John Vandermeer

List of Publications by Year
in descending order

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168 papers	11,355 citations	44069 48 h-index	30922 102 g-index
180 all docs	180 docs citations	180 times ranked	11484 citing authors

#	Article	IF	Citations
1	Anticipating Critical Transitions. Science, 2012, 338, 344-348.	12.6	1,607
2	Global food security, biodiversity conservation and the future of agricultural intensification. Biological Conservation, 2012, 151, 53-59.	4.1	1,414
3	The agroecological matrix as alternative to the land-sparing/agriculture intensification model. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5786-5791.	7.1	516
4	Biodiversity Conservation in Tropical Agroecosystems. Annals of the New York Academy of Sciences, 2008, 1134, 173-200.	3.8	454
5	Biodiversity, yield, and shade coffee certification. Ecological Economics, 2005, 54, 435-446.	5.7	294
6	Global change and multi-species agroecosystems: Concepts and issues. Agriculture, Ecosystems and Environment, 1998, 67, 1-22.	5.3	291
7	Quality of Agroecological Matrix in a Tropical Montane Landscape: Ants in Coffee Plantations in Southern Mexico. Conservation Biology, 2002, 16, 174-182.	4.7	272
8	The Agricultural Matrix and a Future Paradigm for Conservation. Conservation Biology, 2007, 21, 274-277.	4.7	272
9	Successional dynamics in Neotropical forests are as uncertain as they are predictable. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8013-8018.	7.1	272
10	Conservation of biodiversity in coffee agroecosystems: a tri-taxa comparison in southern Mexico. Biodiversity and Conservation, 2003, 12, 1239-1252.	2.6	248
11	Metapopulation Dynamics and the Quality of the Matrix. American Naturalist, 2001, 158, 211-220.	2.1	230
12	Bats Limit Insects in a Neotropical Agroforestry System. Science, 2008, 320, 70-70.	12.6	218
13	Ecological Complexity and Pest Control in Organic Coffee Production: Uncovering an Autonomous Ecosystem Service. BioScience, 2010, 60, 527-537.	4.9	204
14	Indirect Mutualism: Variations on a Theme by Stephen Levine. American Naturalist, 1980, 116, 441-448.	2.1	180
15	Synergies between Agricultural Intensification and Climate Change Could Create Surprising Vulnerabilities for Crops. BioScience, 2008, 58, 847-854.	4.9	164
16	Arthropod biodiversity loss and the transformation of a tropical agro-ecosystem. Biodiversity and Conservation, 1997, 6, 935-945.	2.6	159
17	Comparison of Species Richness for Stream-Inhabiting Insects in Tropical and Mid-Latitude Streams. American Naturalist, 1975, 109, 263-280.	2.1	149
18	Enigmatic Biodiversity Correlations: Ant Diversity Responds to Diverse Resources. Science, 2004, 304, 284-286.	12.6	147

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19	Hurricane Disturbance and Tropical Tree Species Diversity. Science, 2000, 290, 788-791.	12.6	138
20	Choosing category size in a stage projection matrix. Oecologia, 1978, 32, 79-84.	2.0	126
21	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	4.1	122
22	Neotropical Forest Conservation, Agricultural Intensification, and Rural Out-migration: The Mexican Experience. BioScience, 2009, 59, 863-873.	4.9	119
23	The Agroecosystem: A Need for the Conservation Biologist's Lens. Conservation Biology, 1997, 11, 591-592.	4.7	115
24	Clusters of ant colonies and robust criticality in a tropical agroecosystem. Nature, 2008, 451, 457-459.	27.8	114
25	The Big Rust and the Red Queen: Long-Term Perspectives on Coffee Rust Research. Phytopathology, 2015, 105, 1164-1173.	2.2	104
