

Nigel E Stork

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

11,142
citations

46984

47
h-index

30894

102
g-index

142
all docs

142
docs citations

142
times ranked

11157
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiversity inventories, indicator taxa and effects of habitat modification in tropical forest. <i>Nature</i> , 1998, 391, 72-76.	13.7	930
2	How Many Species of Insects and Other Terrestrial Arthropods Are There on Earth?. <i>Annual Review of Entomology</i> , 2018, 63, 31-45.	5.7	777
3	Insects in fragmented forests: a functional approach. <i>Trends in Ecology and Evolution</i> , 1996, 11, 255-260.	4.2	555
4	The Potential for Species Conservation in Tropical Secondary Forests. <i>Conservation Biology</i> , 2009, 23, 1406-1417.	2.4	489
5	Can We Name Earth's Species Before They Go Extinct?. <i>Science</i> , 2013, 339, 413-416.	6.0	479
6	Scientists' warning to humanity on insect extinctions. <i>Biological Conservation</i> , 2020, 242, 108426.	1.9	458
7	Insect diversity: facts, fiction and speculation*. <i>Biological Journal of the Linnean Society</i> , 1988, 35, 321-337.	0.7	397
8	BEETLE SPECIES RESPONSES TO TROPICAL FOREST FRAGMENTATION. <i>Ecological Monographs</i> , 1998, 68, 295-323.	2.4	347
9	New approaches narrow global species estimates for beetles, insects, and terrestrial arthropods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7519-7523.	3.3	300
10	Biodiversity Meets the Atmosphere: A Global View of Forest Canopies. <i>Science</i> , 2003, 301, 183-186.	6.0	295
11	Experimental Analysis of Adhesion Of <i>Chrysolina Polita</i> (Chrysomelidae: Coleoptera) On A Variety of Surfaces. <i>Journal of Experimental Biology</i> , 1980, 88, 91-108.	0.8	247
12	Species number, species abundance and body length relationships of arboreal beetles in Bornean lowland rain forest trees. <i>Ecological Entomology</i> , 1988, 13, 25-37.	1.1	224
13	Quantifying Uncertainty in Estimation of Tropical Arthropod Species Richness. <i>American Naturalist</i> , 2010, 176, 90-95.	1.0	199
14	Bottom-up control and co-occurrence in complex communities: honeydew and nectar determine a rainforest ant mosaic. <i>Oikos</i> , 2004, 106, 344-358.	1.2	196
15	Invertebrates as determinants and indicators of soil quality. <i>Renewable Agriculture and Food Systems</i> , 1992, 7, 38-47.	0.6	189
16	Increasing biodiversity in urban green spaces through simple vegetation interventions. <i>Journal of Applied Ecology</i> , 2017, 54, 1874-1883.	1.9	180
17	A scanning electron microscope study of tarsal adhesive setae in the Coleoptera. <i>Zoological Journal of the Linnean Society</i> , 1980, 68, 173-306.	1.0	177
18	Effects of land use and land cover change on ecosystem services in the Koshi River Basin, Eastern Nepal. <i>Ecosystem Services</i> , 2019, 38, 100963.	2.3	173

