

Sabrina Kumschick

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

4,671
citations

218677

26
h-index

214800

47
g-index

67
all docs

67
docs citations

67
times ranked

4281
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unified Classification of Alien Species Based on the Magnitude of their Environmental Impacts. <i>PLoS Biology</i> , 2014, 12, e1001850.	5.6	648
2	Defining the Impact of Non-Native Species. <i>Conservation Biology</i> , 2014, 28, 1188-1194.	4.7	308
3	Ecological Impacts of Alien Species: Quantification, Scope, Caveats, and Recommendations. <i>BioScience</i> , 2015, 65, 55-63.	4.9	301
4	Socio-economic impact classification of alien taxa (<sc>SEICAT</sc>). <i>Methods in Ecology and Evolution</i> , 2018, 9, 159-168.	5.2	244
5	Advancing impact prediction and hypothesis testing in invasion ecology using a comparative functional response approach. <i>Biological Invasions</i> , 2014, 16, 735-753.	2.4	214
6	Crossing Frontiers in Tackling Pathways of Biological Invasions. <i>BioScience</i> , 2015, 65, 769-782.	4.9	202
7	More than 100 worst alien species in Europe. <i>Biological Invasions</i> , 2018, 20, 1611-1621.	2.4	200
8	Framework and guidelines for implementing the proposed <sc>IUCN</sc> Environmental Impact Classification for Alien Taxa (<sc>EICAT</sc>). <i>Diversity and Distributions</i> , 2015, 21, 1360-1363.	4.1	184
9	A vision for global monitoring of biological invasions. <i>Biological Conservation</i> , 2017, 213, 295-308.	4.1	178
10	A conceptual map of invasion biology: Integrating hypotheses into a consensus network. <i>Global Ecology and Biogeography</i> , 2020, 29, 978-991.	5.8	150
11	A framework for engaging stakeholders on the management of alien species. <i>Journal of Environmental Management</i> , 2018, 205, 286-297.	7.8	141
12	Species-based risk assessments for biological invasions: advances and challenges. <i>Diversity and Distributions</i> , 2013, 19, 1095-1105.	4.1	128
13	Comparing impacts of alien plants and animals in Europe using a standard scoring system. <i>Journal of Applied Ecology</i> , 2015, 52, 552-561.	4.0	116
14	A conceptual framework for prioritization of invasive alien species for management according to their impact. <i>NeoBiota</i> , 0, 15, 69-100.	1.0	112
15	Some alien birds have as severe an impact as the most effectual alien mammals in Europe. <i>Biological Conservation</i> , 2010, 143, 2757-2762.	4.1	96
16	The generic impact scoring system (GISS): a standardized tool to quantify the impacts of alien species. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 315.	2.7	88
17	Emerging infectious diseases and biological invasions: a call for a One Health collaboration in science and management. <i>Royal Society Open Science</i> , 2019, 6, 181577.	2.4	82
18	Application of the <sc>E</sc>nvironmental <sc>I</sc>mpact <sc>C</sc>lassification for <sc>A</sc>lien <sc>T</sc>axa (EICAT) to a global assessment of alien bird impacts. <i>Diversity and Distributions</i> , 2016, 22, 919-931.	4.1	79

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19	A global assessment of alien amphibian impacts in a formal framework. <i>Diversity and Distributions</i> , 2016, 22, 970-981.	4.1	67
20	Impact assessment with different scoring tools: How well do alien amphibian assessments match?. <i>NeoBiota</i> , 0, 33, 53-66.	1.0	55
21	The importance of assessing positive and beneficial impacts of alien species. <i>NeoBiota</i> , 0, 62, 525-545.	1.0	55
22	Scientists' warning to humanity on illegal or unsustainable wildlife trade. <i>Biological Conservation</i> , 2021, 263, 109341.	4.1	50
23	Evolution of fast-growing and more resistant phenotypes in introduced common mullein (<i>Verbascum thapsus</i>). <i>Journal of Ecology</i> , 2013, 101, 378-387.	4.0	46
24	Soft Touch or Heavy Hand? Legislative Approaches for Preventing Invasions: Insights from Cacti in South Africa. <i>Invasive Plant Science and Management</i> , 2015, 8, 307-316.	1.1	41
25	Challenges and perspectives on tackling illegal or unsustainable wildlife trade. <i>Biological Conservation</i> , 2021, 263, 109342.	4.1	39
26	Methods and approaches for the management of arthropod border incursions. <i>Biological Invasions</i> , 2016, 18, 1057-1075.	2.4	37
27	Appropriate uses of EICAT protocol, data and classifications. <i>NeoBiota</i> , 0, 62, 193-212.	1.0	37
28	Does origin determine environmental impacts? Not for bamboos. <i>Plants People Planet</i> , 2019, 1, 119-128.	3.3	36
29	What determines the impact of alien birds and mammals in Europe?. <i>Biological Invasions</i> , 2013, 15, 785-797.	2.4	35
30	Identifying the factors that determine the severity and type of alien bird impacts. <i>Diversity and Distributions</i> , 2018, 24, 800-810.	4.1	35
31	Rapid spread of the wasp spider <i>Argiope bruennichi</i> across Europe: a consequence of climate change?. <i>Climatic Change</i> , 2011, 109, 319-329.	3.6	32
32	Native range size and growth form in Cactaceae predict invasiveness and impact. <i>NeoBiota</i> , 0, 30, 75-90.	1.0	32
33	A framework to support alien species regulation: the Risk Analysis for Alien Taxa (RAAT). <i>NeoBiota</i> , 0, 62, 213-239.	1.0	31
34	Grasses as invasive plants in South Africa revisited: Patterns, pathways and management. <i>Bothalia</i> , 2017, 47, .	0.3	31
35	Intentionally introduced terrestrial invertebrates: patterns, risks, and options for management. <i>Biological Invasions</i> , 2016, 18, 1077-1088.	2.4	30
36	The relevance of using various scoring schemes revealed by an impact assessment of feral mammals. <i>NeoBiota</i> , 0, 38, 35-75.	1.0	30

