Cang Hui

List of Publications by Year
in descending order

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Version: 2024-02-01

247 papers	8,684 citations	66250 44 h-index	81351 76 g-index
271 all docs	271 docs citations	271 times ranked	11336 citing authors

#	Article	IF	Citations
1	Air pollution perception in ten countries during the COVID-19 pandemic. Ambio, 2022, 51, 531-545.	2.8	17
2	Human activity strongly influences genetic dynamics of the most widespread invasive plant in the subâ€Antarctic. Molecular Ecology, 2022, 31, 1649-1665.	2.0	7
3	The Role of Directed Dispersal in Driving Genetic and Morphological Structure in Invasive Smallmouth Bass. Frontiers in Ecology and Evolution, 2022, 9, .	1.1	0
4	The number of tree species on Earth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	86
5	A null model for quantifying the geometric effect of habitat subdivision on species diversity. Global Ecology and Biogeography, 2022, 31, 440-453.	2.7	10
6	Rare, common, alien and native species follow different rules in an understory plant community. Ecology and Evolution, 2022, 12, e8734.	0.8	2
7	Relentless Evolution. , 2022, , 50-108.		0
8	Network Scaling. , 2022, , 318-369.		0
9	Network Transitions. , 2022, , 265-317.		0
10	Regimes and Panarchy. , 2022, , 205-264.		0
11	Invasion Science 1.0. , 2022, , 1-49.		0
12	Network Assembly. , 2022, , 109-204.		0
13	Rethinking Invasibility. , 2022, , 370-404.		0
14	Optimal differentiation to the edge of trait space (EoTS). Evolutionary Ecology, 2022, 36, 743-752.	0.5	2
15	How competitive intransitivity and niche overlap affect spatial coexistence. Oikos, 2021, 130, 260-273.	1.2	17
16	Impacts of Invasive Australian Acacias on Soil Bacterial Community Composition, Microbial Enzymatic Activities, and Nutrient Availability in Fynbos Soils. Microbial Ecology, 2021, 82, 704-721.	1.4	19
17	Introduced species shape insular mutualistic networks. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
18	Impact of COVID-19 pandemic on mobility in ten countries and associated perceived risk for all transport modes. PLoS ONE, 2021, 16, e0245886.	1.1	155

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19	Mechanistic reconciliation of community and invasion ecology. Ecosphere, 2021, 12, e03359.	1.0	21
20	Trait positions for elevated invasiveness in adaptive ecological networks. Biological Invasions, 2021, 23, 1965-1985.	1.2	18
21	Latitude dictates plant diversity effects on instream decomposition. Science Advances, 2021, 7, .	4.7	27
22	Elephant population responses to increased density in Kruger National Park. Koedoe, 2021, 63, .	0.3	2
23	Impacts of detritivore diversity loss on instream decomposition are greatest in the tropics. Nature Communications, 2021, 12, 3700.	5.8	33
24	Amphibian diversity in the Amazonian floating meadows: a Hanski coreâ€satellite species system. Ecography, 2021, 44, 1325-1340.	2.1	11
25	Widespread vulnerability of flowering plant seed production to pollinator declines. Science Advances, 2021, 7, eabd3524.	4.7	92
26	Assemblage reorganization of South African dragonflies due to climate change. Diversity and Distributions, 2021, 27, 2542-2558.	1.9	5
27	Variation in individual biomass decreases faster than mean biomass with increasing density of bamboo stands. Journal of Forestry Research, 2020, 31, 981-987.	1.7	5
28	Does the law of diminishing returns in leaf scaling apply to vines? â€“ Evidence from 12 species of climbing plants. Global Ecology and Conservation, 2020, 21, e00830.	1.0	22
29	Extending biodiversity conservation with functional and evolutionary diversity: a case study of South African sparid fishes. African Journal of Marine Science, 2020, 42, 315-321.	0.4	5
30	Survey data regarding perceived air quality in Australia, Brazil, China, Ghana, India, Iran, Italy, Norway, South Africa, United States before and during Covid-19 restrictions. Data in Brief, 2020, 32, 106169.	0.5	15
31	Drivers of future alien species impacts: An expertâ€based assessment. Global Change Biology, 2020, 26, 4880-4893.	4.2	145
32	A survey dataset to evaluate the changes in mobility and transportation due to COVID-19 travel restrictions in Australia, Brazil, China, Ghana, India, Iran, Italy, Norway, South Africa, United States. Data in Brief, 2020, 33, 106459.	0.5	43
33	How geographic productivity patterns affect food-web evolution. Journal of Theoretical Biology, 2020, 506, 110374.	0.8	3
34	Nest-type associated microclimatic conditions as potential drivers of ectoparasite infestations in African penguin nests. Parasitology Research, 2020, 119, 3603-3616.	0.6	6
35	Intercolony health evaluation of wild African penguinsSpheniscus demersus, in relation to parasites, along the southwest coast of South Africa. African Journal of Marine Science, 2020, 42, 393-403.	0.4	2
36	Invasion syndromes: a systematic approach for predicting biological invasions and facilitating effective management. Biological Invasions, 2020, 22, 1801-1820.	1.2	83