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19	How many species are there?. <i>Biodiversity and Conservation</i> , 1993, 2, 215-232.	1.2	172
20	The Relationship between Abundance and Body Size in Natural Animal Assemblages. <i>Journal of Animal Ecology</i> , 1993, 62, 519.	1.3	170
21	The composition of the arthropod fauna of Bornean lowland rain forest trees. <i>Journal of Tropical Ecology</i> , 1991, 7, 161-180.	0.5	163
22	The conservation value of urban green space habitats for Australian native bee communities. <i>Biological Conservation</i> , 2015, 187, 240-248.	1.9	163
23	Re-assessing current extinction rates. <i>Biodiversity and Conservation</i> , 2010, 19, 357-371.	1.2	161
24	Guild structure of arthropods from Bornean rain forest trees. <i>Ecological Entomology</i> , 1987, 12, 69-80.	1.1	155
25	Logging cuts the functional importance of invertebrates in tropical rainforest. <i>Nature Communications</i> , 2015, 6, 6836.	5.8	127
26	Spatial assessment and mapping of biodiversity and conservation priorities in a heavily modified and fragmented production landscape in north-central Victoria, Australia. <i>Ecological Indicators</i> , 2014, 36, 552-562.	2.6	123
27	Extinction or 'co-extinction' rates?. <i>Nature</i> , 1993, 366, 307-307.	13.7	115
28	How do herbivorous insects respond to drought stress in trees?. <i>Biological Reviews</i> , 2020, 95, 434-448.	4.7	114
29	Beetle assemblages from an Australian tropical rainforest show that the canopy and the ground strata contribute equally to biodiversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1969-1975.	1.2	112
30	ROLE OF WAXBLOOMS IN PREVENTING ATTACHMENT TO BRASSICAS BY THE MUSTARD BEETLE, <i>PHAEDON COCHLEARIAE</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1980, 28, 100-107.	0.7	106
31	Ant mosaics in a tropical rainforest in Australia and elsewhere: A critical review. <i>Austral Ecology</i> , 2007, 32, 93-104.	0.7	105
32	A comparison of the adhesive setae on the feet of lizards and arthropods. <i>Journal of Natural History</i> , 1983, 17, 829-835.	0.2	93
33	The adherence of beetle tarsal setae to glass. <i>Journal of Natural History</i> , 1983, 17, 583-597.	0.2	90
34	Vulnerability and Resilience of Tropical Forest Species to Land Use Change. <i>Conservation Biology</i> , 2009, 23, 1438-1447.	2.4	90
35	Abundance, Body Size and Biomass of Arthropods in Tropical Forest. <i>Oikos</i> , 1993, 67, 483.	1.2	89
36	Ecosystem services and livelihoods in a changing climate: Understanding local adaptations in the Upper Koshi, Nepal. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2015, 11, 145-155.	2.9	86

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37	Spatial assessment of ecosystem goods and services in complex production landscapes: A case study from south-eastern Australia. <i>Ecological Complexity</i> , 2013, 13, 35-45.	1.4	83
38	The diversity and abundance of ants in relation to forest disturbance and plantation establishment in southern Cameroon. <i>Journal of Applied Ecology</i> , 2002, 39, 18-30.	1.9	78
39	Vertical stratification of feeding guilds and body size in beetle assemblages from an Australian tropical rainforest. <i>Austral Ecology</i> , 2007, 32, 77-85.	0.7	74
40	Final countdown for biodiversity hotspots. <i>Conservation Letters</i> , 2019, 12, e12668.	2.8	73
41	Seasonality of a Diverse Beetle Assemblage Inhabiting Lowland Tropical Rain Forest in Australia. <i>Biotropica</i> , 2009, 41, 328-337.	0.8	71
42	Urban Expansion Occurred at the Expense of Agricultural Lands in the Tarai Region of Nepal from 1989 to 2016. <i>Sustainability</i> , 2018, 10, 1341.	1.6	71
43	Arthropod faunal similarity of Bornean rain forest trees. <i>Ecological Entomology</i> , 1987, 12, 219-226.	1.1	66
44	Title is missing!. <i>Biodiversity and Conservation</i> , 2001, 10, 793-813.	1.2	65
45	Economic evaluation of ecosystem goods and services under different landscape management scenarios. <i>Land Use Policy</i> , 2014, 39, 54-64.	2.5	60
46	Conserving herbivorous and predatory insects in urban green spaces. <i>Scientific Reports</i> , 2017, 7, 40970.	1.6	54
47	Growing City and Rapid Land Use Transition: Assessing Multiple Hazards and Risks in the Pokhara Valley, Nepal. <i>Land</i> , 2015, 4, 957-978.	1.2	53
48	An inordinate fondness for beetles. <i>Invertebrate Systematics</i> , 2000, 14, 733.	0.5	52
49	Estimating global arthropod species richness: refining probabilistic models using probability bounds analysis. <i>Oecologia</i> , 2013, 171, 357-365.	0.9	51
50	Impact of Forest Management on Insect Abundance and Damage in a Lowland Tropical Forest in Southern Cameroon. <i>Journal of Applied Ecology</i> , 1997, 34, 985.	1.9	47
51	Temporal and spatial variation in an Australian tropical rainforest. <i>Austral Ecology</i> , 2007, 32, 10-20.	0.7	46
52	Feeding guild structure of beetles on Australian tropical rainforest trees reflects microhabitat resource availability. <i>Journal of Animal Ecology</i> , 2012, 81, 1086-1094.	1.3	44
53	Measuring and managing ecosystem goods and services in changing landscapes: a south-east Australian perspective. <i>Journal of Environmental Planning and Management</i> , 2014, 57, 961-983.	2.4	43
54	Abundance and diversity of spiders from the canopy of tropical rainforests with particular reference to Sulawesi, Indonesia. <i>Journal of Tropical Ecology</i> , 1994, 10, 545-558.	0.5	42