26	Evidence for hyperparasitism of coffee rust (<i>Hemileia vastatrix</i>) by the entomogenous fungus, <i>Lecanicillium lecanii</i>, through a complex ecological web. Plant Pathology, 2009, 58, 636-641.	2.4	97
27	Complex Ecological Interactions in the Coffee Agroecosystem. Annual Review of Ecology, Evolution, and Systematics, 2014, 45, 137-158.	8.3	89
28	Omnivory and the stability of food webs. Journal of Theoretical Biology, 2006, 238, 497-504.	1.7	88
29	Title is missing!. Agroforestry Systems, 2002, 56, 271-276.	2.0	87
30	The effect of an ant-hemipteran mutualism on the coffee berry borer (Hypothenemus hampei) in southern Mexico. Agriculture, Ecosystems and Environment, 2006, 117, 218-221.	5.3	85
31	The Interference Production Principle: An Ecological Theory for Agriculture. BioScience, 1981, 31, 361-364.	4.9	84
32	Post-Agricultural Succession in El Peten, Guatemala. Conservation Biology, 2003, 17, 818-828.	4.7	82
33	Food sovereignty: an alternative paradigm for poverty reduction and biodiversity conservation in Latin America. F1000Research, 2013, 2, 235.	1.6	81
34	Loose Coupling of Predator-Prey Cycles: Entrainment, Chaos, and Intermittency in the Classic Macarthur Consumer-Resource Equations. American Naturalist, 1993, 141, 687-716.	2.1	78
35	Dispersal-induced desynchronization: from metapopulations to metacommunities. Ecology Letters, 2004, 8, 167-175.	6.4	76
36	SPATIAL PATTERN AND ECOLOGICAL PROCESS IN THE COFFEE AGROFORESTRY SYSTEM. Ecology, 2008, 89, 915-920.	3.2	69

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37	Coupled Oscillations in Food Webs: Balancing Competition and Mutualism in Simple Ecological Models. American Naturalist, 2004, 163, 857-867.	2.1	65
38	Indirect biological control of the coffee leaf rust, Hemileia vastatrix, by the entomogenous fungus Lecanicillium lecanii in a complex coffee agroecosystem. Biological Control, 2012, 61, 89-97.	3.0	64
39	Categories of chaos and fractal basin boundaries in forced predatorâ€“prey models. Chaos, Solitons and Fractals, 2001, 12, 265-276.	5.1	63
40	Effects of Management Intensity and Season on Arboreal Ant Diversity and Abundance in Coffee Agroecosystems. Biodiversity and Conservation, 2006, 15, 139-155.	2.6	63
41	Oscillating Populations and Biodiversity Maintenance. BioScience, 2006, 56, 967.	4.9	62
42	MULTIPLE BASINS OF ATTRACTION IN A TROPICAL FOREST: EVIDENCE FOR NONEQUILIBRIUM COMMUNITY STRUCTURE. Ecology, 2004, 85, 575-579.	3.2	61
43	Ants defend coffee from berry borer colonization. BioControl, 2013, 58, 815-820.	2.0	60
44	BASIN BOUNDARY COLLISION AS A MODEL OF DISCONTINUOUS CHANGE IN ECOSYSTEMS. Ecology, 1999, 80, 1817-1827.	3.2	55
45	Ecological Networks over the Edge: Hypergraph Trait-Mediated Indirect Interaction (TMII) Structure. Trends in Ecology and Evolution, 2016, 31, 344-354.	8.7	54
46	Identification of Putative Coffee Rust Mycoparasites via Single-Molecule DNA Sequencing of Infected Pustules. Applied and Environmental Microbiology, 2016, 82, 631-639.	3.1	54
47	Increased competition may promote species coexistence. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8731-8736.	7.1	53
48	Taking trophic cascades up a level: behaviorally-modified effects of phorid flies on ants and ant prey in coffee agroecosystems. Oikos, 2004, 105, 141-147.	2.7	53
49	Three years of ingrowth following catastrophic hurricane damage on the Caribbean coast of Nicaragua: evidence in support of the direct regeneration hypothesis. Journal of Tropical Ecology, 1995, 11, 465-471.	1.1	52
50	Plant competition and the yield-density relationship. Journal of Theoretical Biology, 1984, 109, 393-399.	1.7	51
51	A Theory of Disturbance and Species Diversity: Evidence from Nicaragua After Hurricane Joan. Biotropica, 1996, 28, 600.	1.6	51
