

# RafaÅ, Kowalczyk

## List of Publications by Year in descending order

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93  
papers

3,368  
citations

126708

33  
h-index

168136

53  
g-index

95  
all docs

95  
docs citations

95  
times ranked

3851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Invasion of the raccoon dog <i>Nyctereutes procyonoides</i> in Europe: History of colonization, features behind its success, and threats to native fauna. <i>Environmental Epigenetics</i> , 2011, 57, 584-598.	0.9	156
2	Influence of management practices on large herbivore diet – Case of European bison in Białowieża Primeval Forest (Poland). <i>Forest Ecology and Management</i> , 2011, 261, 821-828.	1.4	154
3	Conservation implications of the refugee species concept and the European bison: king of the forest or refugee in a marginal habitat?. <i>Ecography</i> , 2012, 35, 519-529.	2.1	153
4	Predation of Eurasian lynx on roe deer and red deer in Białowieża Primeval Forest, Poland. <i>Acta Theriologica</i> , 1997, 42, 203-224.	1.1	132
5	Effectiveness of microsatellite and SNP markers for parentage and identity analysis in species with low genetic diversity: the case of European bison. <i>Heredity</i> , 2009, 103, 326-332.	1.2	125
6	European Bison as a Refugee Species? Evidence from Isotopic Data on Early Holocene Bison and Other Large Herbivores in Northern Europe. <i>PLoS ONE</i> , 2015, 10, e0115090.	1.1	109
7	The effects of sex, age, season and habitat on diet of the red fox <i>Vulpes vulpes</i> in northeastern Poland. <i>Acta Theriologica</i> , 2011, 56, 209-218.	1.1	88
8	Challenges and science-based implications for modern management and conservation of European ungulate populations. <i>Mammal Research</i> , 2017, 62, 209-217.	0.6	87
9	Territory size of wolves <i>Canis lupus</i> : linking local (Białowieża Primeval Forest, Poland) and Holarctic-scale patterns. <i>Ecography</i> , 2007, 30, 66-76.	2.1	86
10	Early cave art and ancient DNA record the origin of European bison. <i>Nature Communications</i> , 2016, 7, 13158.	5.8	81
11	Spatial organization and demography of badgers ( <i>Meles meles</i> ) in Białowieża Primeval Forest, Poland, and the influence of earthworms on badger densities in Europe. <i>Canadian Journal of Zoology</i> , 2003, 81, 74-87.	0.4	71
12	Badger density and distribution of setts in Białowieża Primeval Forest (Poland and Belarus) compared to other Eurasian populations. <i>Acta Theriologica</i> , 2000, 45, 395-408.	1.1	70
13	Annual and circadian activity patterns of badgers ( <i>Meles meles</i> ) in Białowieża Primeval Forest (eastern Poland) compared with other Palaearctic populations. <i>Journal of Biogeography</i> , 2003, 30, 463-472.	1.4	69
14	Microhabitat selection by Eurasian lynx and its implications for species conservation. <i>Acta Theriologica</i> , 2008, 53, 97-110.	1.1	68
15	3D dental microwear texture analysis of feeding habits of sympatric ruminants in the Białowieża Primeval Forest, Poland. <i>Forest Ecology and Management</i> , 2014, 328, 262-269.	1.4	63
16	Mapping out a future for ungulate migrations. <i>Science</i> , 2021, 372, 566-569.	6.0	61
17	Facilitative interactions between the Eurasian badger ( <i>Meles meles</i> ), the red fox ( <i>Vulpes vulpes</i> ), and the invasive raccoon dog ( <i>Nyctereutes procyonoides</i> ) in Białowieża Primeval Forest, Poland. <i>Canadian Journal of Zoology</i> , 2008, 86, 1389-1396.	0.4	59
18	Can we save large carnivores without losing large carnivore science?. <i>Food Webs</i> , 2017, 12, 64-75.	0.5	59