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37	Leaf Bilateral Symmetry and the Scaling of the Perimeter vs. the Surface Area in 15 Vine Species. Forests, 2020, 11, 246.	0.9	19
38	Describing the evolution of myeloid-derived leucocytes in treated B-lineage paediatric acute lymphoblastic leukaemia with a data-driven granulocyte-monocyte-blast model. Mathematical Medicine and Biology, 2020, 37, 433-468.	0.8	0
39	Leaf shape influences the scaling of leaf dry mass vs. area: a test case using bamboos. Annals of Forest Science, 2020, 77, 1.	0.8	29
40	Exponential Damping: The Key to Successful Containment of COVID-19. Frontiers in Public Health, 2020, 8, 580619.	1.3	0
41	Terrestrial Vertebrate Invasions in South Africa. , 2020, , 115-151.		22
42	How intraguild predation affects the host diversity-disease relationship in a multihost community. Journal of Theoretical Biology, 2020, 490, 110174.	0.8	4
43	Supporting sandy beach conservation through comparative phylogeography: The case of Excirolana (Crustacea: Isopoda) in South Africa. Estuarine, Coastal and Shelf Science, 2020, 242, 106841.	0.9	3
44	Similar compositional turnover but distinct insular environmental and geographical drivers of native and exotic ants in two oceans. Journal of Biogeography, 2019, 46, 2299-2310.	1.4	29
45	The failure of success: cyclic recurrences of a globally invasive pest. Ecological Applications, 2019, 29, e01991.	1.8	10
46	Measuring continuous compositional change using decline and decay in zeta diversity. Ecology, 2019, 100, e02832.	1.5	69
47	Strong spatial and temporal turnover of soil bacterial communities in South Africa's hyperdiverse fynbos biome. Soil Biology and Biochemistry, 2019, 136, 107541.	4.2	25
48	Importance of biotic niches versus drift in a plantâ€inhabiting arthropod community depends on rarity and trophic group. Ecography, 2019, 42, 1926-1935.	2.1	8
49	Letâ€™s Train More Theoretical Ecologists â€“ Here Is Why. Trends in Ecology and Evolution, 2019, 34, 759-762.	4.2	12
50	Effects of Salt Stress on the Leaf Shape and Scaling of Pyrus betulifolia Bunge. Symmetry, 2019, 11, 991.	1.1	13
51	Recent Anthropogenic Plant Extinctions Differ in Biodiversity Hotspots and Coldspots. Current Biology, 2019, 29, 2912-2918.e2.	1.8	109
52	The efficacy of a modified Berlese funnel method for the extraction of ectoparasites and their life stages from the nests of the African Penguin Spheniscus demersus. Ostrich, 2019, 90, 271-277.	0.4	4
53	Fineâ€tuning the nested structure of pollination networks by adaptive interaction switching, biogeography and sampling effect in the GalÃ¡pagos Islands. Oikos, 2019, 128, 1413-1423.	1.2	6
54	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. Nature, 2019, 569, 404-408.	13.7	371