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37	Comparing determinants of alien bird impacts across two continents: implications for risk assessment and management. <i>Ecology and Evolution</i> , 2014, 4, 2957-2967.	1.9	29
38	How repeatable is the Environmental Impact Classification of Alien Taxa (EICAT)? Comparing independent global impact assessments of amphibians. <i>Ecology and Evolution</i> , 2017, 7, 2661-2670.	1.9	29
39	Gastropods alien to South Africa cause severe environmental harm in their global alien ranges across habitats. <i>Ecology and Evolution</i> , 2018, 8, 8273-8285.	1.9	29
40	An Evaluation of the Impacts of Alien Species on Biodiversity in South Africa Using Different Assessment Methods. , 2020, , 489-512.		27
41	Improving the Environmental Impact Classification for Alien Taxa (EICAT): a summary of revisions to the framework and guidelines. <i>NeoBiota</i> , 0, 62, 547-567.	1.0	26
42	South Africa's Pathways of Introduction and Dispersal and How They Have Changed Over Time. , 2020, , 313-354.		25
43	Understanding uncertainty in the Impact Classification for Alien Taxa (ICAT) assessments. <i>NeoBiota</i> , 0, 62, 387-405.	1.0	22
44	Weak or strong invaders? A comparison of impact between the native and invaded ranges of mammals and birds alien to Europe. <i>Diversity and Distributions</i> , 2011, 17, 663-672.	4.1	20
45	Determinants of data deficiency in the impacts of alien bird species. <i>Ecography</i> , 2018, 41, 1401-1410.	4.5	20
46	Frameworks used in invasion science: progress and prospects. <i>NeoBiota</i> , 0, 62, 1-30.	1.0	20
47	Analysing the Risks Posed by Biological Invasions to South Africa. , 2020, , 573-595.		18
48	Global Actions for Managing Cactus Invasions. <i>Plants</i> , 2019, 8, 421.	3.5	17
49	Promise and challenges of risk assessment as an approach for preventing the arrival of harmful alien species. <i>Bothalia</i> , 2017, 47, .	0.3	17
50	Managing alien bird species: Time to move beyond "the worst 100 of the worst" lists?. <i>Bird Conservation International</i> , 2016, 26, 154-163.	1.3	16
51	Options for reducing uncertainty in impact classification for alien species. <i>Ecosphere</i> , 2021, 12, e03461.	2.2	16
52	The threats posed by the pet trade in alien terrestrial invertebrates in South Africa. <i>Journal for Nature Conservation</i> , 2020, 55, 125831.	1.8	15
53	Species Richness-Environment Relationships of European Arthropods at Two Spatial Grains: Habitats and Countries. <i>PLoS ONE</i> , 2012, 7, e45875.	2.5	13
54	Global environmental and socio-economic impacts of selected alien grasses as a basis for ranking threats to South Africa. <i>NeoBiota</i> , 0, 41, 19-65.	1.0	13

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55	Determinants of local ant (Hymenoptera: Formicidae) species richness and activity density across Europe. <i>Ecological Entomology</i> , 2009, 34, 748-754.	2.2	12
56	Weed Risk Assessments Are an Effective Component of Invasion Risk Management. <i>Invasive Plant Science and Management</i> , 2016, 9, 81-83.	1.1	12
57	Is invasion science moving towards agreed standards? The influence of selected frameworks. <i>NeoBiota</i> , 0, 62, 569-590.	1.0	12
58	Tarantulas (Araneae: Theraphosidae) in the pet trade in South Africa. <i>African Zoology</i> , 2020, 55, 323-336.	0.4	11
59	A global impact assessment of Acacia species introduced to South Africa. <i>Biological Invasions</i> , 2022, 24, 175-187.	2.4	11
60	Comparing the IUCN's EICAT and Red List to improve assessments of the impact of biological invasions. <i>NeoBiota</i> , 0, 62, 509-523.	1.0	10
61	Water limitation prevails over energy in European diversity gradients of sheetweb spiders (Araneae: Tj ETQq1 1 0.784314 rgBT /Overl	2.7	8
62	Defining Environment Risk Assessment Criteria for Genetically Modified Insects to be placed on the EU Market. <i>EFSA Supporting Publications</i> , 2010, 7, 71E.	0.7	8
63	Identifying safe cultivars of invasive plants: six questions for risk assessment, management, and communication. <i>NeoBiota</i> , 0, 62, 81-97.	1.0	7
64	Response to Strubbe et al. (2011): Impact scoring of invasive birds is justified. <i>Biological Conservation</i> , 2011, 144, 2747.	4.1	5