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19	Large-scale mitogenomic analysis of the phylogeography of the Late Pleistocene cave bear. <i>Scientific Reports</i> , 2019, 9, 10700.	1.6	57
20	Farm Crops Depredation by European Bison ( <i>Bison bonasus</i> ) in the Vicinity of Forest Habitats in Northeastern Poland. <i>Environmental Management</i> , 2012, 50, 530-541.	1.2	53
21	Genetic status of the European bison <i>Bison bonasus</i> after extinction in the wild and subsequent recovery. <i>Mammal Review</i> , 2011, 41, 151-162.	2.2	51
22	Reintroducing rewilding to restoration – Rejecting the search for novelty. <i>Biological Conservation</i> , 2019, 233, 255-259.	1.9	49
23	Movements of European bison ( <i>Bison bonasus</i> ) beyond the BiaÅowieÅ Forest (NE Poland): range expansion or partial migrations?. <i>Acta Theriologica</i> , 2013, 58, 391-401.	1.1	47
24	An evaluation of two potential risk factors, MHC diversity and host density, for infection by an invasive nematode <i>Ashworthius sidemi</i> in endangered European bison ( <i>Bison bonasus</i> ). <i>Biological Conservation</i> , 2010, 143, 2049-2053.	1.9	44
25	The difficulty of using species distribution modelling for the conservation of refugee species – the example of European bison. <i>Diversity and Distributions</i> , 2012, 18, 1253-1257.	1.9	44
26	Science-based wildlife disease response. <i>Science</i> , 2019, 364, 943-944.	6.0	42
27	Deciphering the Wisent Demographic and Adaptive Histories from Individual Whole-Genome Sequences. <i>Molecular Biology and Evolution</i> , 2016, 33, 2801-2814.	3.5	41
28	Seasonal and spatial pattern of shelter use by badgers <i>Meles meles</i> in BiaÅowieÅ Primeval Forest (Poland). <i>Acta Theriologica</i> , 2004, 49, 75-92.	1.1	40
29	Reproduction and Mortality of Invasive Raccoon Dogs ( <i>Nyctereutes procyonoides</i> ) in the BiaÅowieÅ Primeval Forest (Eastern Poland). <i>Annales Zoologici Fennici</i> , 2009, 46, 291-301.	0.2	39
30	Stable isotope signatures of large herbivore foraging habitats across Europe. <i>PLoS ONE</i> , 2018, 13, e0190723.	1.1	39
31	Foraging plasticity allows a large herbivore to persist in a sheltering forest habitat: DNA metabarcoding diet analysis of the European bison. <i>Forest Ecology and Management</i> , 2019, 449, 117474.	1.4	39
32	Daily movement and territory use by badgers <i>Meles meles</i> in BiaÅowieÅ Primeval Forest, Poland. <i>Wildlife Biology</i> , 2006, 12, 385-391.	0.6	37
33	Widespread male sex bias in mammal fossil and museum collections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19019-19024.	3.3	37
34	Spatial interactions between grey wolves and Eurasian lynx in BiaÅowieÅ Primeval Forest, Poland. <i>Ecological Research</i> , 2009, 24, 207-214.	0.7	36
35	Sarcoptic mange vulnerability in carnivores of the BiaÅowieÅ Primeval Forest, Poland: underlying determinant factors. <i>Ecological Research</i> , 2014, 29, 237-244.	0.7	35
36	Adapt or die – Response of large herbivores to environmental changes in Europe during the Holocene. <i>Global Change Biology</i> , 2019, 25, 2915-2930.	4.2	35