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55	Influence of the physical dimension of leaf size measures on the goodness of fit for Taylor's power law using 101 bamboo taxa. Global Ecology and Conservation, 2019, 19, e00657.	1.0	6
56	Life table invasion models: spatial progression and speciesâ€specific partitioning. Ecology, 2019, 100, e02682.	1.5	10
57	A fourâ€component classification of uncertainties in biological invasions: implications for management. Ecosphere, 2019, 10, e02669.	1.0	50
58	Leaf Fresh Weight Versus Dry Weight: Which is Better for Describing the Scaling Relationship between Leaf Biomass and Leaf Area for Broad-Leaved Plants?. Forests, 2019, 10, 256.	0.9	82
59	Network Invasion as an Open Dynamical System: Response to Rossberg and BarabÃ¡s. Trends in Ecology and Evolution, 2019, 34, 386-387.	4.2	6
60	Emerging infectious diseases and biological invasions: a call for a One Health collaboration in science and management. Royal Society Open Science, 2019, 6, 181577.	1.1	82
61	Parasite diversity associated with African penguins (Spheniscus demersus) and the effect of host and environmental factors. Parasitology, 2019, 146, 791-804.	0.7	8
62	Spatiotemporal distribution dynamics of elephants in response to density, rainfall, rivers and fire in Kruger National Park, South Africa. Diversity and Distributions, 2019, 25, 880-894.	1.9	17
63	Different environmental drivers of alien tree invasion affect different life-stages and operate at different spatial scales. Forest Ecology and Management, 2019, 433, 263-275.	1.4	16
64	Plant Species Richness Controls Arthropod Food Web: Evidence From an Experimental Model System. Annals of the Entomological Society of America, 2019, 112, 27-32.	1.3	4
65	How to Invade an Ecological Network. Trends in Ecology and Evolution, 2019, 34, 121-131.	4.2	63
66	Scaling Relationships between Leaf Shape and Area of 12 Rosaceae Species. Symmetry, 2019, 11, 1255.	1.1	21
67	Prejudice, privilege, and power: Conflicts and cooperation between recognizable groups. Mathematical Biosciences and Engineering, 2019, 16, 4092-4106.	1.0	0
68	Every beach an islandâ€"deep population divergence and possible loss of genetic diversity in Tylos granulatus, a sandy shore isopod. Marine Ecology - Progress Series, 2019, 614, 111-123.	0.9	7
69	Complexity and Stability of Adaptive Ecological Networks: A Survey of the Theory in Community Ecology. , 2018, , 209-248.		26
70	The effect of temperature on the developmental rates of seedling emergence and leaf-unfolding in two dwarf bamboo species. Trees - Structure and Function, 2018, 32, 751-763.	0.9	18
71	Upscaling biodiversity: estimating the speciesâ€"area relationship from small samples. Ecological Monographs, 2018, 88, 170-187.	2.4	49
72	Longâ€term rainfall regression surfaces for the Kruger National Park, South Africa: a spatioâ€temporal review of patterns from 1981 to 2015. International Journal of Climatology, 2018, 38, 2506-2519.	1.5	33

