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	Body Odours as Lures for Stoats Mustela erminea: Captive and Field Trials. Animals, 2022, 12, 394.	2.3	2
2	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
3	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
4	Oral Microbiome Metabarcoding in Two Invasive Small Mammals from New Zealand. Diversity, 2020, 12, 278.	1.7	2
5	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
6	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
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	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
9	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
10	Novel edible coatings to improve longevity of rodent baits. New Zealand Journal of Zoology, 2018, 45, 257-266.	1.1	0
11	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
12	Mouse management on ÅŒtamahua/Quail Islandâ€”lessons learned. New Zealand Journal of Zoology, 2018, 45, 267-285.	1.1	0
13	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
14	Stereoselective synthesis of the rat selective toxicant norbormide. Tetrahedron, 2016, 72, 5331-5342.	1.9	7
15	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
16	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
17	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
18	A novel device for controlling brushtail possums (Trichosurus vulpecula). , 2016, 40, 60-64.		9

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19	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
20	Experimental island invasion of house mice. Population Ecology, 2015, 57, 363-371.	1.2	26
21	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
22	Development of Re-Setting Toxin Delivery Devices and Long-Life Lures for Rats. Proceedings of the Vertebrate Pest Conference, 2014, 26, .	0.1	4
23	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
24	Innovative developments for longâ€term mammalian pest control. Pest Management Science, 2014, 70, 345-351.	3.4	40
25	Bridging Disciplines, Knowledge Systems and Cultures in Pest Management. Environmental Management, 2014, 53, 429-440.	2.7	28
26	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
27	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
28	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
29	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
30	Development of a new humane toxin for predator control in New Zealand. Integrative Zoology, 2010, 5, 31-36.	2.6	20
31	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
32	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
33	Prey switching by stoats (Mustela erminea): a supplemental food experiment. Wildlife Research, 2010, 37, 604.	1.4	4
34	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
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	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

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37	Pest or prized possession? Genetically modified biocontrol from an international perspective. Wildlife Research, 2007, 34, 578.	1.4	12
38	Acute oral toxicity of pâ€aminopropiophenone to stoats (Mustela erminea). New Zealand Journal of Zoology, 2005, 32, 163-169.	1.1	16
39	Diet of mammalian predators in braided river beds in the central South Island, New Zealand. Wildlife Research, 2004, 31, 631.	1.4	34
40	Management of introduced mammals in New Zealand. New Zealand Journal of Zoology, 2003, 30, 335-359.	1.1	135
41	Assessment of risks of brodifacoum to non-target birds and mammals in New Zealand. Ecotoxicology, 2002, 11, 35-48.	2.4	192
42	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
43	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
44	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
45	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
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	The cestodeVampirolepis stramineain mice: A new record for New Zealand. New Zealand Journal of Zoology, 1988, 15, 423-424.	1.1	9
48	Facilitation of acetylcholine secretion at a mouse neuromuscular junction. Brain Research, 1981, 204, 327-337.	2.2	7
49	Smarter Pest Control Tools with Low-Residue and Humane Toxins. Proceedings of the Vertebrate Pest Conference, 0, 23, .	0.1	8