52	Self-organized spatial pattern determines biodiversity in spatial competition. Journal of Theoretical Biology, 2012, 300, 48-56.	1.7	48
53	A Keystone Mutualism Drives Pattern in a Power Function. Science, 2006, 311, 1000-1002.	12.6	47
54	The Future of Farming and Conservation. Science, 2005, 308, 1257b-1258b.	12.6	45

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55	A Keystone Ant Species Provides Robust Biological Control of the Coffee Berry Borer Under Varying Pest Densities. PLoS ONE, 2015, 10, e0142850.	2.5	45
56	Distribution and Turnover Rate of a Population of Atta cephalotes in a Tropical Rain Forest in Costa Rica. Biotropica, 1993, 25, 316.	1.6	43
57	Growth Rates of Tree Height Six Years after Hurricane Damage at Four Localities in Eastern Nicaragua1. Biotropica, 1998, 30, 502-509.	1.6	39
58	Coffee Landscapes Shaping the Anthropocene. Current Anthropology, 2019, 60, S236-S250.	1.6	38
59	Indirect and difuse interactions: Complicated cycles in a population embedded in a large community. Journal of Theoretical Biology, 1990, 142, 429-442.	1.7	33
60	<i>Hypothenemus hampei</i>(Coleoptera: Curculionidae) and its Interactions With<i>Azteca instabilis</i>and<i>Pheidole synanthropica</i>(Hymenoptera: Formicidae) in a Shade Coffee Agroecosystem. Environmental Entomology, 2013, 42, 915-924.	1.4	33
61	Qualitative Dynamics of the Coffee Rust Epidemic: Educating Intuition with Theoretical Ecology. BioScience, 2014, 64, 210-218.	4.9	33
62	Period â€˜bubblingâ€™ in simple ecological models: Pattern and chaos formation in a quartic model. Ecological Modelling, 1997, 95, 311-317.	2.5	32
63	Spatial Scale and Density Dependence in a Host Parasitoid System: An Arboreal Ant,Azteca instabilis, and ItsPseudacteonPhorid Parasitoid. Environmental Entomology, 2009, 38, 790-796.	1.4	32
64	Gypsy Moth Defoliation of Oak Trees and a Positive Response of Red Maple and Black Cherry: An Example of Indirect Interaction. American Midland Naturalist, 2004, 152, 231-236.	0.4	31
65	Wada basins and qualitative unpredictability in ecological models: a graphical interpretation. Ecological Modelling, 2004, 176, 65-74.	2.5	29
66	Propagating sinks, ephemeral sources and percolating mosaics: conservation in landscapes. Landscape Ecology, 2010, 25, 509-518.	4.2	29
67	Intransitive loops in ecosystem models: From stable foci to heteroclinic cycles. Ecological Complexity, 2011, 8, 92-97.	2.9	29
68	The Community Ecology of Herbivore Regulation in an Agroecosystem: Lessons from Complex Systems. BioScience, 2019, 69, 974-996.	4.9	29
69	Contrasting Growth Rate Patterns in Eighteen Tree Species From a Post-Hurricane Forest in Nicaragua1. Biotropica, 1997, 29, 151-161.	1.6	27
70	Height dynamics of the thinning canopy of a tropical rain forest: 14 years of succession in a post-hurricane forest in Nicaragua. Forest Ecology and Management, 2004, 199, 125-135.	3.2	27
71	Ecological Complexity in a Coffee Agroecosystem: Spatial Heterogeneity, Population Persistence and Biological Control. PLoS ONE, 2012, 7, e45508.	2.5	26
72	Competitive coexistence through intermediate polyphagy. Ecological Complexity, 2006, 3, 37-43.	2.9	25

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73	Aboveground Biomass Accumulation in a Tropical Wet Forest in Nicaragua Following a Catastrophic Hurricane Disturbance1. Biotropica, 2005, 37, 600-608.	1.6	24
74	Parasitoid wasps benefit from shade tree size and landscape complexity in Mexican coffee agroecosystems. Agriculture, Ecosystems and Environment, 2015, 206, 21-32.	5.3	24
