

Stephanie K Venn-Watson

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

987
citations

430442

18
h-index

454577

30
g-index

46
all docs

46
docs citations

46
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of dietary odd-chain saturated fatty acid pentadecanoic acid parallels broad associated health benefits in humans: could it be essential?. <i>Scientific Reports</i> , 2020, 10, 8161.	1.6	97
2	Effects of age and sex on clinicopathologic reference ranges in a healthy managed Atlantic bottlenose dolphin population. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 596-601.	0.2	68
3	Thirty year retrospective evaluation of pneumonia in a bottlenose dolphin <i>Tursiops truncatus</i> population. <i>Diseases of Aquatic Organisms</i> , 2012, 99, 237-242.	0.5	63
4	Dolphins as animal models for type 2 diabetes: Sustained, post-prandial hyperglycemia and hyperinsulinemia. <i>General and Comparative Endocrinology</i> , 2011, 170, 193-199.	0.8	59
5	Blood-Based Indicators of Insulin Resistance and Metabolic Syndrome in Bottlenose Dolphins (<i>Tursiops truncatus</i>). <i>Frontiers in Endocrinology</i> , 2013, 4, 136.	1.5	46
6	Physiology of aging among healthy, older bottlenose dolphins (<i>Tursiops truncatus</i>): comparisons with aging humans. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 667-680.	0.7	43
7	HEMOCHROMATOSIS AND FATTY LIVER DISEASE: BUILDING EVIDENCE FOR INSULIN RESISTANCE IN BOTTLENOSE DOLPHINS (<i>Tursiops truncatus</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2012, 43, S35-S47.	0.3	39
8	Primary bacterial pathogens in bottlenose dolphins <i>Tursiops truncatus</i> : needles in haystacks of commensal and environmental microbes. <i>Diseases of Aquatic Organisms</i> , 2008, 79, 87-93.	0.5	37
9	Use of phlebotomy treatment in Atlantic bottlenose dolphins with iron overload. <i>Journal of the American Veterinary Medical Association</i> , 2009, 235, 194-200.	0.2	36
10	Big brains and blood glucose: common ground for diabetes mellitus in humans and healthy dolphins. <i>Comparative Medicine</i> , 2007, 57, 390-5.	0.4	35
11	Clinical relevance of urate nephrolithiasis in bottlenose dolphins <i>Tursiops truncatus</i> . <i>Diseases of Aquatic Organisms</i> , 2010, 89, 167-177.	0.5	34
12	Characterization of a parainfluenza virus isolated from a bottlenose dolphin (<i>Tursiops truncatus</i>). <i>Veterinary Microbiology</i> , 2008, 128, 231-242.	0.8	30
13	Evaluation of population health among bottlenose dolphins (<i>Tursiops truncatus</i>) at the United States Navy Marine Mammal Program. <i>Journal of the American Veterinary Medical Association</i> , 2011, 238, 356-360.	0.2	25
14	Baseline circulating immunoglobulin G levels in managed collection and free-ranging bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Developmental and Comparative Immunology</i> , 2009, 33, 449-455.	1.0	24
15	Effects of fresh and seawater ingestion on osmoregulation in Atlantic bottlenose dolphins (<i>Tursiops</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overbo</i> <i>Physiology</i> , 2010, 180, 563-576.	0.7	24
16	ASSESSMENT OF INCREASED SERUM AMINOTRANSFERASES IN A MANAGED ATLANTIC BOTTLENOSE DOLPHIN (<i>Tursiops truncatus</i>) POPULATION. <i>Journal of Wildlife Diseases</i> , 2008, 44, 318-330.	0.3	21
17	Increased Dietary Intake of Saturated Fatty Acid Heptadecanoic Acid (C17:0) Associated with Decreasing Ferritin and Alleviated Metabolic Syndrome in Dolphins. <i>PLoS ONE</i> , 2015, 10, e0132117.	1.1	20
18	Noninvasive Respiratory Metabolite Analysis Associated with Clinical Disease in Cetaceans: A Deepwater Horizon Oil Spill Study. <i>Environmental Science & Technology</i> , 2017, 51, 5737-5746.	4.6	19

