase plantâ€“pathogen network connectance and decrease specialization. Journal of Ecology, 2020, 108, 750-760.	4.0	9
205	Weed seed contamination in imported seed lots entering New Zealand. PLoS ONE, 2021, 16, e0256623.	2.5	9
206	Species prevalence and plant traits discriminate between herbicide resistant and susceptible weeds. Pest Management Science, 2022, 78, 313-320.	3.4	9
207	Open minded and open access: introducing NeoBiota, a new peer-reviewed journal of biological invasions. NeoBiota, 0, 9, 1-12.	1.0	9
208	Seed release by a serotinous pine in the absence of fire: implications for invasion into temperate regions. AoB PLANTS, 2019, 11, plz077.	2.3	8
209	Increased adaptive phenotypic plasticity in the introduced range in alien weeds under drought and flooding. Biological Invasions, 2021, 23, 2675-2688.	2.4	8
210	Botanic gardens play key roles in the regional distribution of first records of alien plants in China. Global Ecology and Biogeography, 2021, 30, 1572-1582.	5.8	8
211	Biosecurity on Thin Ice in Antarctica. Science, 2012, 336, 1102-1104.	12.6	7
212	Commercial forests: Native advantage. Science, 2015, 349, 1176-1176.	12.6	7
213	Integrating across knowledge systems to drive action on chronic biological invasions. Biological Invasions, 2021, 23, 407-432.	2.4	7
214	Seed sizeâ€“number tradeâ€offs are absent in the introduced range for three congeneric plant invaders. Journal of Ecology, 2021, 109, 3849-3860.	4.0	7
215	Pragmatism required to assess impacts of invasive plants. Frontiers in Ecology and the Environment, 2014, 12, 153-154.	4.0	6
216	Rough waters for native Chinese fish. Science, 2015, 347, 484-484.	12.6	6

#	Article	IF	Citations
217	Length of cultivation determines native and non-native weed richness in crop fields worldwide. Biological Invasions, 2019, 21, 363-375.	2.4	6
218	Quantifying the risk of nonâ€native conifer establishment across heterogeneous landscapes. Journal of Applied Ecology, 2022, 59, 1608-1618.	4.0	6
219	Can the enemy release hypothesis explain the success of Rumex (Polygonaceae) species in an introduced range?. Biological Invasions, 0, , .	2.4	6
220	New law risks release of invasive species. Nature, 2015, 517, 21-21.	27.8	5
221	Segregation, nestedness and homogenisation in plant communities dominated by native and alien species. Plant Ecology and Diversity, 2018, 11, 479-488.	2.4	5
222	Distinct Biogeographic Phenomena Require a Specific Terminology: A Reply to Wilson and Sagoff. BioScience, 2020, 70, 112-114.	4.9	5
223	Combining laser rangefinder and viewshed technologies to improve ground surveys of invasive tree distributions. Methods in Ecology and Evolution, 2022, 13, 734-742.	5.2	5
224	Development of Pathways of Global Plant Invasions in Space and Time. , 2022, , 53-69.		5
225	Reply to Keller and Springborn: No doubt about invasion debt. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E221-E221.	7.1	4
226	Addressing a critique of the TEASI framework for invasive species risk assessment. Ecology Letters, 2013, 16, 1415-e6.	6.4	4
227	Celebrating the golden jubilee of the Journal of Applied Ecology. Journal of Applied Ecology, 2013, 50, 1-3.	4.0	4
228	Rapid Anthropocene Speciation Reveals Pull of the Recent: A Response to Thomas. Trends in Ecology and Evolution, 2015, 30, 635-636.	8.7	4
229	Integrating the Impacts of Non-native Species on Ecosystem Services into Environmental Policy. , 2017, , 327-341.		4
230	Paternity analysis reveals constraints on hybridization potential between native and introduced bluebells (Hyacinthoides). Conservation Genetics, 2019, 20, 571-584.	1.5	4
231	Botanic garden benefits do not repudiate risks: a reply to Sharrock et al.. Trends in Ecology and Evolution, 2011, 26, 434-435.	8.7	3
232	Pollinators and predators at home and away: do they determine invasion success for Australian Acacia in New Zealand?. Journal of Biogeography, 2015, 42, 619-629.	3.0	3
233	Invasive species shape evolution. Science, 2016, 352, 422-422.	12.6	3
234	Coordinate efforts on EU invasive species. Science, 2016, 353, 998-998.	12.6	3

#	Article	IF	Citations
235	Invasion Science: Looking Forward Rather Than Revisiting Old Ground â€“ A Reply to Zenni et al .. Trends in Ecology and Evolution, 2017, 32, 809-810.	8.7	3
236	Scale dependence shapes how plant traits differentially affect levels of pre- and post-dispersal seed predation in Scots pine. European Journal of Forest Research, 2019, 138, 653-672.	2.5	3
237	Importance of greater interdisciplinarity and geographic scope when tackling the driving forces behind biological invasions. Conservation Biology, 2022, 36, .	4.7	3
238	Competitionâ€“colonisation tradeâ€offs are found among but not within windâ€dispersed Pinus species. Functional Ecology, 2022, 36, 1023-1035.	3.6	3
239	Declining readability of research on biological invasions over two decades. Biological Invasions, 2022, 24, 1651-1660.	2.4	3
240	Biosecurity and the Politics of Fear. Science, 2011, 334, 176-177.	12.6	2
241	Density dependence and spatial heterogeneity limit the population growth rate of invasive pines at the landscape scale. Ecography, 2021, 44, 1463-1473.	4.5	2
242	Assessing the role of plant trade networks in the vulnerability of forest nurseries to plant pathogens. Australasian Plant Pathology, 0, , 1.	1.0	2
243	Responseâ€”A Standardized Response to Biological Invasions. Science, 2009, 325, 146-147.	12.6	1
244	Maritime Biosecurity Adrift. Science, 2014, 343, 611-612.	12.6	1
245	Reply to ProenÃ§a et al.: Sown biodiverse pastures are not a universal solution to invasion risk. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1696.	7.1	1
246	A Quantitative Framework to Derive Robust Characterization of Hydrological Gradients. River Research and Applications, 2016, 32, 1517-1529.	1.7	1
247	Testing weed risk assessment paradigms: Intraspecific differences in performance and naturalisation risk outweigh interspecific differences in alien Brassica. Journal of Applied Ecology, 2018, 55, 516-525.	4.0	1
248	Transplant experiments predict potential future spread of alien succulents along an elevation gradient. Biological Invasions, 2019, 21, 2357-2372.	2.4	1
249	Open minded and open access: introducing NeoBiota, a new peer-reviewed journal of biological invasions. NeoBiota, 0, 9, 1-12.	1.0	1
250	Editorâ€™s choice: landscapeâ€level vegetation recovery from herbivory. Journal of Applied Ecology, 2009, 46, 1137-1137.	4.0	0
251	Support home-grown plant collectors. Nature, 2012, 485, 446-446.	27.8	0
252	Biosecurity's Weakest Link. Science, 2013, 340, 141-142.	12.6	0

#	Article	IF	Citations
253	Invasion science in South Africa: The definitive collection. South African Journal of Science, 2021, 117, .	0.7	0
254	Independent introductions of hedgehogs to the North and South Island of New Zealand. New Zealand Journal of Ecology, 2020, 44, .	1.1	0