Peter R Brown

List of Publications by Year in descending order

71 papers	2,437 citations	257101 24 h-index	214527 47 g-index
74 all docs	74 docs citations	74 times ranked	2512 citing authors

#	Article	IF	Citations
1	Acute oral toxicity of zinc phosphide: an assessment for wild house mice (Mus musculus). Integrative Zoology, 2023, 18, 63-75.	1.3	11
2	Improved house mouse control in the field with a higher dose zinc phosphide bait. Wildlife Research, 2023, 50, 335-343.	0.7	4
3	Conservation agriculture practices have changed habitat use by rodent pests: implications for management of feral house mice. Journal of Pest Science, 2022, 95, 493-503.	1.9	21
4	Application of innovation platforms to catalyse adoption of conservation agriculture practices in South Asia. International Journal of Agricultural Sustainability, 2022, 20, 497-520.	1.3	5
5	Effects of background food on alternative grain uptake and zinc phosphide efficacy in wild house mice. Pest Management Science, 2022, 78, 1090-1098.	1.7	5
6	Conditions for Investment in Genetic Biocontrol of Pest Vertebrates in Australia. Frontiers in Agronomy, 2022, 3, .	1.5	1
7	Impacts of House Mice on Sustainable Fodder Storage in Australia. Agronomy, 2022, 12, 254.	1.3	7
8	It. Wildlife Research, 2022, , .	0.7	2
9	Improving smallholder farmersâ€™ gross margins and labor-use efficiency across a range of cropping systems in the Eastern Gangetic Plains. World Development, 2021, 138, 105266.	2.6	32
10	Multiple ecological processes underpin the eruptive dynamics of small mammals: House mice in a semiâ€arid agricultural environment. Ecology and Evolution, 2020, 10, 3477-3490.	0.8	6
11	Advances in understanding rodent pests affecting cereal grains. Burleigh Dodds Series in Agricultural Science, 2020, , 93-122.	0.1	3
12	Rodent gene drives for conservation: opportunities and data needs. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191606.	1.2	38
13	Technical efficiency of hybrid maize production in eastern terai of Nepal: A stochastic frontier approach. Journal of Agriculture and Natural Resources, 2019, 1, 189-196.	0.2	6
14	Constraints to the capacity of smallholder farming households to adapt to climate change in South and Southeast Asia. Climate and Development, 2019, 11, 383-400.	2.2	39
15	Influence of livelihoods on climate change adaptation for smallholder farmers in the Mekong Delta Vietnam. International Journal of Agricultural Sustainability, 2018, 16, 255-271.	1.3	34
16	Corrigendum to: Rodent management issues in South Pacific islands: a review with case studies from Papua New Guinea and Vanuatu. Wildlife Research, 2018, 45, 193.	0.7	1
17	Rodent management issues in South Pacific islands: a review with case studies from Papua New Guinea and Vanuatu. Wildlife Research, 2017, 44, 587.	0.7	1
18	A systematic review of rodent pest research in Afro-Malagasy small-holder farming systems: Are we asking the right questions?. PLoS ONE, 2017, 12, e0174554.	1.1	47

