Jessica R K Forrest

List of Publications by Year in descending order

42 papers	2,453 citations	331670 21 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	3377 citing authors

#	Article	IF	Citations
1	Toward a synthetic understanding of the role of phenology in ecology and evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 3101-3112.	4.0	526
2	Complex responses of insect phenology to climate change. Current Opinion in Insect Science, 2016, 17, 49-54.	4.4	238
3	An examination of synchrony between insect emergence and flowering in Rocky Mountain meadows. Ecological Monographs, 2011, 81, 469-491.	5.4	215
4	Plantâ€“pollinator interactions and phenological change: what can we learn about climate impacts from experiments and observations?. Oikos, 2015, 124, 4-13.	2.7	195
5	Contrasting patterns in species and functionalâ€trait diversity of bees in an agricultural landscape. Journal of Applied Ecology, 2015, 52, 706-715.	4.0	129
6	Interactions between bee foraging and floral resource phenology shape bee populations and communities. Current Opinion in Insect Science, 2017, 21, 75-82.	4.4	123
7	Flowering phenology in subalpine meadows: Does climate variation influence community coâ€flowering patterns?. Ecology, 2010, 91, 431-440.	3.2	121
8	Emergence of a mid-season period of low floral resources in a montane meadow ecosystem associated with climate change. Journal of Ecology, 2011, 99, 905-913.	4.0	118
9	Explaining the apparent paradox of persistent selection for early flowering. New Phytologist, 2017, 215, 929-934.	7.3	79
10	Defence compounds in pollen: why do they occur and how do they affect the ecology and evolution of bees?. New Phytologist, 2020, 225, 1053-1064.	7.3	60
11	Consequences of variation in flowering time within and among individuals of Mertensia fusiformis (Boraginaceae), an early spring wildflower. American Journal of Botany, 2010, 97, 38-48.	1.7	49
12	Pollination by wild bees yields larger strawberries than pollination by honey bees. Journal of Applied Ecology, 2019, 56, 824-832.	4.0	49
13	Background complexity affects colour preference in bumblebees. Die Naturwissenschaften, 2009, 96, 921-925.	1.6	42
14	Asteraceae Pollen Provisions Protect Osmia Mason Bees (Hymenoptera: Megachilidae) from Brood Parasitism. American Naturalist, 2016, 187, 797-803.	2.1	42
15	Plant Size, Sexual Selection, and the Evolution of Protandry in Dioecious Plants. American Naturalist, 2014, 184, 338-351.	2.1	40
16	Two-Year Bee, or Not Two-Year Bee? How Voltinism Is Affected by Temperature and Season Length in a High-Elevation Solitary Bee. American Naturalist, 2019, 193, 560-574.	2.1	38
17	Direct benefits and indirect costs of warm temperatures for highâ€elevation populations of a solitary bee. Ecology, 2017, 98, 359-369.	3.2	34
18	Pollinator experience, neophobia and the evolution of flowering time. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 935-943.	2.6	33

#	Article	IF	Citations
19	Seasonal change in a pollinator community and the maintenance of style length variation in Mertensia fusiformis (Boraginaceae). Annals of Botany, 2011, 108, 1-12.	2.9	26
20	Bee- to bird-pollination shifts in Penstemon: effects of floral-lip removal and corolla constriction on the preferences of free-foraging bumble bees. Evolutionary Ecology, 2015, 29, 341-354.	1.2	24
21	Withinâ€plant variation in reproductive investment: consequences for selection on flowering time. Journal of Evolutionary Biology, 2015, 28, 65-79.	1.7	23
22	How do sunflower pollen mixtures affect survival of queenless microcolonies of bumblebees (Bombus impatiens)?. Arthropod-Plant Interactions, 2019, 13, 517-529.	1.1	23
23	Pesticide-induced disturbances of bee gut microbiotas. FEMS Microbiology Reviews, 2022, 46, .	8.6	23
24	Immigration and zooplankton community responses to nutrient enrichment: a mesocosm experiment. Oecologia, 2006, 150, 119-131.	2.0	21
25	Pollen limitation and cleistogamy in subalpine Viola praemorsa. Botany, 2008, 86, 511-519.	1.0	19
26	Nesting aggregation as a predictor of brood parasitism in mason bees (Osmia spp.). Ecological Entomology, 2018, 43, 182-191.	2.2	16
27	Seasonality of floral resources in relation to bee activity in agroecosystems. Ecology and Evolution, 2021, 11, 3130-3147.	1.9	16
28	Variability and predictability in a zooplankton community: The roles of disturbance and dispersal. Ecoscience, 2007, 14, 137-145.	1.4	12
29	Foliage affects colour preference in bumblebees (Bombus impatiens): a test in a three-dimensional artificial environment. Evolutionary Ecology, 2017, 31, 435-446.	1.2	12
30	Small wild bee abundance declines with distance into strawberry crops regardless of field margin habitat. Basic and Applied Ecology, 2020, 44, 14-23.	2.7	12
31	A new species of Elachiptera Macquart from the GalÃ¡pagos Islands, Ecuador, and the taxonomic status of Ceratobarys Coquillett (Diptera: Chloropidae). Zootaxa, 2002, 98, 1.	0.5	11
32	On the ecological significance of pollen color: a case study in American trout lily (Erythronium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	11
33	The function of floral orientation in bluebells: interactions with pollinators and rain in two species ofMertensia(Boraginaceae). Journal of Plant Ecology, 2019, 12, 113-123.	2.3	11
34	Field design can affect cross-pollination and crop yield in strawberry (Fragaria x ananassa D.). Agriculture, Ecosystems and Environment, 2020, 289, 106738.	5.3	11
35	Miteâ€y bees: bumble bees (Bombus spp., Hymenoptera: Apidae) host a relatively homogeneous mite (Acari) community, shaped by bee species identity but not by geographic proximity. Ecological Entomology, 2019, 44, 333-346.	2.2	9
36	Understanding pollen specialization in mason bees: a case study of six species. Oecologia, 2021, 195, 559-574.	2.0	9

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37	The Chloropidae (Diptera) of the GalÃ¡pagos Islands, Ecuador. Insect Systematics and Evolution, 2003, 34, 265-280.	0.7	7
38	Spring wildflower phenology and pollinator activity respond similarly to climatic variation in an eastern hardwood forest. Oecologia, 2020, 193, 475-488.	2.0	7
39	The earlier the better? Nesting timing and reproductive success in subalpine cavityâ€nesting bees. Journal of Animal Ecology, 2021, 90, 1353-1366.	2.8	4
40	Quantifying pollen deposition with macro photography and 'stigmagraphs'. Journal of Pollination Ecology, 0, 20, 13-21.	0.5	3
41	Insect pollinators of haskap (Lonicera caerulea L.: Caprifoliaceae) in subarctic Canada. Open Agriculture, 2019, 4, 676-683.	1.7	1
42	Bees: A Natural History. By Christopher Oâ€™Toole; with photographs by Edward Ross. A Peter N. NÃ©vraumont Book. Buffalo (New York): Firefly Books. $40.00. 240 p.; ill.; index. ISBN: 978-1-77085-208-2. 2013.. Quarterly Review of Biology, 2015, 90, 349-350.	0.1	0