75	Distribution of biomass dynamics in relation to tree size in forests across the world. New Phytologist, 2022, 234, 1664-1677.	7.3	24
76	An experiment in intercropping cucumbers and tomatoes in Southern Michigan, U.S.A.. Scientia Horticulturae, 1982, 18, 1-8.	3.6	22
77	Effects of Plant Diversity and Density on the Emigration Rate of Two Ground Beetles, Harpalus pennsylvanicus and Evarthrus sodalis (Coleoptera: Carabidae), in a System of Tomatoes and Beans. Environmental Entomology, 1986, 15, 1028-1031.	1.4	22
78	Indirect Effects with a Keystone Predator: Coexistence and Chaos. Theoretical Population Biology, 1998, 54, 38-43.	1.1	22
79	Growth and development of the thinning canopy in a post-hurricane tropical rain forest in Nicaragua. Forest Ecology and Management, 2001, 148, 221-242.	3.2	22
80	Response of Coffee Farms to Hurricane Maria: Resistance and Resilience from an Extreme Climatic Event. Scientific Reports, 2019, 9, 15668.	3.3	21
81	Mutualisms and Population Regulation: Mechanism Matters. PLoS ONE, 2012, 7, e43510.	2.5	21
82	Discovery Dominance Tradeoff: the Case of<i>Pheidole Subarmata</i>and<i>Solenopsis Geminata</i>(Hymenoptera: Formicidae) in Neotropical Pastures. Environmental Entomology, 2011, 40, 999-1006.	1.4	20
83	The dynamics of the coffee rust disease: an epidemiological approach using network theory. European Journal of Plant Pathology, 2018, 150, 1001-1010.	1.7	20
84	Hysteresis and critical transitions in a coffee agroecosystem. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15074-15079.	7.1	20
85	Ecological Complexity and Agroecology. , 0, , .		20
86	Syndromes of Production: an Emergent Property of Simple Agroecosystem Dynamics. Journal of Environmental Management, 1997, 51, 59-72.	7.8	19
87	Maximizing crop yield in alley crops. Agroforestry Systems, 1998, 40, 199-206.	2.0	19
88	Complex Traditions: Intersecting Theoretical Frameworks in Agroecological Research. Agroecology and Sustainable Food Systems, 0, , 120911083004002.	0.9	19
89	Spatial and Temporal Dynamics of a Fungal Pathogen Promote Pattern Formation in a Tropical Agroecosystem. Open Ecology Journal, 2009, 2, 62-73.	2.0	19
90	Prophylactic and Responsive Components of an Integrated Pest Management Program. Journal of Economic Entomology, 1986, 79, 299-302.	1.8	18

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91	An epidemiological model of the corn stunt system in Central America. Ecological Modelling, 1990, 52, 235-248.	2.5	16
92	Contributions to the global analysis of 3-D Lotka-Volterra equations: Dynamic boundedness and indirect interactions in the case of one predator and two prey. Journal of Theoretical Biology, 1991, 148, 545-561.	1.7	16
93	Ant Assemblage on a Coffee Farm: Spatial Mosaic Versus Shifting Patchwork. Environmental Entomology, 2013, 42, 38-48.	1.4	16
94	The importance of matrix quality in fragmented landscapes: Understanding ecosystem collapse through a combination of deterministic and stochastic forces. Ecological Complexity, 2008, 5, 222-227.	2.9	15
95	Wildlifeâ€friendly farming vs land sparing. Frontiers in Ecology and the Environment, 2009, 7, 183-184.	4.0	15
96	Anolis lizards as biocontrol agents in mainland and island agroecosystems. Ecology and Evolution, 2017, 7, 2193-2203.	1.9	15
97	Ecological complexity and contingency: Ants and lizards affect biological control of the coffee leaf miner in Puerto Rico. Agriculture, Ecosystems and Environment, 2021, 305, 107104.	5.3	14
98	The Interpretation and Design of Intercrop Systems Involving Environmental Modification by One of the Components: A Theoretical Framework. Biological Agriculture and Horticulture, 1984, 2, 135-156.	1.0	13