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55	Modeling of ecosystem services informs spatial planning in lands adjacent to the Sarvelat and Javaherdasht protected area in northern Iran. <i>Land Use Policy</i> , 2017, 61, 487-500.	2.5	42
56	The spatial distribution of beetles within the canopies of oak trees in Richmond Park, U.K.. <i>Ecological Entomology</i> , 2001, 26, 302-311.	1.1	41
57	World of insects. <i>Nature</i> , 2007, 448, 657-658.	13.7	41
58	Simulating urban expansion in a rapidly changing landscape in eastern Tarai, Nepal. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 255.	1.3	41
59	Inventorying and monitoring biodiversity. <i>Trends in Ecology and Evolution</i> , 1996, 11, 39-40.	4.2	39
60	Can biodiversity hotspots protect more than tropical forest plants and vertebrates?. <i>Journal of Biogeography</i> , 2014, 41, 421-428.	1.4	38
61	The Overlooked Biodiversity of Flower-Visiting Invertebrates. <i>PLoS ONE</i> , 2012, 7, e45796.	1.1	37
62	Australian tropical forest canopy crane: New tools for new frontiers. <i>Austral Ecology</i> , 2007, 32, 4-9.	0.7	36
63	Assessment of Changes in Land Use/Land Cover and Land Surface Temperatures and Their Impact on Surface Urban Heat Island Phenomena in the Kathmandu Valley (1988â€“2018). <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 726.	1.4	35
64	What determines whether a species of insect is described? Evidence from a study of tropical forest beetles. <i>Insect Conservation and Diversity</i> , 2008, 1, 114-119.	1.4	34
65	Anthropogenic Decline of Ecosystem Services Threatens the Integrity of the Unique Hyrcanian (Caspian) Forests in Northern Iran. <i>Forests</i> , 2016, 7, 51.	0.9	32
66	The Conservation of Saproxylic Insects in Tropical Forests: A Research Agenda. <i>Journal of Insect Conservation</i> , 1999, 3, 67-74.	0.8	31
67	Ecosystem Service Changes and Livelihood Impacts in the Maguri-Motapung Wetlands of Assam, India. <i>Land</i> , 2016, 5, 15.	1.2	31
68	Relationships between abundance and body size: where do tourists fit?. <i>Ecological Entomology</i> , 1993, 18, 310-314.	1.1	30
69	Tarsal setae in Coleoptera. <i>Arthropod Structure and Development</i> , 1976, 5, 219-221.	0.4	29
70	The structure of ground beetle assemblages (Coleoptera: Carabidae) at fig fruit falls (Moraceae) in a terra firme rain forest near Manaus (Brazil). <i>Journal of Tropical Ecology</i> , 2001, 17, 549-561.	0.5	26
71	Composition of spider communities in the canopies of rainforest trees in Borneo. <i>Journal of Tropical Ecology</i> , 1995, 11, 223-235.	0.5	25
72	How do beetle assemblages respond to cyclonic disturbance of a fragmented tropical rainforest landscape?. <i>Oecologia</i> , 2009, 161, 591-599.	0.9	24

