Michal Bogdziewicz

List of Publications by Year
in descending order

69	1,871	218677	315739
papers	citations	26 h-index	38 g-index

78	78	78	1506
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How will global change affect plant reproduction? A framework for mast seeding trends. New Phytologist, 2022, 234, 14-20.	7.3	25
2	Costs and benefits of masting: economies of scale are not reduced by negative densityâ€dependence in seedling survival in Sorbus aucuparia. New Phytologist, 2022, 233, 1931-1938.	7.3	11
3	Avian dispersal of an invasive oak is modulated by acorn traits and the presence of a native oak. Forest Ecology and Management, 2022, 505, 119866.	3.2	7
4	North American tree migration paced by climate in the West, lagging in the East. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	27
5	MASTREE+: Timeâ€series of plant reproductive effort from six continents. Global Change Biology, 2022, 28, 3066-3082.	9.5	19
6	Global patterns in the predator satiation effect of masting: A meta-analysis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2105655119.	7.1	29
7	Emerging infectious disease triggered a trophic cascade and enhanced recruitment of a masting tree. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212636.	2.6	4
8	Herbivory on the pedunculate oak along an urbanization gradient in Europe: Effects of impervious surface, local tree cover, and insect feeding guild. Ecology and Evolution, 2022, 12, e8709.	1.9	8
9	Globally, tree fecundity exceeds productivity gradients. Ecology Letters, 2022, 25, 1471-1482.	6.4	11
10	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. Nature Communications, 2022, 13, 2381.	12.8	21
11	Masting increases seedling recruitment near and far: Predator satiation and improved dispersal in a fleshyâ€fruited tree. Journal of Ecology, 2022, 110, 2321-2331.	4.0	7
12	Seed predation selects for reproductive variability and synchrony in perennial plants. New Phytologist, 2021, 229, 2357-2364.	7.3	27
13	Continent-wide tree fecundity driven by indirect climate effects. Nature Communications, 2021, 12, 1242.	12.8	46
14	Leaf phenology correlates with fruit production in European beech (Fagus sylvatica) and in temperate oaks (Quercus robur and Quercus petraea). European Journal of Forest Research, 2021, 140, 733-744.	2.5	8
15	Climate warming causes mast seeding to break down by reducing sensitivity to weather cues. Global Change Biology, 2021, 27, 1952-1961.	9.5	29
16	Seed predator effects on plants: Moving beyond timeâ€corrected proxies. Ecology Letters, 2021, 24, 1526-1529.	6.4	0
17	Nutrients control reproductive traits of hygrophytic bryophytes. Freshwater Biology, 2021, 66, 1436-1446.	2.4	1
18	Environmental variation drives continentalâ€scale synchrony of European beech reproduction. Ecology, 2021, 102, e03384.	3.2	19

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19	Is there tree senescence? The fecundity evidence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	42
20	Microsite-specific 25-year mortality of Norway spruce saplings. Forest Ecology and Management, 2021, 498, 119572.	3.2	1
21	The ecology and evolution of synchronized reproduction in long-lived plants. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200369.	4.0	36
22	Macroevolutionary consequences of mast seeding. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200372.	4.0	11
23	Climate change and plant reproduction: trends and drivers of mast seeding change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200379.	4.0	33
24	Rainfall and host reproduction regulate population dynamics of a specialist seed predator. Ecological Entomology, 2020, 45, 26-35.	2.2	6
25	Do benefits of seed dispersal and caching by scatterhoarders outweigh the costs of predation? An example with oaks and yellowâ€necked mice. Journal of Ecology, 2020, 108, 1009-1018.	4.0	34
26	From theory to experiments for testing the proximate mechanisms of mast seeding: an agenda for an experimental ecology. Ecology Letters, 2020, 23, 210-220.	6.4	64
27	Climate Change Strengthens Selection for Mast Seeding in European Beech. Current Biology, 2020, 30, 3477-3483.e2.	3.9	31
28	Flowering synchrony drives reproductive success in a windâ€pollinated tree. Ecology Letters, 2020, 23, 1820-1826.	6.4	31
29	What drives phenological synchrony? Warm springs advance and desynchronize flowering in oaks. Agricultural and Forest Meteorology, 2020, 294, 108140.	4.8	12
30	On the need to evaluate costs and benefits of synzoochory for plant populations. Journal of Ecology, 2020, 108, 1784-1788.	4.0	6
31	Reply to: Nutrient scarcity cannot cause mast seeding. Nature Plants, 2020, 6, 763-765.	9.3	6
32	Does masting scale with plant size? High reproductive variability and low synchrony in small and unproductive individuals. Annals of Botany, 2020, 126, 971-979.	2.9	28
33	Seed size predicts global effects of small mammal seed predation on plant recruitment. Ecology Letters, 2020, 23, 1024-1033.	6.4	54
34	Where can palatable young trees escape herbivore pressure in a protected forest?. Forest Ecology and Management, 2020, 472, 118221.	3.2	13
35	Climate warming disrupts mast seeding and its fitness benefits in European beech. Nature Plants, 2020, 6, 88-94.	9.3	86
36	Investigating the relationship between climate, stand age, and temporal trends in masting behavior of European forest trees. Global Change Biology, 2020, 26, 1654-1667.	9.5	48

