Tatyana A Rand

List of Publications by Year
in descending order

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Version: 2024-02-01

50 papers	5,404 citations	236925 25 h-index	189892 50 g-index
50 all docs	50 docs citations	50 times ranked	6966 citing authors

#	Article	IF	Citations
1	Landscape moderation of biodiversity patterns and processes â€•eight hypotheses. Biological Reviews, 2012, 87, 661-685.	10.4	1,443
2	Interactive effects of habitat modification and species invasion on native species decline. Trends in Ecology and Evolution, 2007, 22, 489-496.	8.7	692
3	Spillover edge effects: the dispersal of agriculturally subsidized insect natural enemies into adjacent natural habitats. Ecology Letters, 2006, 9, 603-614.	6.4	518
4	Author Sequence and Credit for Contributions in Multiauthored Publications. PLoS Biology, 2007, 5, e18.	5.6	413
5	Spillover of functionally important organisms between managed and natural habitats. Agriculture, Ecosystems and Environment, 2012, 146, 34-43.	5.3	413
6	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7863-E7870.	7.1	401
7	Resource Heterogeneity Moderates the Biodiversity-Function Relationship in Real World Ecosystems. PLoS Biology, 2008, 6, e122.	5.6	210
8	Seed dispersal, habitat suitability and the distribution of halophytes across a salt marsh tidal gradient. Journal of Ecology, 2000, 88, 608-621.	4.0	125
9	Contrasting effects of natural habitat loss on generalist and specialist aphid natural enemies. Oikos, 2007, 116, 1353-1362.	2.7	112
10	Spillover of Agriculturally Subsidized Predators as a Potential Threat to Native Insect Herbivores in Fragmented Landscapes. Conservation Biology, 2006, 20, 1720-1729.	4.7	94
11	Complementarity and redundancy of interactions enhance attack rates and spatial stability in hostâ€“parasitoid food webs. Ecology, 2014, 95, 1888-1896.	3.2	79
12	EXOTIC WEED INVASION INCREASES THE SUSCEPTIBILITY OF NATIVE PLANTS TO ATTACK BY A BIOCONTROL HERBIVORE. Ecology, 2004, 85, 1548-1554.	3.2	73
13	Landscape-scale patterns of biological invasions in shoreline plant communities. Oikos, 2004, 107, 531-540.	2.7	69
14	Reprint of â€œConservation biological control and enemy diversity on a landscape scaleâ€•[Biol. Control 43 (2007) 294â€“309]. Biological Control, 2008, 45, 238-253.	3.0	64
15	Landscape complexity differentially benefits generalized fourth, over specialized third, trophic level natural enemies. Ecography, 2012, 35, 97-104.	4.5	59
16	HERBIVORE-MEDIATED APPARENT COMPETITION BETWEEN TWO SALT MARSH FORBS. Ecology, 2003, 84, 1517-1526.	3.2	57
17	Communityâ€level net spillover of natural enemies from managed to natural forest. Ecology, 2015, 96, 193-202.	3.2	53
18	Variation in insect herbivory across a salt marsh tidal gradient influences plant survival and distribution. Oecologia, 2002, 132, 549-558.	2.0	52