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73	Specialization of rainforest canopy beetles to host trees and microhabitats: not all specialists are leaf-feeding herbivores. <i>Biological Journal of the Linnean Society</i> , 2013, 109, 215-228.	0.7	24
74	Response to Comments on "Can We Name Earth's Species Before They Go Extinct?". <i>Science</i> , 2013, 341, 237-237.	6.0	22
75	BETLE SPECIES RESPONSES TO TROPICAL FOREST FRAGMENTATION. , 1998, 68, 295.		21
76	The seasonality and distribution of Neuroptera, Raphidioptera and Mecoptera on oaks in Richmond Park, Surrey, as revealed by insecticide knock-down sampling. <i>Journal of Natural History</i> , 1986, 20, 1321-1331.	0.2	20
77	Consistency of effects of tropical forest disturbance on species composition and richness relative to use of indicator taxa. <i>Conservation Biology</i> , 2017, 31, 924-933.	2.4	20
78	Craning for a better view: the canopy crane network. <i>Trends in Ecology and Evolution</i> , 1997, 12, 418-420.	4.2	19
79	Variation in beetle community structure across five microhabitats in Australian tropical rainforest trees. <i>Insect Conservation and Diversity</i> , 2013, 6, 463-472.	1.4	19
80	The specialization and structure of antagonistic and mutualistic networks of beetles on rainforest canopy trees. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 287-295.	0.7	19
81	Seasonal variation in a diverse beetle assemblage along two elevational gradients in the Australian Wet Tropics. <i>Scientific Reports</i> , 2018, 8, 8559.	1.6	18
82	Quantifying the drivers of urban expansion in Nepal. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 633.	1.3	16
83	The Structure of Ground Beetle Assemblages (Coleoptera: Carabidae) at Fruit Falls of Melastomataceae Trees in a Brazilian Terra Firme Rain Forest ¹ . <i>Biotropica</i> , 2002, 34, 368-375.	0.8	15
84	Tropical rainforest canopies and climate change. <i>Austral Ecology</i> , 2007, 32, 105-112.	0.7	15
85	Impacts of Tropical Cyclones on Forests in the Wet Tropics of Australia. , 2009, , 47-58.		15
86	Vertical stratification of beetles in tropical rainforests as sampled by light traps in North Queensland, Australia. <i>Austral Ecology</i> , 2016, 41, 168-178.	0.7	15
87	The Hiletini, an ancient and enigmatic tribe of Carabidae with a pantropical distribution (Coleoptera). <i>Systematic Entomology</i> , 1985, 10, 405-451.	1.7	14
88	Canopy fogging, a method of collecting living insects for investigations of life history strategies. <i>Journal of Natural History</i> , 1987, 21, 563-566.	0.2	14
89	Densities and biomass of invertebrates in stands of rotationally managed coppice woodland. <i>Biological Conservation</i> , 1990, 51, 167-176.	1.9	14
90	Do edge effects increase the susceptibility of rainforest fragments to structural damage resulting from a severe tropical cyclone?. <i>Austral Ecology</i> , 2008, 33, 525-531.	0.7	14

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91	Lianas as a food resource for herbivorous insects: a comparison with trees. <i>Biological Reviews</i> , 2019, 94, 1416-1429.	4.7	14
92	Recovery of decomposition rates and decomposer invertebrates during rain forest restoration on disused pasture. <i>Biotropica</i> , 2020, 52, 230-241.	0.8	14
93	Is insect vertical distribution in rainforests better explained by distance from the canopy top or distance from the ground?. <i>Biodiversity and Conservation</i> , 2020, 29, 1081-1103.	1.2	14
94	Species richness and temporal partitioning in the beetle fauna of oak trees (<i>Quercus robur</i> L.) in Richmond Park, UK. <i>Insect Conservation and Diversity</i> , 2013, 6, 67-81.	1.4	13
95	Status and Threats in the Dynamic Landscapes of Northern Australia's Tropical Rainforest Biodiversity Hotspot: The Wet Tropics. , 2011, , 311-332.		12
96	Spatial Assessment of the Potential Impact of Infrastructure Development on Biodiversity Conservation in Lowland Nepal. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 365.	1.4	12
97	Body size variation among invertebrates inhabiting different canopy microhabitat: flower visitors are smaller. <i>Ecological Entomology</i> , 2013, 38, 101-111.	1.1	11
98	Canopy invertebrate community composition on rainforest trees: Different microhabitats support very different invertebrate communities. <i>Austral Ecology</i> , 2014, 39, 367-377.	0.7	11
99	Land use/land cover change and ecosystem services in the Bagmati River Basin, Nepal. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 651.	1.3	11
100	Forest Cover Change and Ecosystem Services: A Case Study of Community Forest in Mechinagar and Buddhshanti Landscape (MBL), Nepal. <i>Environmental Management</i> , 2021, 67, 963-973.	1.2	10
101	Temporal variation in abundance of leaf litter beetles and ants in an Australian lowland tropical rainforest is driven by climate and litter fall. <i>Biodiversity and Conservation</i> , 2018, 27, 2625-2640.	1.2	9
102	Edge effects and beta diversity in ground and canopy beetle communities of fragmented subtropical forest. <i>PLoS ONE</i> , 2018, 13, e0193369.	1.1	9
103	The management implications of canopy research. <i>Plant Ecology</i> , 2001, 153, 313-317.	0.7	8
104	Revisiting crisis, change and institutions in the tropical forests: The multifunctional transition in Australia's Wet Tropics. <i>Journal of Rural Studies</i> , 2014, 36, 99-107.	2.1	8
105	Forest Cover and Sustainable Development in the Lumbini Province, Nepal: Past, Present and Future. <i>Remote Sensing</i> , 2021, 13, 4093.	1.8	8
106	Temporal dynamics of body size of beetles on oaks: a cautionary tale. <i>Ecological Entomology</i> , 1993, 18, 399-401.	1.1	5
107	Finding the host tree species of <i>Notiobia nebrionides</i> Perty (Coleoptera, Carabidae), a member of the seed-feeding guild at fruit falls in Amazonian non-inundated lowland rainforest. <i>Journal of Natural History</i> , 2003, 37, 839-844.	0.2	5
108	Geography and Indonesian oil-palm expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E171; author reply E172.	3.3	5