#	Article	IF	Citations
19	Control of rodent pests in rice cultivation. Burleigh Dodds Series in Agricultural Science, 2017, , 343-376.	0.1	7
20	Wheat pests: introduction, rodents and nematodes. Burleigh Dodds Series in Agricultural Science, 2017, , 443-466.	0.1	1
21	Assessing the capacity of Australian broadacre mixed farmers to adapt to climate change: Identifying constraints and opportunities. Agricultural Systems, 2016, 146, 129-141.	3.2	18
22	Household types as a tool to understand adaptive capacity: case studies from Cambodia, Lao PDR, Bangladesh and India. Climate and Development, 2016, 8, 423-434.	2.2	15
23	Participatory approaches to address climate change: perceived issues affecting the ability of South East Queensland graziers to adapt to future climates. Agriculture and Human Values, 2015, 32, 689-703.	1.7	11
24	Drivers of change in landholder capacity to manage natural resources. Journal of Natural Resources Policy Research, 2014, 6, 1-26.	0.4	7
25	Historical divergence in public management of foodgrain systems in India and Bangladesh: Opportunities to enhance food security. Global Food Security, 2014, 3, 159-166.	4.0	13
26	Use of computer simulation models to encourage farmers to adopt best rodent management practices in lowland irrigated rice systems in An Giang Province, the Mekong Delta, Vietnam. Agricultural Systems, 2013, 116, 69-76.	3.2	11
27	Post-harvest damage to stored grain by rodents in village environments in Laos. International Biodeterioration and Biodegradation, 2013, 82, 104-109.	1.9	31
28	A Participatory Assessment of NRM Capacity to Inform Policy and Practice: Cross-Scale Evaluation of Enabling and Constraining Factors. Society and Natural Resources, 2012, 25, 775-793.	0.9	15
29	Participatory monitoring and evaluation to aid investment in natural resource manager capacity at a range of scales. Environmental Monitoring and Assessment, 2012, 184, 7207-7220.	1.3	18
30	Changes in population abundance, reproduction and habitat use of the rice-field rat, Rattus argentiventer, in relation to rice-crop growth stage in a lowland rice agroecosystem in Vietnam. Wildlife Research, 2012, 39, 250.	0.7	8
31	The diet of the female ricefield rat, Rattus argentiventer, influences their breeding performance in a mixed rice cropping ecosystem in An Giang province, the Mekong Delta, Vietnam. Wildlife Research, 2011, 38, 610.	0.7	7
32	Rats in rice: linking crop and pest models to explore management strategies. Wildlife Research, 2011, 38, 560.	0.7	8
33	Can humans outsmart rodents? Learning to work collectively and strategically. Wildlife Research, 2011, 38, 568.	0.7	27
34	Ecologically based management of rodents in lowland irrigated rice fields in Indonesia. Wildlife Research, 2010, 37, 418.	0.7	29
35	Impacts of rodent outbreaks on food security in Asia. Wildlife Research, 2010, 37, 355.	0.7	94
36	Changes in farmers' knowledge, attitudes and practices after implementation of ecologically-based rodent management in the uplands of Lao PDR. Crop Protection, 2010, 29, 577-582.	1.0	30

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37	The effect of simulated rat damage on irrigated rice yield and compensation. Crop Protection, 2010, 29, 1466-1471.	1.0	9
38	Pattern and dynamics of rodent damage to lowland irrigated rice crops in An Giang, Vietnam. International Journal of Pest Management, 2010, 57, 67-76.	0.9	10
39	Managing Murrayâ€“Darling Basin livestock systems in a variable and changing climate: challenges and opportunities. Rangeland Journal, 2010, 32, 293.	0.4	46
40	Enabling natural resource managers to self-assess their adaptive capacity. Agricultural Systems, 2010, 103, 562-568.	3.2	70
41	Effect of additional food and water on house mice in a semiâ€arid agricultural environment in Australia. Austral Ecology, 2008, 33, 99-109.	0.7	6
42	Integration of ecology and biology for the management of rodents: International perspectives 3. Integrative Zoology, 2008, 3, 1-2.	1.3	0
43	Farmers' knowledge, attitudes, and practices for rodent management in Myanmar. International Journal of Pest Management, 2008, 54, 69-76.	0.9	33
44	Farmers' knowledge, attitudes, and practices with respect to rodent management in the upland and lowland farming systems of the Lao People's Democratic Republic. Integrative Zoology, 2007, 2, 165-173.	1.3	18
45	Integration of ecology and biology for the management of rodents: International perspectives 1. Integrative Zoology, 2007, 2, 121-122.	1.3	0
46	Unwanted and unintended effects of culling: A case for ecologicallyâ€based rodent management. Integrative Zoology, 2007, 2, 247-259.	1.3	87
47	Integration of ecology and biology for the management of rodents: International perspectives 2. Integrative Zoology, 2007, 2, 191-192.	1.3	1
48	Relationship between abundance of rodents and damage to agricultural crops. Agriculture, Ecosystems and Environment, 2007, 120, 405-415.	2.5	80
49	Reducing the impact of feral house mice in agricultural ecosystems. , 2007, , 8-15.		3
50	Short- and long-term demographic changes in house mouse populations after control in dryland farming systems in Australia. Wildlife Research, 2006, 33, 457.	0.7	9
51	ECOLOGICALLY BASED MANAGEMENT OF RODENTS IN THE REAL WORLD: APPLIED TO A MIXED AGROECOSYSTEM IN VIETNAM. , 2006, 16, 2000-2010.		64
52	One hundred years of eruptions of house mice in Australia - a natural biological curio. Biological Journal of the Linnean Society, 2005, 84, 617-627.	0.7	500
53	The effect of simulated house mouse damage to wheat in Australia. Crop Protection, 2005, 24, 101-109.	1.0	17
54	Population dynamics of Rattus argentiventer, Rattus losea, and Rattus rattus inhabiting a mixed-farming system in the Red River Delta, Vietnam. Population Ecology, 2005, 47, 247-256.	0.7	21