99	Disturbance and neutral competition theory in rain forest dynamics. Ecological Modelling, 1996, 85, 99-111.	2.5	13
100	Frugivory by five bird species in agroforest home gardens of Pontal do Paranapanema, Brazil. Agroforestry Systems, 2011, 82, 239-246.	2.0	13
101	Structural constraints on novel ecosystems in agriculture: The rapid emergence of stereotypic modules. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 522-530.	2.7	13
102	Ecological complexity and agroecosystems: seven themes from theory. Agroecology and Sustainable Food Systems, 2017, 41, 697-722.	1.9	13
103	A Computer-based Technique for Rapidly Screening Intercropping Designs. Experimental Agriculture, 1986, 22, 215-232.	0.9	12
104	Management of insect pests and weeds. Agriculture and Human Values, 1993, 10, 9-15.	3.0	12
105	Impact of Regionally Distinct Agroecosystem Communities on the Potential for Autonomous Control of the Coffee Leaf Rust. Environmental Entomology, 2016, 45, 1521-1526.	1.4	12
106	Observations of Paramecium Occupying Arboreal Standing Water in Costa Rica. Ecology, 1972, 53, 291-293.	3.2	11
107	The niche construction paradigm in ecological time. Ecological Modelling, 2008, 214, 385-390.	2.5	11
108	Selfâ€organization of background habitat determines the nature of population spatial structure. Oikos, 2014, 123, 751-761.	2.7	11

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109	Azteca chess: Gamifying a complex ecological process of autonomous pest control in shade coffee. Agriculture, Ecosystems and Environment, 2016, 232, 190-198.	5.3	11
110	Differential effects of ants as biological control of the coffee berry borer in Puerto Rico. Biological Control, 2021, 160, 104666.	3.0	11
111	The qualitative behavior of coupled predator-prey oscillations as deduced from simple circle maps. Ecological Modelling, 1994, 73, 135-148.	2.5	10
112	Fragmenting forests: the double edge of effective forest monitoring. Environmental Science and Policy, 2012, 16, 20-30.	4.9	10
113	Scale and strength of oakâ€“mesophyte interactions in a transitional oakâ€“hickory forest. Canadian Journal of Forest Research, 2018, 48, 1366-1372.	1.7	10
114	The assembly and importance of a novel ecosystem: The ant community of coffee farms in Puerto Rico. Ecology and Evolution, 2020, 10, 12650-12662.	1.9	10
115	Insights from excrement: invasive gastropods shift diet to consume the coffee leaf rust and its mycoparasite. Ecology, 2020, 101, e02966.	3.2	10
116	Cuba and the dilemma of modern agriculture. Agriculture and Human Values, 1993, 10, 3-8.	3.0	9
117	Models of coupled population oscillators using 1-D maps. Journal of Mathematical Biology, 1998, 37, 178-202.	1.9	9
118	Effect of Habitat Fragmentation on Gypsy Moth (Lymantria dispar L.) Dispersal: The Quality of the Matrix. American Midland Naturalist, 2001, 145, 188-193.	0.4	9
119	Colony Development and Reproductive Success of Bumblebees in an Urban Gradient. Sustainability, 2018, 10, 1936.	3.2	9
120	New forms of structure in ecosystems revealed with the Kuramoto model. Royal Society Open Science, 2021, 8, 210122.	2.4	9
121	The inevitability of surprise in agroecosystems. Ecological Complexity, 2011, 8, 377-382.	2.9	8
122	Population Responses to Environmental Change in a Tropical Ant: The Interaction of Spatial and Temporal Dynamics. PLoS ONE, 2014, 9, e97809.	2.5	8
123	Stabilizing intransitive loops: selfâ€organized spatial structure and disjoint time frames in the coffee agroecosystem. Ecosphere, 2018, 9, e02489.	2.2	8
124	Ecological complexity in the Rosennean framework. Ecological Complexity, 2018, 35, 45-50.	2.9	7