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73	Quantifying multiple-site compositional turnover in an Afrotemperate forest, using zeta diversity. Forest Ecosystems, 2018, 5, .	1.3	20
74	Frugivory and seed dispersal: Extended bi-stable persistence and reduced clustering of plants. Ecological Modelling, 2018, 380, 31-39.	1.2	11
75	Proximate causes of variation in dermal armour: insights from armadillo lizards. Oikos, 2018, 127, 1449-1458.	1.2	14
76	Finish line plantâ€“insect interactions mediated by insect feeding mode and plant interference: a case study of Brassica interactions with diamondback moth and turnip aphid. Insect Science, 2018, 25, 690-702.	1.5	1
77	Modelling coevolution in ecological networks with adaptive dynamics. Mathematical Methods in the Applied Sciences, 2018, 41, 8407-8422.	1.2	22
78	Spatial Segregation Facilitates the Coexistence of Tree Species in Temperate Forests. Forests, 2018, 9, 768.	0.9	5
79	Variability in life-history switch points across and within populations explained by Adaptive Dynamics. Journal of the Royal Society Interface, 2018, 15, 20180371.	1.5	10
80	Drivers of species turnover vary with species commonness for native and alien plants with different residence times. Ecology, 2018, 99, 2763-2775.	1.5	42
81	Heterogeneity in local density allows a positive evolutionary relationship between selfâ€fertilisation and dispersal. Evolution; International Journal of Organic Evolution, 2018, 72, 1784-1800.	1.1	5
82	Spread. SpringerBriefs in Ecology, 2018, , 25-40.	0.2	0
83	Sleeping with the enemy: introgressive hybridization in two invasive centrarchids. Journal of Fish Biology, 2018, 93, 405-410.	0.7	8
84	Why Does Not the Leaf Weight-Area Allometry of Bamboos Follow the 3/2-Power Law?. Frontiers in Plant Science, 2018, 9, 583.	1.7	23
85	Complexity and stability of ecological networks: a review of the theory. Population Ecology, 2018, 60, 319-345.	0.7	320
86	Sexual dimorphism in the dermal armour of cordyline lizards (Squamata: Cordylinae). Biological Journal of the Linnean Society, 2018, 125, 30-36.	0.7	11
87	Interactions among predators and plant specificity protect herbivores from top predators. Ecology, 2018, 99, 1602-1609.	1.5	13
88	Emergence of weakâ€intransitive competition through adaptive diversification and ecoâ€evolutionary feedbacks. Journal of Ecology, 2018, 106, 877-889.	1.9	22
89	Alternative assembly processes from trait-mediated co-evolution in mutualistic communities. Journal of Theoretical Biology, 2018, 454, 146-153.	0.8	7
90	On dangerous ground: the evolution of body armour in cordyline lizards. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180513.	1.2	26

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91	The ghost of introduction past: Spatial and temporal variability in the genetic diversity of invasive smallmouth bass. Evolutionary Applications, 2018, 11, 1609-1629.	1.5	9
92	Ecological and Evolutionary Modelling. SpringerBriefs in Ecology, 2018, , .	0.2	5
93	A vision for global monitoring of biological invasions. Biological Conservation, 2017, 213, 295-308.	1.9	178
94	The progress of interdisciplinarity in invasion science. Ambio, 2017, 46, 428-442.	2.8	120
95	Multiâ€site generalised dissimilarity modelling: using zeta diversity to differentiate drivers of turnover in rare and widespread species. Methods in Ecology and Evolution, 2017, 8, 431-442.	2.2	69
96	Timing of cherry tree blooming: Contrasting effects of rising winter low temperatures and early spring temperatures. Agricultural and Forest Meteorology, 2017, 240-241, 78-89.	1.9	34
97	Integrating age structured and landscape resistance models to disentangle invasion dynamics of a pond-breeding anuran. Ecological Modelling, 2017, 356, 104-116.	1.2	27
98	Coâ€introduction vs ecological fitting as pathways to the establishment of effective mutualisms during biological invasions. New Phytologist, 2017, 215, 1354-1360.	3.5	45
99	Functional trade-off between strength and thermal capacity of dermal armor: Insights from girdled lizards. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 74, 189-194.	1.5	46
100	Biocapacity optimization in regional planning. Scientific Reports, 2017, 7, 41150.	1.6	16
101	Modeling the transmission of Buruli ulcer in fluctuating environments. International Journal of Biomathematics, 2017, 10, 1750063.	1.5	4
102	Legumeâ€“rhizobium symbiotic promiscuity and effectiveness do not affect plant invasiveness. Annals of Botany, 2017, 119, 1319-1331.	1.4	33
103	Does restricted access limit management of invasive urban frogs?. Biological Invasions, 2017, 19, 3659-3674.	1.2	15
104	Ranking of invasive spread through urban green areas in the worldâ€™s 100 most populous cities. Biological Invasions, 2017, 19, 3527-3539.	1.2	16
105	Scale-dependent portfolio effects explain growth inflation and volatility reduction in landscape demography. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12507-12511.	3.3	24
106	Evolutionary fields can explain patterns of high-dimensional complexity in ecology. Physical Review E, 2017, 95, 042401.	0.8	7
107	Cluster validity and uncertainty assessment for selfâ€organizing map pest profile analysis. Methods in Ecology and Evolution, 2017, 8, 349-357.	2.2	10
108	Beauty is more than skin deep: a nonâ€invasive protocol for inÂvivo anatomical study using microâ€CT. Methods in Ecology and Evolution, 2017, 8, 358-369.	2.2	13

