Elaine Murphy

List of Publications by Year
in descending order

49 papers	1,046 citations	516710 16 h-index	434195 31 g-index
50 all docs	50 docs citations	50 times ranked	964 citing authors

#	Article	IF	Citations
1	Assessment of risks of brodifacoum to non-target birds and mammals in New Zealand. Ecotoxicology, 2002, 11, 35-48.	2.4	192
2	Management of introduced mammals in New Zealand. New Zealand Journal of Zoology, 2003, 30, 335-359.	1.1	135
3	The impact of predation by introduced mammals on endemic shorebirds in New Zealand: a conservation perspective. Biological Conservation, 2001, 99, 47-64.	4.1	107
4	Cats, rabbits, Myxoma virus, and vegetation on Macquarie Island: a comment on Bergstrom etÂal. (2009). Journal of Applied Ecology, 2009, 46, 1129-1132.	4.0	53
5	Effects of ratâ€poisoning operations on abundance and diet of mustelids in New Zealand podocarp forests. New Zealand Journal of Zoology, 1998, 25, 315-328.	1.1	52
6	Innovative developments for longâ€term mammalian pest control. Pest Management Science, 2014, 70, 345-351.	3.4	40
7	Conserving New Zealandâ€™s native fauna: a review of tools being developed for the Predator Free 2050 programme. Journal of Ornithology, 2019, 160, 883-892.	1.1	37
8	Diet of mammalian predators in braided river beds in the central South Island, New Zealand. Wildlife Research, 2004, 31, 631.	1.4	34
9	Brodifacoum residues in target and nonâ€target animals following largeâ€scale poison operations in New Zealand podocarpâ€hardwood forests. New Zealand Journal of Zoology, 1998, 25, 307-314.	1.1	33
10	How does cat behaviour influence the development and implementation of monitoring techniques and lethal control methods for feral cats?. Applied Animal Behaviour Science, 2015, 173, 88-96.	1.9	32
11	Bridging Disciplines, Knowledge Systems and Cultures in Pest Management. Environmental Management, 2014, 53, 429-440.	2.7	28
12	Experimental island invasion of house mice. Population Ecology, 2015, 57, 363-371.	1.2	26
13	Development of a new humane toxin for predator control in New Zealand. Integrative Zoology, 2010, 5, 31-36.	2.6	20
14	Alternatives to brodifacoum and 1080 for possum and rodent controlâ€”how and why?. New Zealand Journal of Zoology, 2010, 37, 175-183.	1.1	20
15	Functional responses of an invasive top predator Mustela erminea to invasive meso-predators Rattus rattus and Mus musculus, in New Zealand forests. Wildlife Research, 2011, 38, 131.	1.4	20
16	Acute oral toxicity of pâ€aminopropiophenone to stoats (Mustela erminea). New Zealand Journal of Zoology, 2005, 32, 163-169.	1.1	16
17	Identifying prey items from New Zealand fur seal (Arctocephalus forsteri) faeces using massive parallel sequencing. Conservation Genetics Resources, 2016, 8, 343-352.	0.8	15
18	Pest or prized possession? Genetically modified biocontrol from an international perspective. Wildlife Research, 2007, 34, 578.	1.4	12