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109	Estimating the number of species on Earth. , 1999, , 1-7.		5
110	Reproductive seasonality of the ground and tiger beetle (Coleoptera: Carabidae, Cicindelidae) fauna in North Sulawesi (Indonesia). Studies on Neotropical Fauna and Environment, 1992, 27, 101-115.	0.5	4
111	Catchment to Reef: Water Quality and Ecosystem Health in Tropical Streams. , 2009, , 557-576.		4
112	Low host specificity of beetles associated with fruit falls in lowland tropical rainforest of north-east Australia. Austral Entomology, 2014, 53, 75-82.	0.8	4
113	Forest restoration and support for sustainable ecosystems in the Gandaki Basin, Nepal. Environmental Monitoring and Assessment, 2021, 193, 563.	1.3	4
114	Tropical forest dynamics: the faunal components. Monographiae Biologicae, 1996, , 1-20.	0.1	3
115	New evidence on the phylogeny and biogeography of the Amphizoidae: Discovery of a new species from China (Coleoptera). Systematic Entomology, 1991, 16, 253-256.	1.7	2
116	Biodiversity and Landscapes.. Journal of Ecology, 1997, 85, 551.	1.9	2
117	Beetle assemblages in rainforest gaps along a subtropical to tropical latitudinal gradient. Biodiversity and Conservation, 2017, 26, 1689-1703.	1.2	2
118	The effect of drought on wood-boring in trees and saplings in tropical rainforests. Forest Ecology and Management, 2021, 489, 119078.	1.4	2
119	Editorial: Dynamics and processes in the canopy of an Australian tropical rainforest. Austral Ecology, 2007, 32, 2-3.	0.7	1
120	Rainforest Science and its Application. , 2009, , 610-617.		1
121	Environmental Impacts of Tourism and Recreation in the Wet Tropics. , 2009, , 349-356.		1
122	Insects on flowers. Communicative and Integrative Biology, 2013, 6, e22509.	0.6	1
123	Preface: Professor Roger Kitching. Austral Ecology, 2016, 41, 117-119.	0.7	1
124	Re-assessing current extinction rates. Topics in Biodiversity and Conservation, 2009, , 45-59.	0.3	1
125	Food versus wildlife: Will biodiversity hotspots benefit from healthier diets?. Global Ecology and Biogeography, 0, , .	2.7	1
126	The Role of Ground Beetles in Ecological and Environmental Studies. Journal of Animal Ecology, 1991, 60, 1103.	1.3	0

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127	Biodiversity Measurement and Estimation. Journal of Animal Ecology, 1996, 65, 530.	1.3	0
128	Lessons for Other Tropical Forest Landscapes. , 2009, , 618-622.		0
129	The management implications of canopy research. Forestry Sciences, 2001, , 313-317.	0.4	0
130	Biodiversity: Conservation. , 2014, , 59-65.		0