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109	Parasites of Harmonia axyridis: current research and perspectives. BioControl, 2017, 62, 355-371.	0.9	47
110	Internode morphometrics and allometry of Tonkin Cane Pseudosasa amabilis. Ecology and Evolution, 2017, 7, 9651-9660.	0.8	11
111	Community assembly and succession. , 2017, , 191-221.		2
112	Robustness of rigid and adaptive networks to species loss. PLoS ONE, 2017, 12, e0189086.	1.1	23
113	Regime shifts. , 2017, , 169-190.		0
114	Non-equilibrium dynamics. , 2017, , 96-126.		0
115	The dynamics of spread. , 2017, , 21-47.		0
116	From dispersal to boosted range expansion. , 2017, , 70-95.		1
117	Managing biological invasions in the Anthropocene. , 2017, , 294-308.		1
118	Complex adaptive networks. , 2017, , 267-293.		0
119	Modelling spatial dynamics. , 2017, , 48-69.		0
120	Biotic interactions. , 2017, , 129-168.		0
121	Invasion debt â€“ quantifying future biological invasions. Diversity and Distributions, 2016, 22, 445-456.	1.9	160
122	Invading a mutualistic network: to be or not to be similar. Ecology and Evolution, 2016, 6, 4981-4996.	0.8	22
123	Is invasion success of Australian trees mediated by their native biogeography, phylogenetic history, or both?. AoB PLANTS, 2016, , plw080.	1.2	6
124	The harlequin ladybird, Harmonia axyridis: global perspectives on invasion history and ecology. Biological Invasions, 2016, 18, 997-1044.	1.2	275
125	Formulating spread of species with habitat dependent growth and dispersal in heterogeneous landscapes. Mathematical Biosciences, 2016, 275, 51-56.	0.9	7
126	Biotic and abiotic variables influencing plant litter breakdown in streams: a global study. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152664.	1.2	86

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127	Enemy at the gates: Rapid defensive trait diversification in an adaptive radiation of lizards. Evolution; International Journal of Organic Evolution, 2016, 70, 2647-2656.	1.1	26
128	A geometrical model for testing bilateral symmetry of bamboo leaf with a simplified Gielis equation. Ecology and Evolution, 2016, 6, 6798-6806.	0.8	35
129	Biogeo: an R package for assessing and improving data quality of occurrence record datasets. Ecography, 2016, 39, 394-401.	2.1	91
130	A general method for parameter estimation in light-response models. Scientific Reports, 2016, 6, 27905.	1.6	2
131	Population dynamics and associated factors of cereal aphids and armyworms under global change. Scientific Reports, 2016, 5, 18801.	1.6	23
132	The distribution and diversity of insular ants: do exotic species play by different rules?. Global Ecology and Biogeography, 2016, 25, 642-654.	2.7	14
133	Quantifying spatiotemporal drivers of environmental heterogeneity in Kruger National Park, South Africa. Landscape Ecology, 2016, 31, 2013-2029.	1.9	20
134	Approaches and mechanisms for ecologically based pest management across multiple scales. Agriculture, Ecosystems and Environment, 2016, 230, 199-209.	2.5	30
135	Densityâ€dependent dispersal complicates spatial synchrony in triâ€trophic food chains. Population Ecology, 2016, 58, 223-230.	0.7	10
136	Does the sizeâ€“density relationship developed for bamboo species conform to the self-thinning rule?. Forest Ecology and Management, 2016, 361, 339-345.	1.4	24
137	Early eclosion of overwintering cotton bollworm moths from warming temperatures accentuates yield loss in wheat. Agriculture, Ecosystems and Environment, 2016, 217, 89-98.	2.5	14
138	Symmetry breaking in cyclic competition by niche construction. Applied Mathematics and Computation, 2016, 284, 66-78.	1.4	11
139	Defining invasiveness and invasibility in ecological networks. Biological Invasions, 2016, 18, 971-983.	1.2	121
140	Capture the time when plants reach their maximum body size by using the beta sigmoid growth equation. Ecological Modelling, 2016, 320, 177-181.	1.2	31
141	Trait-mediated interaction leads to structural emergence in mutualistic networks. Evolutionary Ecology, 2016, 30, 105-121.	0.5	28
142	The seesaw effect of winter temperature change on the recruitment of cotton bollworms H elicoverpa armigera through mismatched phenology. Ecology and Evolution, 2015, 5, 5652-5661.	0.8	14
143	An optimal proportion of mixing broadâ€leaved forest for enhancing the effective productivity of moso bamboo. Ecology and Evolution, 2015, 5, 1576-1584.	0.8	12
144	Latitudinal gradient of nestedness and its potential drivers in stream detritivores. Ecography, 2015, 38, 949-955.	2.1	19