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19	Assessing the potential health impacts of the 2003 and 2007 firestorms on bottlenose dolphins (<i>Tursiops truncatus</i>) in San Diego Bay. <i>Inhalation Toxicology</i> , 2013, 25, 481-491.	0.8	18
20	Pathophysiological and Physicochemical Basis of Ammonium Urate Stone Formation in Dolphins. <i>Journal of Urology</i> , 2014, 192, 260-266.	0.2	18
21	Evaluation of annual survival and mortality rates and longevity of bottlenose dolphins (<i>Tursiops</i>) Tj ETQq1 1 0.784314 rgBT /Overlock American Veterinary Medical Association, 2015, 246, 893-898.	0.2	16
22	Proteomic Analysis of Non-depleted Serum Proteins from Bottlenose Dolphins Uncovers a High Vanin-1 Phenotype. <i>Scientific Reports</i> , 2016, 6, 33879.	1.6	15
23	Serologic response in bottlenose dolphins <i>Tursiops truncatus</i> infected with <i>Brucella</i> sp. using a dolphin-specific indirect ELISA. <i>Diseases of Aquatic Organisms</i> , 2012, 102, 73-85.	0.5	15
24	Iron indices in bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Comparative Medicine</i> , 2012, 62, 508-15.	0.4	15
25	Use of a serum-based glomerular filtration rate prediction equation to assess renal function by age, sex, fasting, and health status in bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Marine Mammal Science</i> , 2008, 24, 71-80.	0.9	14
26	Hypocitraturia in common bottlenose dolphins (<i>Tursiops truncatus</i>): assessing a potential risk factor for urate nephrolithiasis. <i>Comparative Medicine</i> , 2010, 60, 149-53.	0.4	13
27	Comparison of Nephrolithiasis Prevalence in Two Bottlenose Dolphin (<i>Tursiops truncatus</i>) Populations. <i>Frontiers in Endocrinology</i> , 2013, 4, 145.	1.5	12
28	Comparison of potential dietary and urinary risk factors for ammonium urate nephrolithiasis in two bottlenose dolphin (<i>Tursiops truncatus</i>) populations. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F231-F237.	1.3	12
29	Broader and safer clinically-relevant activities of pentadecanoic acid compared to omega-3: Evaluation of an emerging essential fatty acid across twelve primary human cell-based disease systems. <i>PLoS ONE</i> , 2022, 17, e0268778.	1.1	12
30	Identification of monoclonal antibodies cross-reactive with bottlenose dolphin orthologues of the major histocompatibility complex and leukocyte differentiation molecules. <i>Veterinary Immunology and Immunopathology</i> , 2017, 192, 54-59.	0.5	11
31	Nitric oxide in the breath of bottlenose dolphins: Effects of breath hold duration, feeding, and lung disease. <i>Marine Mammal Science</i> , 2014, 30, 272-281.	0.9	10
32	Dolphins and Diabetes: Applying One Health for Breakthrough Discoveries. <i>Frontiers in Endocrinology</i> , 2014, 5, 227.	1.5	9
33	Histomorphology of the bottlenose dolphin (<i>Tursiops truncatus</i>) pancreas and association of increasing islet I ² -cell size with chronic hypercholesterolemia. <i>General and Comparative Endocrinology</i> , 2015, 214, 17-23.	0.8	9
34	Exhaled breath condensate methods adapted from human studies using longitudinal metabolomics for predicting early health alterations in dolphins. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6523-6536.	1.9	9
35	Development and testing of species-specific ELISA assays to measure IFN- γ and TNF- α in bottlenose dolphins (<i>Tursiops truncatus</i>). <i>PLoS ONE</i> , 2018, 13, e0190786.	1.1	8
36	Feeding a Modified Fish Diet to Bottlenose Dolphins Leads to an Increase in Serum Adiponectin and Sphingolipids. <i>Frontiers in Endocrinology</i> , 2016, 7, 33.	1.5	7

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37	Pregnancy profiles in the common bottlenose dolphin (<i>Tursiops truncatus</i>): Clinical biochemical and hematological variations during healthy gestation and a successful outcome. <i>Theriogenology</i> , 2020, 142, 92-103.	0.9	7
38	A 25-y longitudinal dolphin cohort supports that long-lived individuals in same environment exhibit variation in aging rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20950-20958.	3.3	7
39	SOLUBILITY OF AMMONIUM ACID URATE NEPHROLITHS FROM BOTTLENOSE DOLPHINS (<i>TURSIOPS</i>) Tj ETQq1 1 0.784314 rgBT /C	0.3	5
40	Development and Application of Specific Cytokine Assays in Tissue Samples from a Bottlenose Dolphin with Hyperinsulinemia. <i>Frontiers in Endocrinology</i> , 2013, 4, 134.	1.5	5
41	Preliminary Investigation of Bottlenose Dolphins (<i>Tursiops truncatus</i>) for <i>hfe</i> -related Hemochromatosis. <i>Journal of Wildlife Diseases</i> , 2014, 50, 891-895.	0.3	5
42	Modified fish diet shifted serum metabolome and alleviated chronic anemia in bottlenose dolphins (<i>Tursiops truncatus</i>): Potential role of odd-chain saturated fatty acids. <i>PLoS ONE</i> , 2020, 15, e0230769.	1.1	5
43	LIVER ULTRASONOGRAPHY IN DOLPHINS: USE OF ULTRASONOGRAPHY TO ESTABLISH A TECHNIQUE FOR HEPATOBILIARY IMAGING AND TO EVALUATE METABOLIC DISEASE-ASSOCIATED LIVER CHANGES IN BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2016, 47, 1034-1043.	0.3	4
44	Dietary effects on urinary physicochemistry in Navy bottlenose dolphins (<i>Tursiops truncatus</i>) for the prevention of ammonium urate kidney stones. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R723-R731.	0.9	3
45	Associations of ceruloplasmin and haptoglobin with inflammation and glucose in bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Comparative Clinical Pathology</i> , 2014, 23, 1031-1036.	0.3	2
46	Opportunistic Pathogens of Marine Mammals. <i>Advances in Environmental Microbiology</i> , 2016, , 127-143.	0.1	1