

# John P Whiteman

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

844  
citations

623574

14  
h-index

610775

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1140  
citing authors

#	ARTICLE	IF	CITATIONS
1	The acute physiological response of polar bears to helicopter capture. <i>Journal of Wildlife Management</i> , 2022, 86, .	0.7	2
2	Bulk and amino acid nitrogen isotopes suggest shifting nitrogen balance of pregnant sharks across gestation. <i>Oecologia</i> , 2022, 199, 313-328.	0.9	9
3	Quantifying capital versus income breeding: New promise with stable isotope measurements of individual amino acids. <i>Journal of Animal Ecology</i> , 2021, 90, 1408-1418.	1.3	15
4	Polar Bear Behavior: Morphologic and Physiologic Adaptations. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2021, , 219-246.	0.4	0
5	Dietary protein content and digestibility influences discrimination of amino acid nitrogen isotope values in a terrestrial omnivorous mammal. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9073.	0.7	13
6	Triple Oxygen Isotope Measurements ( $\delta^{17}O$ ) of Body Water Reflect Water Intake, Metabolism, and $\delta^{18}O$ of Ingested Water in Passerines. <i>Frontiers in Physiology</i> , 2021, 12, 710026.	1.3	5
7	Can the carbon and nitrogen isotope values of offspring be used as a proxy for their mother's diet? Using foetal physiology to interpret bulk tissue and amino acid $\delta^{15}N$ values. , 2020, 8, coaa060.		10
8	Fasting affects amino acid nitrogen isotope values: a new tool for identifying nitrogen balance of free-ranging mammals. <i>Oecologia</i> , 2020, 193, 53-65.	0.9	34
9	Heightened Immune System Function in Polar Bears Using Terrestrial Habitats. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 1-11.	0.6	20
10	Relating $\delta^{17}O$ Values of Animal Body Water to Exogenous Water Inputs and Metabolism. <i>BioScience</i> , 2019, 69, 658-668.	2.2	10
11	Dynamics of Individual Fatty Acids in Muscle Fat Stores and Membranes of a Songbird and Its Functional and Ecological Importance. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 239-251.	0.6	10
12	A Guide to Using Compound-Specific Stable Isotope Analysis to Study the Fates of Molecules in Organisms and Ecosystems. <i>Diversity</i> , 2019, 11, 8.	0.7	117
13	Out of balance in the Arctic. <i>Science</i> , 2018, 359, 514-515.	6.0	3
14	Phenotypic plasticity and climate change: can polar bears respond to longer Arctic summers with an adaptive fast?. <i>Oecologia</i> , 2018, 186, 369-381.	0.9	30
15	The relationship between dietary protein content, body condition, and $\delta^{15}N$ in a mammalian omnivore. <i>Oecologia</i> , 2018, 186, 357-367.	0.9	13
16	Amino acid isotope discrimination factors for a carnivore: physiological insights from leopard sharks and their diet. <i>Oecologia</i> , 2018, 188, 977-989.	0.9	23
17	Increased Arctic sea ice drift alters adult female polar bear movements and energetics. <i>Global Change Biology</i> , 2017, 23, 3460-3473.	4.2	82
18	Polar bears experience skeletal muscle atrophy in response to food deprivation and reduced activity in winter and summer. , 2017, 5, cox049.		13

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19	The subnivium: a deteriorating seasonal refugium. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 260-267.	1.9	143
20	Footload influences wildlife use of compacted trails in the snow. <i>Wildlife Biology</i> , 2013, 19, 156-164.	0.6	16
21	Characterization of blood lipoproteins and validation of cholesterol and triacylglycerol assays for free-ranging polar bears ( <i>Ursus maritimus</i> ). <i>Journal of Veterinary Diagnostic Investigation</i> , 2013, 25, 423-427.	0.5	4
22	Carbon isotopes in exhaled breath track metabolic substrates in brown bears ( <i>Ursus arctos</i> ). <i>Journal of Mammalogy</i> , 2012, 93, 413-421.	0.6	14
23	Lipid and amino acid composition influence incorporation and discrimination of <sup>13</sup> C and <sup>15</sup> N in mink. <i>Journal of Mammalogy</i> , 2012, 93, 399-412.	0.6	31
24	DNA-based approach to aging martens ( <i>Martes americana</i> and <i>M. caurina</i> ). <i>Journal of Mammalogy</i> , 2011, 92, 500-510.	0.6	20
25	Consequences of long-distance swimming and travel over deep-water pack ice for a female polar bear during a year of extreme sea ice retreat. <i>Polar Biology</i> , 2011, 34, 975-984.	0.5	108
26	Defining Noninvasive Approaches for Sampling of Vertebrates. <i>Conservation Biology</i> , 2010, 24, 349-352.	2.4	52
27	Seasonal changes in leaf antioxidant systems and xanthophyll cycle characteristics in <i>Taxus x media</i> growing in sun and shade environments. <i>Physiologia Plantarum</i> , 2005, 123, 428-434.	2.6	47