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145	Capturing spiral radial growth of conifers using the superellipse to model tree-ring geometric shape. Frontiers in Plant Science, 2015, 6, 856.	1.7	39
146	Plant invasions as a biogeographical assay: Vegetation biomes constrain the distribution of invasive alien species assemblages. South African Journal of Botany, 2015, 101, 24-31.	1.2	38
147	Beyond the continuum: a multi-dimensional phase space for neutralâ€“niche community assembly. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152417.	1.2	19
148	Adaptive Diversification in Coevolutionary Systems. , 2015, , 167-186.		9
149	Effects of the transmissibility and virulence of pathogens on intraguild predation in fragmented landscapes. BioSystems, 2015, 129, 44-49.	0.9	6
150	Assembly of plant communities in coastal wetlandsâ€"the role of saltcedarTamarix chinensisduring early succession. Journal of Plant Ecology, 2015, 8, 539-548.	1.2	5
151	Carrying Capacity of the Environment. , 2015, , 155-160.		14
152	A hybrid behavioural rule of adaptation and drift explains the emergent architecture of antagonistic networks. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150320.	1.2	26
153	Effects of agricultural intensification on ability of natural enemies to control aphids. Scientific Reports, 2015, 5, 8024.	1.6	58
154	Habitat heterogeneity stabilizes the spatial and temporal interactions between cereal aphids and parasitic wasps. Basic and Applied Ecology, 2015, 16, 510-518.	1.2	12
155	Fisheries-induced disruptive selection. Journal of Theoretical Biology, 2015, 365, 204-216.	0.8	32
156	Spatial Assortment of Mixed Propagules Explains the Acceleration of Range Expansion. PLoS ONE, 2014, 9, e103409.	1.1	13
157	Invasive plants as drivers of regime shifts: identifying highâ€priority invaders that alter feedback relationships. Diversity and Distributions, 2014, 20, 733-744.	1.9	214
158	Invasion trajectory of alien trees: the role of introduction pathway and planting history. Global Change Biology, 2014, 20, 1527-1537.	4.2	112
159	Recent experience-driven behaviour optimizes foraging. Animal Behaviour, 2014, 88, 13-19.	0.8	36
160	Macroecology meets invasion ecology: performance of Australian acacias and eucalypts around the world revealed by features of their native ranges. Biological Invasions, 2014, 16, 565-576.	1.2	28
161	Tree invasions: patterns, processes, challenges and opportunities. Biological Invasions, 2014, 16, 473-481.	1.2	132
162	Detecting phylogenetic signal in mutualistic interaction networks using a Markov process model. Oikos, 2014, 123, 1250-1260.	1.2	23