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37	Body size clines in the European badger and the abundant centre hypothesis. <i>Journal of Biogeography</i> , 2011, 38, 1546-1556.	1.4	33
38	Long-Range Gene Flow and the Effects of Climatic and Ecological Factors on Genetic Structuring in a Large, Solitary Carnivore: The Eurasian Lynx. <i>PLoS ONE</i> , 2014, 9, e115160.	1.1	33
39	Using Scent-Marking Stations to Collect Hair Samples to Monitor Eurasian Lynx Populations. <i>Wildlife Society Bulletin</i> , 2006, 34, 462-466.	1.6	32
40	Genetic structure of the Eurasian lynx population in north-eastern Poland and the Baltic states. <i>Conservation Genetics</i> , 2009, 10, 497-501.	0.8	31
41	Revisiting the phylogeography and demography of European badgers ( <i>Meles meles</i> ) based on broad sampling, multiple markers and simulations. <i>Heredity</i> , 2014, 113, 443-453.	1.2	31
42	Coprological Study on Helminth Fauna in Eurasian Lynx ( <i>Lynx lynx</i> ) From the BiaÅowieÅ Primeval Forest in Eastern Poland. <i>Journal of Parasitology</i> , 2008, 94, 981-984.	0.3	30
43	Adaptation to cold and predationâ€”shelter use by invasive raccoon dogs <i>Nyctereutes procyonoides</i> in BiaÅowieÅ Primeval Forest (Poland). <i>European Journal of Wildlife Research</i> , 2011, 57, 133-142.	0.7	30
44	Reproductive behaviour of wild-living wolves in BiaÅowieÅ Primeval Forest (Poland). <i>Journal of Ethology</i> , 2008, 26, 69-78.	0.4	27
45	Range expansion of the golden jackal ( <i>Canis aureus</i> ) into Poland: first records. <i>Mammal Research</i> , 2015, 60, 411-414.	0.6	26
46	High levels of population differentiation in Eurasian lynx at the edge of the species' western range in Europe revealed by mitochondrial DNA analyses. <i>Animal Conservation</i> , 2012, 15, 603-612.	1.5	25
47	The influence of habitat structure on genetic differentiation in red fox populations in north-eastern Poland. <i>Acta Theriologica</i> , 2014, 59, 367-376.	1.1	23
48	Northernmost record of reproduction of the expanding golden jackal population. <i>Mammalian Biology</i> , 2020, 100, 107-111.	0.8	23
49	Too hot to handle: summer space use shift in a cold-adapted ungulate at the edge of its range. <i>Landscape Ecology</i> , 2020, 35, 1341-1351.	1.9	23
50	Hair snaring and molecular genetic identification for reconstructing the spatial structure of Eurasian lynx populations. <i>Mammalian Biology</i> , 2013, 78, 118-126.	0.8	22
51	Homogenous Population Genetic Structure of the Non-Native Raccoon Dog ( <i>Nyctereutes</i> ) Tj ETQq1 1 0.784314 rgB1 /Overlock 10 Tf 50	1.1	22
52	Risk perception by endangered European bison <i>Bison bonasus</i> is context (condition) dependent. <i>Landscape Ecology</i> , 2015, 30, 2079-2093.	1.9	21
53	The Yukagir Bison: The exterior morphology of a complete frozen mummy of the extinct steppe bison, <i>Bison priscus</i> from the early Holocene of northern Yakutia, Russia. <i>Quaternary International</i> , 2016, 406, 94-110.	0.7	21
54	Increased Parasitic Load in Captive-Released European Bison ( <i>Bison bonasus</i> ) has Important Implications for Reintroduction Programs. <i>EcoHealth</i> , 2018, 15, 467-471.	0.9	21

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55	Raccoon Dog, <i>Nyctereutes procyonoides</i> , Populations in the Area of Origin and in Colonised Regions – The Epigenetic Variability of an Immigrant. <i>Annales Zoologici Fennici</i> , 2009, 46, 51-62.	0.2	20
56	The first report of sparganosis ( <i>Spirometra</i> sp.) in Eurasian badger ( <i>Meles meles</i> ). <i>Parasitology International</i> , 2014, 63, 397-399.	0.6	20
57	Human disturbance is the most limiting factor driving habitat selection of a large carnivore throughout Continental Europe. <i>Biological Conservation</i> , 2022, 266, 109446.	1.9	18
58	Resting site selection by large herbivores – The case of European bison ( <i>Bison bonasus</i> ) in BiaÅowieÅa Primeval Forest. <i>Mammalian Biology</i> , 2013, 78, 438-445.	0.8	17
59	Human and the beast – Flight and aggressive responses of European bison to human disturbance. <i>PLoS ONE</i> , 2018, 13, e0200635.	1.1	17
60	The first case of genetically confirmed sparganosis ( <i>Spirometra erinaceieuropaei</i> ) in European reptiles. <i>Parasitology Research</i> , 2018, 117, 3659-3662.	0.6	17
61	The process of a wolf pack splitting in BiaÅowieÅa Primeval Forest, Poland. <i>Acta Theriologica</i> , 2004, 49, 275-280.	1.1	16
62	Does the blood-sucking nematode <i>Ashworthius sidemi</i> (Trichostrongylidae) cause deterioration of blood parameters in European bison ( <i>Bison bonasus</i> )?. <i>European Journal of Wildlife Research</i> , 2016, 62, 781-785.	0.7	16
63	A study of a frozen mummy of a wild horse from the Holocene of Yakutia, East Siberia, Russia. <i>Mammal Research</i> , 2018, 63, 307-314.	0.6	16
64	Do large herbivores maintain open habitats in temperate forests?. <i>Forest Ecology and Management</i> , 2021, 494, 119310.	1.4	16
65	Edge effect and influence of economic growth on Eurasian lynx mortality in the BiaÅowieÅa Primeval Forest, Poland. <i>Mammal Research</i> , 2015, 60, 3-8.	0.6	15
66	Influence of management and biological factors on parasitic invasions in the wild – Spread of the blood-sucking nematode <i>Ashworthius sidemi</i> in European bison ( <i>Bison bonasus</i> ). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2016, 5, 286-294.	0.6	15
67	Living on the edge – The predicted impact of renewed hunting on moose in national parks in Poland. <i>Basic and Applied Ecology</i> , 2018, 30, 87-95.	1.2	15
68	The level of habitat patchiness influences movement strategy of moose in Eastern Poland. <i>PLoS ONE</i> , 2020, 15, e0230521.	1.1	15
69	Restoration and intensive management have no effect on evolutionary strategies. <i>Endangered Species Research</i> , 2011, 15, 53-61.	1.2	15
70	Spatio-temporal variation of predator diet in a rural habitat: stone martens in the villages of BiaÅowieÅa forest. <i>Mammal Research</i> , 2016, 61, 187-196.	0.6	14
71	Pattern of parasite egg shedding by European bison ( <i>Bison bonasus</i> ) in the BiaÅowieÅa Primeval Forest, Poland. <i>Mammal Research</i> , 2016, 61, 179-186.	0.6	13
72	Foraging habitats and niche partitioning of European large herbivores during the Holocene – Insights from 3D dental microwear texture analysis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 506, 183-195.	1.0	13