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37	Is forest fecundity resistant to drought? Results from an 18â€yr rainfallâ€reduction experiment. New Phytologist, 2020, 227, 1073-1080.	7.3	19
38	Consumerâ€mediated indirect interaction with a native plant lowers the fitness of an invasive competitor. Journal of Ecology, 2019, 107, 12-22.	4.0	23
39	The effects of local climate on the correlation between weather and seed production differ in two species with contrasting masting habit. Agricultural and Forest Meteorology, 2019, 268, 109-115.	4.8	31
40	Seabirds modify trophic groups, while altitude promotes xeric-tolerant species of Tardigrada in the high Arctic tundra (Svalbard archipelago). Acta Oecologica, 2019, 98, 50-58.	1.1	10
41	Environmental Veto Synchronizes Mast Seeding in Four Contrasting Tree Species. American Naturalist, 2019, 194, 246-259.	2.1	23
42	Fine-scale spatial heterogeneity of invertebrates within cryoconite holes. Aquatic Ecology, 2019, 53, 179-190.	1.5	11
43	Declining fruit production before death in a widely distributed tree species, Sorbus aucuparia L.. Annals of Forest Science, 2019, 76, 1.	2.0	10
44	Tolerance to seed predation mediated by seed size increases at lower latitudes in a Mediterranean oak. Annals of Botany, 2019, 123, 707-714.	2.9	10
45	Nutrient scarcity as a selective pressure for mast seeding. Nature Plants, 2019, 5, 1222-1228.	9.3	53
46	Simultaneous population fluctuations of rodents in montane forests and alpine meadows suggest indirect effects of tree masting. Journal of Mammalogy, 2018, 99, 586-595.	1.3	10
47	Correlated seed failure as an environmental veto to synchronize reproduction of masting plants. New Phytologist, 2018, 219, 98-108.	7.3	56
48	Effectiveness of predator satiation in masting oaks is negatively affected by conspecific density. Oecologia, 2018, 186, 983-993.	2.0	40
49	Invasive oaks escape preâ€dispersal insect seed predation and trap enemies in their seeds. Integrative Zoology, 2018, 13, 228-237.	2.6	25
50	Snapshot of micro-animals and associated biotic and abiotic environmental variables on the edge of the south-west Greenland ice sheet. Limnology, 2018, 19, 141-150.	1.5	26
51	Tick distribution along animal tracks: implication for preventative medicine. Annals of Agricultural and Environmental Medicine, 2018, 25, 360-363.	1.0	2
52	Rapid aggregative and reproductive responses of weevils to masting of North American oaks counteract predator satiation. Ecology, 2018, 99, 2575-2582.	3.2	30
53	The Moran effect and environmental vetoes: phenological synchrony and drought drive seed production in a Mediterranean oak. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171784.	2.6	49
54	Masting in windâ€pollinated trees: systemâ€specific roles of weather and pollination dynamics in driving seed production. Ecology, 2017, 98, 2615-2625.	3.2	60

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55	Effects of nitrogen deposition on reproduction in a masting tree: benefits of higher seed production are trumped by negative biotic interactions. Journal of Ecology, 2017, 105, 310-320.	4.0	59
56	Nature beyond Linearity: Meteorological Variability and Jensen's Inequality Can Explain Mast Seeding Behavior. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	13
57	Diet composition of the <scp>E</scp>urasian otter <scp>L</scp>utra lutra in different freshwater habitats of temperate <scp>E</scp>urope: a review and metaâ€analysis. Mammal Review, 2016, 46, 106-113.	4.8	44
58	Negative effects of density on space use of small mammals differ with the phase of the mastingâ€induced population cycle. Ecology and Evolution, 2016, 6, 8423-8430.	1.9	16
59	Beech masting modifies the response of rodents to forest management. Forest Ecology and Management, 2016, 359, 268-276.	3.2	36
60	How do vertebrates respond to mast seeding?. Oikos, 2016, 125, 300-307.	2.7	94
61	Oak acorn crop and Google search volume predict Lyme disease risk in temperate Europe. Basic and Applied Ecology, 2016, 17, 300-307.	2.7	22
62	Advantages of masting in European beech: timing of granivore satiation and benefits of seed caching support the predator dispersal hypothesis. Oecologia, 2016, 180, 749-758.	2.0	69
63	Increased temperature delays the late-season phenology of multivoltine insect. Scientific Reports, 2016, 6, 38022.	3.3	18
64	Sex differences in flea infections among rodent hosts: is there a male bias?. Parasitology Research, 2015, 114, 337-341.	1.6	26
65	It is raining mice and voles: which weather conditions influence the activity of Apodemus flavicollis and Myodes glareolus?. European Journal of Wildlife Research, 2015, 61, 475-478.	1.4	35
66	Responses of small mammals to clear-cutting in temperate and boreal forests of Europe: a meta-analysis and review. European Journal of Forest Research, 2014, 133, 1-11.	2.5	45
67	Differentiation of flea communities infesting small mammals across selected habitats of the Baltic coast, central lowlands, and southern mountains of Poland. Parasitology Research, 2014, 113, 1725-1734.	1.6	9
68	Diet of the American minkNeovison visonin an agricultural landscape in western Poland. Folia Zoologica, 2013, 62, 304-310.	0.9	12
69	Maladaptive host choice by an alien leaf miner Phyllonorycter leucographella (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 318-325.	1.2	0