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The body size dependence of trophic cascades

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American Naturalist, 2015, 185, 354-66.

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#	Paper	IF	Citations
100	Ecosystem-level effects of a globally spreading invertebrate invader are not moderated by a functionally similar native. <i>Journal of Animal Ecology</i> , 2015 , 84, 1628-36	4.7	12
99	Spatial patterns and predictors of trophic control in marine ecosystems. <i>Ecology Letters</i> , 2015 , 18, 1001-10	11.5	40
98	Uncertainty principle in niche assessment: A solution to the dilemma redundancy vs. competitive exclusion, and some analytical consequences. <i>Ecological Modelling</i> , 2015 , 316, 87-110	3	15
97	Environmental stress mediates trophic cascade strength and resistance to invasion. <i>Ecosphere</i> , 2016 , 7, e01247	3.1	13
96	Crossing regimes of temperature dependence in animal movement. <i>Global Change Biology</i> , 2016 , 22, 1722-36	11.4	27
95	Morphological drivers of trophic cascades. <i>Oikos</i> , 2016 , 125, 1193-1202	4	12
94	Predators catalyze an increase in chloroviruses by foraging on the symbiotic hosts of zoochlorellae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13780-13784	11.5	9
93	Including trait-based early warning signals helps predict population collapse. <i>Nature Communications</i> , 2016 , 7, 10984	17.4	60
92	Gillespie eco-evolutionary models (GEMs) reveal the role of heritable trait variation in eco-evolutionary dynamics. <i>Ecology and Evolution</i> , 2016 , 6, 935-45	2.8	19
91	Host-parasite ecology, behavior and genetics: a review of the introduced fly parasite <i>Philornis downsi</i> and its Darwin finch hosts. <i>BMC Zoology</i> , 2016 , 1,	1.8	64
90	Animal diversity and ecosystem functioning in dynamic food webs. <i>Nature Communications</i> , 2016 , 7, 12718	11.4	71
89	Geographical distribution patterns of <i>Carcharocles megalodon</i> over time reveal clues about extinction mechanisms. <i>Journal of Biogeography</i> , 2016 , 43, 1645-1655	4.1	48
88	Predator driven changes in prey size distribution stabilize secondary production in lacustrine food webs. <i>Limnology and Oceanography</i> , 2017 , 62, 592-605	4.8	14
87	Protection of large predators in a marine reserve alters size-dependent prey mortality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	27
86	Ecological Pleiotropy Suppresses the Dynamic Feedback Generated by a Rapidly Changing Trait. <i>American Naturalist</i> , 2017 , 189, 592-597	3.7	7
85	Compensation masks trophic cascades in complex food webs. <i>Theoretical Ecology</i> , 2017 , 10, 245-253	1.6	9
84	Shallow size-density relations within mammal clades suggest greater intra-guild ecological impact of large-bodied species. <i>Journal of Animal Ecology</i> , 2017 , 86, 1205-1213	4.7	17

83	Warming-Induced Changes to Body Size Stabilize Consumer-Resource Dynamics. <i>American Naturalist</i> , 2017 , 189, 718-725	3.7	20
82	Phenotypic variation explains food web structural patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11187-11192	11.5	28
81	Body size, body size ratio, and prey type influence the functional response of damselfly nymphs. <i>Oecologia</i> , 2017 , 185, 339-346	2.9	19
80	Climate-driven changes in functional biogeography of Arctic marine fish communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12202-12207	11.5	123
79	A cross-scale trophic cascade from large predatory fish to algae in coastal ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	41
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77	The ecological consequences of environmentally induced phenotypic changes. <i>Ecology Letters</i> , 2017 , 20, 997-1003	10	12
76	Fishing degrades size structure of coral reef fish communities. <i>Global Change Biology</i> , 2017 , 23, 1009-1022.	11.4	52
75	Indicators of transitions in biological systems. <i>Ecology Letters</i> , 2018 , 21, 905-919	10	55
74	The role of mobile consumers in lake nutrient cycles: a brief review. <i>Hydrobiologia</i> , 2018 , 818, 11-29	2.4	4
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71	Condition-dependent foraging in the wolf spider <i>Hogna baltimoriana</i> . <i>Food Webs</i> , 2018 , 14, 5-8	1.8	5
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65	Omnivory does not preclude strong trophic cascades. <i>Ecosphere</i> , 2019 , 10, e02800	3.1	2
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57	Larger Area Facilitates Richness-Function Effects in Experimental Microcosms. <i>American Naturalist</i> , 2019 , 193, 738-747	3.7	3
56	Biogeographic context dependence of trophic cascade strength in bromeliad food webs. <i>Ecology</i> , 2019 , 100, e02692	4.6	1
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50	Exploring individual and population eco-evolutionary feedbacks under the coupled effects of fishing and predation. <i>Fisheries Research</i> , 2020 , 231, 105713	2.3	3
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47	Trophic cascades alter eco-evolutionary dynamics and body size evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20200526	4.4	2
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