Sarah L Milton

List of Publications by Year
in descending order

54 papers	1,313 citations	331538 21 h-index	377752 34 g-index
55 all docs	55 docs citations	55 times ranked	1438 citing authors

#	Article	IF	Citations
1	No oxygen? No problem! Intrinsic brain tolerance to hypoxia in vertebrates. Journal of Experimental Biology, 2014, 217, 1024-1039.	0.8	128
2	Negotiating brain anoxia survival in the turtle. Journal of Experimental Biology, 2004, 207, 3141-3147.	0.8	96
3	Beyond anoxia: The physiology of metabolic downregulation and recovery in the anoxia-tolerant turtle. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 147, 277-290.	0.8	76
4	Suppression of reactive oxygen species production enhances neuronal survival in vitro and in vivo in the anoxiaâ€tolerant turtle Trachemys scripta. Journal of Neurochemistry, 2007, 101, 993-1001.	2.1	71
5	The Upregulation of Cognate and Inducible Heat Shock Proteins in the Anoxic Turtle Brain. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 826-828.	2.4	58
6	Mechanisms for maintaining extracellular glutamate levels in the anoxic turtle striatum. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R1317-R1323.	0.9	53
7	Modulation of stress proteins and apoptotic regulators in the anoxia tolerant turtle brain. Journal of Neurochemistry, 2009, 109, 1413-1426.	2.1	49
8	Trading quality for relevance: non-health decision-makers' use of evidence on the social determinants of health. BMJ Open, 2015, 5, e007053-e007053.	0.8	45
9	Gene transcription of neuroglobin is upregulated by hypoxia and anoxia in the brain of the anoxia-tolerant turtle Trachemys scripta. Journal of Biomedical Science, 2006, 13, 509-514.	2.6	41
10	Is turtle longevity linked to enhanced mechanisms for surviving brain anoxia and reoxygenation?. Experimental Gerontology, 2003, 38, 797-800.	1.2	38
11	A qualitative geographical information systems approach to explore how older people over 70 years interact with and define their neighbourhood environment. Health and Place, 2015, 36, 127-133.	1.5	35
12	Neuroprotective Signaling Pathways are Modulated by Adenosine in the Anoxia Tolerant Turtle. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 467-475.	2.4	33
13	Identifying Sex of Neonate Turtles with Temperature-dependent Sex Determination via Small Blood Samples. Scientific Reports, 2020, 10, 5012.	1.6	32
14	Low Extracellular Dopamine Levels Are Maintained in the Anoxic Turtle (Trachemys scripta) Striatum. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 803-807.	2.4	31
15	Role of neuroglobin in regulating reactive oxygen species in the brain of the anoxiaâ€tolerant turtle Trachemys scripta. Journal of Neurochemistry, 2009, 110, 603-612.	2.1	30
16	Hydric environmental effects on turtle development and sex ratio. Zoology, 2018, 126, 89-97.	0.6	27
17	Small Non-coding RNA Expression and Vertebrate Anoxia Tolerance. Frontiers in Genetics, 2018, 9, 230.	1.1	27
18	Embryonic mortality in green (Chelonia mydas) and loggerhead (Caretta caretta) sea turtle nests increases with cumulative exposure to elevated temperatures. Journal of Experimental Marine Biology and Ecology, 2019, 518, 151180.	0.7	27