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73	Historical data on European bison management in BiaÅowieÅa Primeval Forest can contribute to a better contemporary conservation of the species. <i>Mammal Research</i> , 2019, 64, 543-557.	0.6	13
74	Genes of the extinct Caucasian bison still roam the BiaÅowieÅa Forest and are the source of genetic discrepancies between Polish and Belarusian populations of the European bison, <i>Bison bonasus</i> . <i>Biological Journal of the Linnean Society</i> , 2015, 114, 752-763.	0.7	12
75	Does kinship affect spatial organization in a small and isolated population of a solitary felid: The Eurasian lynx?. <i>Integrative Zoology</i> , 2016, 11, 334-349.	1.3	12
76	Temporal pattern of moose-vehicle collisions. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 92, 102715.	3.2	12
77	Next-generation phylogeography resolves post-glacial colonization patterns in a widespread carnivore, the red fox ( <i>Vulpes vulpes</i> ), in Europe. <i>Molecular Ecology</i> , 2022, 31, 993-1006.	2.0	12
78	Low individual diet variation and high trophic niche overlap between the native polecat and invasive American mink. <i>Journal of Zoology</i> , 2021, 314, 151-161.	0.8	10
79	Patterns of parasite eggs, oocysts and larvae shedding by moose in the Biebrza marshland (NE Poland). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 11, 191-197.	0.6	9
80	Large carnivore science: non-experimental studies are useful, but experiments are better. <i>Food Webs</i> , 2017, 13, 49-50.	0.5	7
81	European bison conservation cannot afford to ignore alternative hypotheses: a commentary on Perzanowski <i>et al</i> . (2019). <i>Animal Conservation</i> , 2020, 23, 479-481.	1.5	7
82	Fossoriality in a risky landscape: badger sett use varies with perceived wolf risk. <i>Journal of Zoology</i> , 2021, 313, 76-85.	0.8	7
83	Do Fences or Humans Inhibit the Movements of Large Mammals in BiaÅowieÅa Primeval Forest?. , 2012, , 235-243.		6
84	Sex-biased polyparasitism in moose ( <i>Alces alces</i> ) based on molecular analysis of faecal samples. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 13, 171-177.	0.6	6
85	A new occurrence of <i>Eimeria alces</i> (Apicomplexa: Eimeridae) in elk ( <i>Alces alces</i> ) in East Poland. <i>Annals of Parasitology</i> , 2014, 60, 277-9.	0.1	6
86	BiaÅowieÅa Forest: Logging data lacking. <i>Science</i> , 2018, 359, 646-646.	6.0	5
87	Effective mitigation of conservation conflicts and participatory governance: reflections on KuboÅ, et al. <i>Conservation Biology</i> , 2019, 33, 962-965.	2.4	5
88	Multispecies reservoir of <i>Spirometra erinaceieuropaei</i> (Cestoda: Diphyllbothridae) in carnivore communities in north-eastern Poland. <i>Parasites and Vectors</i> , 2020, 13, 560.	1.0	4
89	Territory size of wolves <i>Canis lupus</i> : linking local (BiaÅowieÅa Primeval Forest, Poland) and Holarctic-scale patterns. <i>Ecography</i> , 2007, 30, 66-76.	2.1	3
90	Dental microwear foraging ecology of a large browsing ruminant in Northern Hemisphere: The European moose ( <i>Alces alces</i> ). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, , 110754.	1.0	3

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91	The search for novelty continues for rewilding. <i>Biological Conservation</i> , 2019, 236, 584-585.	1.9	2
92	Annual movement strategy predicts within-season space use by moose. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	2
93	European Bison <i>Bison bonasus</i> (Linnaeus, 1758). <i>Handbook of the Mammals of Europe</i> , 2020, , 1-23.	0.1	1