Matthew Heard

List of Publications by Year
in descending order

21 papers	2,658 citations	394421 19 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	2952 citing authors

#	Article	IF	Citations
1	Country-specific effects of neonicotinoid pesticides on honey bees and wild bees. Science, 2017, 356, 1393-1395.	12.6	510
2	The Park Grass Experiment 1856-2006: its contribution to ecology. Journal of Ecology, 2006, 94, 801-814.	4.0	328
3	Determinants of Species Richness in the Park Grass Experiment. American Naturalist, 2005, 165, 179-192.	2.1	239
4	Responses of plants and invertebrate trophic groups to contrasting herbicide regimes in the Farm Scale Evaluations of genetically modified herbicideâ€“tolerant crops. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1899-1913.	4.0	185
5	An introduction to the Farm-Scale Evaluations of genetically modified herbicide-tolerant crops. Journal of Applied Ecology, 2003, 40, 2-16.	4.0	166
6	Weeds in fields with contrasting conventional and genetically modified herbicideâ€“tolerant crops. I. Effects on abundance and diversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1819-1832.	4.0	150
7	Bumble bee species' responses to a targeted conservation measure depend on landscape context and habitat quality. , 2011, 21, 1760-1771.		129
8	Invertebrate responses to the management of genetically modified herbicideâ€“tolerant and conventional spring crops. II. Within-field epigeal and aerial arthropods. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1863-1877.	4.0	127
9	Landscape context not patch size determines bumble-bee density on flower mixtures sown for agri-environment schemes. Biology Letters, 2007, 3, 638-641.	2.3	121
10	Invertebrate responses to the management of genetically modified herbicideâ€“tolerant and conventional spring crops. I. Soil-surface-active invertebrates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1847-1862.	4.0	114
11	On the rationale and interpretation of the Farm Scale Evaluations of genetically modified herbicide-tolerant crops. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1779-1799.	4.0	102
12	Invertebrates and vegetation of field margins adjacent to crops subject to contrasting herbicide regimes in the Farm Scale Evaluations of genetically modified herbicideâ€“tolerant crops. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1879-1898.	4.0	101
13	Crop management and agronomic context of the Farm Scale Evaluations of genetically modified herbicideâ€“tolerant crops. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1801-1818.	4.0	98
14	Weeds in fields with contrasting conventional and genetically modified herbicideâ€“tolerant crops. II. Effects on individual species. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 1833-1846.	4.0	79
15	Trade-off in ecosystem services of the Somerset Levels and Moors wetlands. Hydrological Sciences Journal, 2011, 56, 1543-1565.	2.6	47
16	Factors influencing molehill distribution in grassland: implications for controlling the damage caused by molehills. Journal of Applied Ecology, 1999, 36, 434-442.	4.0	39
17	Lepidoptera communities across an agricultural gradient: how important are habitat area and habitat diversity in supporting high diversity?. Journal of Insect Conservation, 2015, 19, 403-420.	1.4	39
18	Ban on triazine herbicides likely to reduce but not negate relative benefits of GMHT maize cropping. Nature, 2004, 428, 313-316.	27.8	33

#	Article	IF	Citations
19	Effects of genetically modified herbicide-tolerant cropping systems on weed seedbanks in two years of following crops. Biology Letters, 2006, 2, 140-143.	2.3	26
20	Extending standard testing period in honeybees to predict lifespan impacts of pesticides and heavy metals using dynamic energy budget modelling. Scientific Reports, 2016, 6, 37655.	3.3	24
21	Building the new international science of the agricultureâ€“foodâ€“waterâ€“environment nexus in china and the world. Ecosystem Health and Sustainability, 2016, 2, .	3.1	1