125	High-order interactions maintain or enhance structural robustness of a coffee agroecosystem network. Ecological Complexity, 2021, 47, 100951.	2.9	7
126	Endogenous spatial pattern formation from two intersecting ecological mechanisms: the dynamic coexistence of two noxious invasive ant species in Puerto Rico. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202214.	2.6	7

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127	When are habitat patches really islands?. Forest Ecology and Management, 2009, 258, 2033-2036.	3.2	6
128	Consequential classes of resources: Subtle global bifurcation with dramatic ecological consequences in a simple population model. Journal of Theoretical Biology, 2010, 263, 237-241.	1.7	6
129	Reduction of species coexistence through mixing in a spatial competition model. Theoretical Ecology, 2017, 10, 443-450.	1.0	6
130	Multiple hysteretic patterns from elementary population models. Theoretical Ecology, 2018, 11, 433-439.	1.0	6
131	Syndromes of production and tree-cover dynamics of Neotropical grazing land. Agroecology and Sustainable Food Systems, 2019, 43, 362-385.	1.9	6
132	Tree Management and Balancing Process Among Panamanian Farmers. Small-Scale Forestry, 2020, 19, 541-563.	1.7	6
133	Confronting Complexity in Agroecology: Simple Models From Turing to Simon. Frontiers in Sustainable Food Systems, 2020, 4, .	3.9	6
134	Emergent spatial structure and pathogen epidemics: the influence of management and stochasticity in agroecosystems. Ecological Complexity, 2021, 45, 100872.	2.9	6
135	Tree Effects on Coffee Leaf Rust at Field and Landscape Scales. Plant Disease, 2023, 107, 247-261.	1.4	6
136	Effects of predation pressure on species packing on a resource gradient: insights from nonlinear dynamics. Theoretical Population Biology, 2006, 69, 395-408.	1.1	5
137	Forcing by rare species and intransitive loops creates distinct bouts of extinction events conditioned by spatial pattern in competition communities. Theoretical Ecology, 2013, 6, 395-404.	1.0	5
138	Stageâ€dependent responses to emergent habitat heterogeneity: consequences for a predatory insect population in a coffee agroecosystem. Ecology and Evolution, 2014, 4, 3201-3209.	1.9	5
139	Huffaker revisited: spatial heterogeneity and the coupling of ineffective agents in biological control. Ecosphere, 2018, 9, e02299.	2.2	5
140	Viewing communities as coupled oscillators: elementary forms from Lotka and Volterra to Kuramoto. Theoretical Ecology, 2021, 14, 247-254.	1.0	5
141	Antagonism between Anolis spp. and Wasmannia auropunctata in coffee farms on Puerto Rico: Potential complications of biological control of the coffee berry borer. Caribbean Journal of Science, 2020, 50, 43.	0.3	5
142	A Further Note on Community Models. American Naturalist, 1981, 117, 379-380.	2.1	4
143	Overyielding in a Corn-Cowpea System in Southern Mexico. Biological Agriculture and Horticulture, 1983, 1, 83-96.	1.0	4
144	An ecologically-based approach to the design of intercrop agroecosystems: An intercropping system of soybeans and tomatoes in Southern Michigan. Ecological Modelling, 1984, 25, 121-150.	2.5	4

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145	Notes on Agroecosystem Complexity: Chaotic Price and Production Trajectories Deducible from Simple One-Dimensional Maps. Biological Agriculture and Horticulture, 1990, 6, 293-304.	1.0	4
146	Emissions from cattle farming in Brazil. Nature Climate Change, 2016, 6, 893-894.	18.8	4
147	Species complementarity in two myrmecophilous lady beetle species in a coffee agroecosystem: implications for biological control. BioControl, 2018, 63, 253-264.	2.0	4