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19	Slow death in the leopard frog Rana pipiens: neurotransmitters and anoxia tolerance. Journal of Experimental Biology, 2003, 206, 4021-4028.	0.8	26
20	Gene transcription of brain voltage-gated potassium channels is reversibly regulated by oxygen supply. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R1317-R1321.	0.9	26
21	Post-transcriptional gene silencing by RNA interference in non-mammalian vertebrate systems: Where do we stand?. Mutation Research - Reviews in Mutation Research, 2011, 728, 158-171.	2.4	26
22	A cGMP-dependent protein kinase (PKG) controls synaptic transmission tolerance to acute oxidative stress at the Drosophila larval neuromuscular junction. Journal of Neurophysiology, 2013, 109, 649-658.	0.9	22
23	Adenosine and ATP-sensitive potassium channels modulate dopamine release in the anoxic turtle (Trachemys scripta) striatum. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R77-R83.	0.9	21
24	Adenosine Modulates ERK1/2, PI3K/Akt, and p38MAPK Activation in the Brain of the Anoxia-Tolerant Turtle Trachemys Scripta. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1469-1477.	2.4	21
25	Effect of anoxia on the electroretinogram of three anoxia-tolerant vertebrates. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 150, 395-403.	0.8	20
26	Immune function in Trachemys scripta following exposure to a predominant brevetoxin congener, PbTx-3, as a model for potential health impacts for sea turtles naturally exposed to brevetoxins. Ecotoxicology, 2019, 28, 1085-1104.	1.1	20
27	RNAi-Mediated Gene Silencing in a Gonad Organ Culture to Study Sex Determination Mechanisms in Sea Turtle. Genes, 2013, 4, 293-305.	1.0	17
28	Upregulation of Hsp72 mediates anoxia/reoxygenation neuroprotection in the freshwater turtle via modulation of ROS. Brain Research, 2014, 1582, 247-256.	1.1	17
29	Methionine sulfoxide reductase (Msr) dysfunction in human brain disease. Free Radical Research, 2019, 53, 1144-1154.	1.5	17
30	Perceptions of tap water temperatures, scald risk and prevention among parents and older people in social housing: A qualitative study. Burns, 2012, 38, 585-590.	1.1	14
31	Characterization of brevetoxin (PbTx-3) exposure in neurons of the anoxia-tolerant freshwater turtle (Trachemys scripta). Aquatic Toxicology, 2016, 180, 115-122.	1.9	14
32	Mid-incubation relocation and embryonic survival in loggerhead sea turtle eggs. Journal of Wildlife Management, 2016, 80, 430-437.	0.7	12
33	A model of how targeted and universal welfare entitlements impact on material, psycho-social and structural determinants of health in older adults. Social Science and Medicine, 2017, 187, 20-28.	1.8	12
34	Induction of foxo3a protects turtle neurons against oxidative stress. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 243, 110671.	0.8	12
35	Alleviating brain stress: what alternative animal models have revealed about therapeutic targets for hypoxia and anoxia. Future Neurology, 2013, 8, 287-301.	0.9	11
36	Preliminary evidence of neuronal regeneration in the anoxia tolerant vertebrate brain. Experimental Neurology, 2009, 215, 401-403.	2.0	10

#	Article	IF	Citations
37	Multifactorial processes to slowing the biological clock: Insights from a comparative approach. Experimental Gerontology, 2015, 71, 27-37.	1.2	10
38	Understanding welfare conditionality in the context of a generational habitus: A qualitative study of older citizens in England. Journal of Aging Studies, 2015, 34, 113-122.	0.7	9
39	Tissue uptake, distribution and excretion of brevetoxin-3 after oral and intratracheal exposure in the freshwater turtle Trachemys scripta and the diamondback terrapin Malaclemys terrapin. Aquatic Toxicology, 2017, 187, 29-37.	1.9	9
40	The effects of extended crawling on the physiology and swim performance of loggerhead and green sea turtle hatchlings. Journal of Experimental Biology, 2017, 221, .	0.8	9
41	Down the local: A qualitative case study of daytime drinking spaces in the London Borough of Islington. International Journal of Drug Policy, 2018, 52, 1-8.	1.6	9
42	NO/cGMP/PKG activation protects Drosophila cells subjected to hypoxic stress. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 223, 106-114.	1.3	9
43	Lessons from nature: signalling cascades associated with vertebrate brain anoxic survival. Experimental Physiology, 2016, 101, 1185-1190.	0.9	8
44	â€˜Becoming more of myselfâ€™: Safe sensuality, salsa and ageing. European Journal of Women's Studies, 2017, 24, 143-157.	0.9	8
45	Intersectional Inequalities and Intimate Relationships: Dating, Class and â€˜Race/Ethnicityâ€™ among Divorced Women in the â€˜Second Phaseâ€™ of Life. Sociology, 2021, 55, 163-178.	1.7	7
46	Growing old in New Towns: A call for research on health and ageing in planned urban environments. Health and Place, 2019, 58, 102166.	1.5	5
47	Unruly bodies: resistance, (in)action and hysteresis in a public health intervention. Social Theory and Health, 2021, 19, 263-281.	1.0	4
48	Parentsâ€™ expectations and experiences of the 6-week baby check: a qualitative study in primary care. BJGP Open, 2020, 4, bjgpopen20X101110.	0.9	4
49	Understanding physician behaviour in the 6â€“8 weeks hip check in primary care: a qualitative study using the COM-B. BMJ Open, 2021, 11, e044114.	0.8	2
50	Introduction: Entangling Ethnography and Health. , 2018, , 1-17.		2
51	Differential Responses of Methionine Sulfoxide Reductases A and B to Anoxia and Oxidative Stress in the Freshwater Turtle Trachemys scripta. Metabolites, 2021, 11, 458.	1.3	1
52	Temporality and the Intersections Between Ageing, Gender and Being Well: Reflections from an Ethnographic Study in Salsa Classes. , 2018, , 141-157.		1
53	Reclaiming the Second Phase of Life? Intersectionality, Empowerment and Respectability in Midlife Romance. Sociological Research Online, 0, , 136078042097469.	0.7	0
54	Feeling the clunk: Managing and attributing uncertainty in screening for developmental dysplasia of the hip in infancy. SSM Qualitative Research in Health, 2022, 2, 100040.	0.6	0