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19	Increased area of a highly suitable host crop increases herbivore pressure in intensified agricultural landscapes. Agriculture, Ecosystems and Environment, 2014, 186, 135-143.	5.3	52
20	Effects of environmental context on the susceptibility of Atriplex patula to attack by herbivorous beetles. Oecologia, 1999, 121, 39-46.	2.0	51
21	Assessment of ecological risks in weed biocontrol: Input from retrospective ecological analyses. Biological Control, 2005, 35, 253-264.	3.0	46
22	COMPETITION, FACILITATION, AND COMPENSATION FOR INSECT HERBIVORY IN AN ANNUAL SALT MARSH FORB. Ecology, 2004, 85, 2046-2052.	3.2	37
23	Land use intensification differentially benefits alien over native predators in agricultural landscape mosaics. Diversity and Distributions, 2013, 19, 749-759.	4.1	37
24	The Effects of Crop Intensification on the Diversity of Native Pollinator Communities. Environmental Entomology, 2016, 45, 865-872.	1.4	32
25	VARIATION IN HERBIVORE-MEDIATED INDIRECT EFFECTS OF AN INVASIVE PLANT ON A NATIVE PLANT. Ecology, 2007, 88, 413-423.	3.2	27
26	Host Density Drives Spatial Variation in Parasitism of the Alfalfa Weevil,Hypera postica, Across Dryland and Irrigated Alfalfa Cropping Systems. Environmental Entomology, 2013, 42, 116-122.	1.4	19
27	Nonâ€random foodâ€web assembly at habitat edges increases connectivity and functional redundancy. Ecology, 2017, 98, 995-1005.	3.2	15
28	Host Plants of the Wheat Stem Sawfly (Hymenoptera: Cephidae). Environmental Entomology, 2017, 46, 847-854.	1.4	14
29	Effect of Previous Crop Roots on Soil Compaction in 2 Yr Rotations under a No-Tillage System. Land, 2021, 10, 202.	2.9	14
30	Effects of genotypic variation in stem solidity on parasitism of a grass-mining insect. Basic and Applied Ecology, 2012, 13, 250-259.	2.7	13
31	Using matrix population models to inform biological control management of the wheat stem sawfly, Cephus cinctus. Biological Control, 2017, 109, 27-36.	3.0	13
32	Aphid Honeydew Enhances Parasitoid Longevity to the Same Extent as a High-Quality Floral Resource: Implications for Conservation Biological Control of the Wheat Stem Sawfly (Hymenoptera: Cephidae). Journal of Economic Entomology, 2020, 113, 2022-2025.	1.8	13
33	Priority resource access mediates competitive intensity between an invasive weevil and native floral herbivores. Biological Invasions, 2011, 13, 2233-2248.	2.4	12
34	Modeling the combined impacts of host plant resistance and biological control on the population dynamics of a major pest of wheat. Pest Management Science, 2020, 76, 2818-2828.	3.4	9
35	Preliminary evaluation of the parasitoid wasp,Collyria catoptron, as a potential biological control agent against the wheat stem sawfly,Cephus cinctus, in North America. Biocontrol Science and Technology, 2016, 26, 61-71.	1.3	8
36	Quantifying Temporal Variation in the Benefits of Aphid Honeydew for Biological Control of Alfalfa Weevil (Coleoptera: Curculionidae). Environmental Entomology, 2019, 48, 141-146.	1.4	8

#	Article	IF	Citations
37	Exotic weevil invasion increases floral herbivore community density, function, and impact on a native plant. Oikos, 2012, 121, 85-94.	2.7	7
38	Effects of invasive knapweed (Centaurea stoebe subsp. micranthos) on a threatened native thistle (Cirsium pitcheri) vary with environment and life stage. Botany, 2015, 93, 543-558.	1.0	7
39	Facilitative and competitive interaction components among New England salt marsh plants. PeerJ, 2017, 5, e4049.	2.0	7
40	Unexpectedly high levels of parasitism of wheat stem sawfly larvae in postcutting diapause chambers. Canadian Entomologist, 2011, 143, 455-459.	0.8	6
41	Assessing the role of generalist predators in the biological control of alfalfa weevil (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	6
42	Do Floral Resources Benefit the Herbivorous Sawfly, Cephus cinctus (Hymenoptera: Cephidae), a Major Pest of Wheat in North America?. Journal of Economic Entomology, 2019, 112, 565-570.	1.8	5
43	Assessing phenological synchrony between the Chinese sawfly, Cephus fumipennis (Hymenoptera: Cephidae), its egg-larval parasitoid, Collyria catoptron (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 control. Canadian Entomologist, 2016, 148, 482-492.	0.8	4
44	Post-dispersal factors influence recruitment patterns but do not override the importance of seed limitation in populations of a native thistle. Oecologia, 2020, 193, 143-153.	2.0	3
45	Decoupled recovery of ecological communities after reclamation. PeerJ, 2019, 7, e7038.	2.0	3
46	Evaluating the establishment success of Microctonus aethiopoides (Hymenoptera: Braconidae), a parasitoid of the alfalfa weevil (Coleoptera: Curculionidae), across the northern Great Plains of North America. Canadian Entomologist, 2018, 150, 274-277.	0.8	2
47	Oilfield Reclamation Recovers Productivity but not Composition of Arthropod Herbivores and Predators. Environmental Entomology, 2019, 48, 299-308.	1.4	2
48	Tri-trophic interactions are resilient to large shifts in precipitation levels in a wheat agroecosystem. Agriculture, Ecosystems and Environment, 2020, 301, 106981.	5.3	2
49	Effects of Landscape Composition on Wheat Stem Sawfly (Hymenoptera: Cephidae) and Its Associated Braconid Parasitoids. Journal of Economic Entomology, 2021, 114, 72-81.	1.8	2
50	Pests associated with two brassicaceous oilseeds and a cover crop mix under evaluation as fallow replacements in dryland production systems of the northern Great Plains. Canadian Entomologist, 2022, 154, .	0.8	1