148	Coffee plantations, hurricanes and avian resiliency: insights from occupancy, and local colonization and extinction rates in Puerto Rico. Global Ecology and Conservation, 2021, 27, e01579.	2.1	4
149	Changes in partner traits drive variation in plantâ€"nectar robber interactions across habitats. Basic and Applied Ecology, 2021, 53, 1-11.	2.7	4
150	19 The diverse faces of ecosystem engineers in agroecosystems. Theoretical Ecology Series, 2007, 4, 367-385.	0.2	3
151	Stageâ€structured ontogeny in resource populations generates nonâ€additive stabilizing and deâ€stabilizing forces in populations and communities. Oikos, 2021, 130, 1116.	2.7	3
152	Migration as a Factor in the Community Structure of a Macroarthropod Litter Fauna. American Naturalist, 1980, 115, 606-612.	2.1	3
153	The political ecology of deforestation in Central America. Science As Culture, 1998, 7, 519-555.	3.2	2
154	Ecological resilience in the face of catastrophic damage: The case of Hurricane Maria in Puerto Rico. Natural Resource Modelling, 2017, 30, e12149.	2.0	2
155	The meta-Allee effect: A generalization from intermittent metapopulations. Ecological Complexity, 2021, 46, 100912.	2.9	2
156	Antâ€™s choice: The effect of nutrients on a key antâ€"hemipteran mutualism. Arthropod-Plant Interactions, 2021, 15, 545.	1.1	2
157	A tropical lady beetle, Diomus lupusapudoves (Coleoptera: Coccinellidae), deceives potential enemies to predate an ant-protected coffee pest through putative chemical mimicry. International Journal of Tropical Insect Science, 2022, 42, 947-953.	1.0	2
158	Effects of management intensity and season on arboreal ant diversity and abundance in coffee agroecosystems. , 2006, , 125-141.		2
159	Growth and mortality patterns in a thinning canopy of post-hurricane regenerating rain forest in eastern Nicaragua (1990-2005). Revista De Biologia Tropical, 2010, 58, 1283-97.	0.4	2
160	Reduced rainfall and resistant varieties mediate a critical transition in the coffee rust disease. Scientific Reports, 2022, 12, 1564.	3.3	2
161	Weak chaos, Allee points, and intermittency emerging from niche construction in population models. Theoretical Ecology, 2020, 13, 177-182.	1.0	1
162	Trophicâ€specific responses to migration in empirical metacommunities. Oikos, 2020, 129, 413-419.	2.7	1

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163	A Limited View of the Environment The Environment: Issues and Choices for Society Penelope ReVelle Charles ReVelle. BioScience, 1983, 33, 222-222.	4.9	0
164	Chaos in Ecology: Experimental Nonlinear Dynamics. Theoretical Ecology Series. By JÂMÂ Cushing, , RÂFÂ Costantino, , BrianÂ Dennis, , RobertÂAÂ Desharnais, and , ShandelleÂMÂ Henson. Academic Press. Amsterdam and Boston (Massachusetts): Elsevier Science. $65.00. xiv + 225 p; ill.; index. ISBN: 0â€"12â€"198876â€"7. 2003.. Quarterly Review of Biology, 2004, 79, 104-106.	0.1	0
165	Potential for and consequences of naturalized Bt products: Qualitative dynamics from indirect intransitivities. Ecological Modelling, 2015, 299, 121-129.	2.5	0
166	Can Conflicting Selection from Pollinators and Nectar-Robbing Antagonists Drive Adaptive Pollen Limitation? A Conceptual Model and Empirical Test. American Naturalist, 2021, 198, 576-589.	2.1	0
167	Community Structure and the Niche. Outline Studies in Ecology. Paul S. Giller , George M. Dunnet , Charles H. Gimingham. Quarterly Review of Biology, 1985, 60, 531-532.	0.1	0
168	The Ecology of Tropical Food Crops.M. J. T. Norman , C. J. Pearson , P. G. E. Searle. Quarterly Review of Biology, 1986, 61, 109-110.	0.1	0