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55	Compensation of rodent pests after removal: control of two rat species in an irrigated farming system in the Red River Delta, Vietnam. Acta Oecologica, 2005, 28, 267-279.	0.5	19
56	Can outbreaks of house mice in south-eastern Australia be predicted by weather models?. Wildlife Research, 2004, 31, 465.	0.7	34
57	Ecologically-based rodent management: its effectiveness in cropping systems in South-East Asia. Njas - Wageningen Journal of Life Sciences, 2004, 52, 163-171.	7.9	17
58	The Puzzles of Population Cycles and Outbreaks of Small Mammals Solved?. BioScience, 2004, 54, 1071.	2.2	151
59	Can farm-management practices reduce the impact of house mouse populations on crops in an irrigated farming system?. Wildlife Research, 2004, 31, 597.	0.7	31
60	Increasing sowing depth to reduce mouse damage to winter crops. Crop Protection, 2003, 22, 653-660.	1.0	48
61	Comparison of different sizes of physical barriers for controlling the impact of the rice field rat, Rattus argentiventer, in rice crops in Indonesia. Crop Protection, 2003, 22, 7-13.	1.0	18
62	Mice, rats, and people: the bio-economics of agricultural rodent pests. Frontiers in Ecology and the Environment, 2003, 1, 367-375.	1.9	241
63	Movements of the ricefield rat, Rattus argentiventer, near a trap-barrier system in rice crops in West Java, Indonesia. International Journal of Pest Management, 2003, 49, 123-129.	0.9	14
64	Mice, Rats, and People: The Bio-Economics of Agricultural Rodent Pests. Frontiers in Ecology and the Environment, 2003, 1, 367.	1.9	4
65	Pre-sowing control of house mice (Mus domesticus) using zinc phosphide: efficacy and potential non-target effects. Wildlife Research, 2002, 29, 27.	0.7	39
66	Habitat use and movements of the rice-field rat, Rattus argentiventer, in West Java, Indonesia. Mammalia, 2001, 65, 151-166.	0.3	19
67	Reproductive changes in fluctuating house mouse populations in southeastern Australia. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1741-1748.	1.2	105
68	Non-target mortalities during aerial strychnine baiting of house mice. Wildlife Research, 1999, 26, 117.	0.7	7
69	Rate of increase as a function of rainfall for house mouse Mus domesticus populations in a cereal-growing region in southern Australia. Journal of Applied Ecology, 1999, 36, 484-493.	1.9	52
70	Efficacy of brodifacoum to control house mice, Mus domesticus, in wheat crops in Southern Australia. Crop Protection, 1998, 17, 345-352.	1.0	23
71	Evaluation and Cost-effectiveness of Strychnine for Control of Populations of Wild House Mice (Mus) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	18