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163	Weakening density dependence from climate change and agricultural intensification triggers pest outbreaks: a 37â€year observation of cotton bollworms. Ecology and Evolution, 2014, 4, 3362-3374.	0.8	30
164	An Optimization Approach to the Two-Circle Method of Estimating Ground-Dwelling Arthropod Densities. Florida Entomologist, 2014, 97, 644-652.	0.2	2
165	Zeta Diversity as a Concept and Metric That Unifies Incidence-Based Biodiversity Patterns. American Naturalist, 2014, 184, 684-694.	1.0	140
166	A standardized set of metrics to assess and monitor tree invasions. Biological Invasions, 2014, 16, 535-551.	1.2	60
167	Cross-scale management strategies for optimal control of trees invading from source plantations. Biological Invasions, 2014, 16, 677-690.	1.2	30
168	Responses of Cereal Aphids and Their Parasitic Wasps to Landscape Complexity. Journal of Economic Entomology, 2014, 107, 630-637.	0.8	31
169	On the 3/4-exponent von Bertalanffy equation for ontogenetic growth. Ecological Modelling, 2014, 276, 23-28.	1.2	23
170	Cascade effects of crop species richness on the diversity of pest insects and their natural enemies. Science China Life Sciences, 2014, 57, 718-725.	2.3	16
171	The Impact of Land Abandonment on Species Richness and Abundance in the Mediterranean Basin: A Meta-Analysis. PLoS ONE, 2014, 9, e98355.	1.1	165
172	Niche Construction on Environmental Gradients: The Formation of Fitness Valley and Stratified Genotypic Distributions. PLoS ONE, 2014, 9, e99775.	1.1	9
173	Does land abandonment decrease species richness and abundance of plants and animals in Mediterranean pastures, arable lands and permanent croplands?. Environmental Evidence, 2013, 2, .	1.1	18
174	Effects of position within wheat field and adjacent habitats on the density and diversity of cereal aphids and their natural enemies. BioControl, 2013, 58, 765-776.	0.9	28
175	Changing roles of propagule, climate, and land use during extralimital colonization of a rose chafer beetle. Die Naturwissenschaften, 2013, 100, 327-336.	0.6	16
176	Longâ€distance dispersal maximizes evolutionary potential during rapid geographic range expansion. Molecular Ecology, 2013, 22, 5793-5804.	2.0	77
177	Effects of inter-annual landscape change on interactions between cereal aphids and their natural enemies. Basic and Applied Ecology, 2013, 14, 472-479.	1.2	40
178	Farm dams facilitate amphibian invasion: Extraâ€limital range expansion of the painted reed frog in <scp>S</scp>outh <scp>A</scp>frica. Austral Ecology, 2013, 38, 851-863.	0.7	17
179	ADAPTIVE DIVERGENCE IN DARWIN'S RACE: HOW COEVOLUTION CAN GENERATE TRAIT DIVERSITY IN A POLLINATION SYSTEM. Evolution; International Journal of Organic Evolution, 2013, 67, 548-560.	1.1	36
180	Solving the pitfalls of pitfall trapping: a twoâ€circle method for density estimation of groundâ€dwelling arthropods. Methods in Ecology and Evolution, 2013, 4, 865-871.	2.2	33

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181	Scale dependency of biocapacity and the fallacy of unsustainable development. Journal of Environmental Management, 2013, 126, 13-19.	3.8	15
182	Increasing functional modularity with residence time in the co-distribution of native and introduced vascular plants. Nature Communications, 2013, 4, 2454.	5.8	32
183	Propagule pressure drives establishment of introduced freshwater fish: quantitative evidence from an irrigation network. Ecological Applications, 2013, 23, 1926-1937.	1.8	38
184	A Cross-Scale Approach for Abundance Estimation of Invasive Alien Plants in a Large Protected Area. , 2013, , 73-88.		2
185	A first record of biological soil crusts in the Cape Floristic Region. South African Journal of Science, 2012, 108, .	0.3	5
186	Scale effect and bimodality in the frequency distribution of species occupancy. Community Ecology, 2012, 13, 30-35.	0.5	18
187	Effects of plant availability and habitat size on the coexistence of two competing parasitoids in a tri-trophic food web of canola, diamondback moth and parasitic wasps. Ecological Modelling, 2012, 244, 49-56.	1.2	9
188	Organism-induced habitat restoration leads to bi-stability in metapopulations. Mathematical Biosciences, 2012, 240, 260-266.	0.9	7
189	Flexible dispersal strategies in native and nonâ€native ranges: environmental quality and the â€˜goodâ€“stay, badâ€“disperseâ€™ rule. Ecography, 2012, 35, 1024-1032.	2.1	38
190	Spatial Sorting Drives Morphological Variation in the Invasive Bird, Acridotheris tristis. PLoS ONE, 2012, 7, e38145.	1.1	59
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