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19	Unwelcome visitors: employing forensic methodologies to inform the stoat (Mustela erminea) incursion response plan on Kapiti Island. New Zealand Journal of Zoology, 2014, 41, 1-9.	1.1	12
20	What can the geographic distribution of mtDNA haplotypes tell us about the invasion of New Zealand by house mice Mus musculus?. Biological Invasions, 2016, 18, 1551-1565.	2.4	12
21	Mitogenomics data reveal effective population size, historical bottlenecks, and the effects of hunting on New Zealand fur seals (Arctocephalus forsteri). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 567-580.	0.7	12
22	First generation anticoagulant rodenticide persistence in large mammals and implications for wildlife management. New Zealand Journal of Zoology, 2013, 40, 205-216.	1.1	10
23	The cestodeVampirolepis stramineain mice: A new record for New Zealand. New Zealand Journal of Zoology, 1988, 15, 423-424.	1.1	9
24	Advances in New Zealand mammalogy 1990â€“2000: Stoat and weasel. Journal of the Royal Society of New Zealand, 2001, 31, 165-183.	1.9	9
25	A novel device for controlling brushtail possums (Trichosurus vulpecula). , 2016, 40, 60-64.		9
26	De Novo Transcriptome Assembly and Annotation of Liver and Brain Tissues of Common Brushtail Possums (Trichosurus vulpecula) in New Zealand: Transcriptome Diversity after Decades of Population Control. Genes, 2020, 11, 436.	2.4	8
27	Smarter Pest Control Tools with Low-Residue and Humane Toxins. Proceedings of the Vertebrate Pest Conference, 0, 23, .	0.1	8
28	Facilitation of acetylcholine secretion at a mouse neuromuscular junction. Brain Research, 1981, 204, 327-337.	2.2	7
29	Using artificial nests to explore predation by introduced predators inhabiting alpine areas in New Zealand. New Zealand Journal of Zoology, 2008, 35, 119-128.	1.1	7
30	Field evaluation of para-aminopropiophenone (PAPP) for controlling stoats (Mustela erminea) in New Zealand. New Zealand Journal of Zoology, 2011, 38, 143-150.	1.1	7
31	Stereoselective synthesis of the rat selective toxicant norbormide. Tetrahedron, 2016, 72, 5331-5342.	1.9	7
32	Complete mitochondrial genome of the stoat (Mustela erminea) and New Zealand fur seal (Arctocephalus forsteri) and their significance for mammalian phylogeny. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4597-4599.	0.7	7
33	See how they run: increased ranging behavior counters potential Allee effects in experimentally introduced house mice on an island. Biological Invasions, 2019, 21, 1669-1681.	2.4	7
34	Scats and den contents as indicators of the diet of stoats (Mustela erminea) in the Tasman Valley, South Canterbury, New Zealand. New Zealand Journal of Zoology, 2015, 42, 270-282.	1.1	5
35	The effectiveness of poison bait stations at reducing ship rat abundance during an irruption in aNothofagusforest. New Zealand Journal of Zoology, 2009, 36, 13-21.	1.1	4
36	Prey switching by stoats (Mustela erminea): a supplemental food experiment. Wildlife Research, 2010, 37, 604.	1.4	4

#	Article	IF	Citations
37	Observations of South Island Robins eating RacuminÂ®, a toxic paste used for rodent control. New Zealand Journal of Zoology, 2013, 40, 255-259.	1.1	4
38	Development of Re-Setting Toxin Delivery Devices and Long-Life Lures for Rats. Proceedings of the Vertebrate Pest Conference, 2014, 26, .	0.1	4
39	A new toxin delivery device for stoatsâ€"results from a pilot field trial. New Zealand Journal of Zoology, 2018, 45, 184-191.	1.1	4
40	A New Non-invasive Method for Collecting DNA From Small Mammals in the Field, and Its Application in Simultaneous Vector and Disease Monitoring in Brushtail Possums. Frontiers in Environmental Science, 2021, 9, .	3.3	4
41	Mitochondrial DNA structure and colony expansion dynamics of New Zealand fur seals (Arctocephalus forsteri) around Banks Peninsula. New Zealand Journal of Zoology, 2016, 43, 322-335.	1.1	3
42	A survey of the oral cavity microbiome of New Zealand fur seal pups (Arctocephalus forsteri). Marine Mammal Science, 2020, 36, 334-343.	1.8	3
43	Trends in Vertebrate Pesticide Use and New Developments: New Zealand Initiatives and International Implications. Proceedings of the Vertebrate Pest Conference, 2010, 24, .	0.1	2
44	Oral Microbiome Metabarcoding in Two Invasive Small Mammals from New Zealand. Diversity, 2020, 12, 278.	1.7	2
45	Body Odours as Lures for Stoats Mustela erminea: Captive and Field Trials. Animals, 2022, 12, 394.	2.3	2
46	The effects of the cestodeVampirolepis stramineaon reproduction in the house mouse. New Zealand Journal of Zoology, 1991, 18, 349-352.	1.1	1
47	Investigation of tutin, a naturally-occurring plant toxin, as a novel, culturally acceptable rodenticide in New Zealand. New Zealand Journal of Ecology, 2019, 43, .	1.1	1
48	Novel edible coatings to improve longevity of rodent baits. New Zealand Journal of Zoology, 2018, 45, 257-266.	1.1	0
49	Mouse management on ÅŒtamahua/Quail Islandâ€"lessons learned. New Zealand Journal of Zoology, 2018, 45, 267-285.	1.1	0