# Stephanie K Venn-Watson

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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. PLoS ONE, 2022, 17, e0268778. | 1.1 | 12 |
| 2 | Dietary effects on urinary physicochemistry in Navy bottlenose dolphins (Tursiops truncatus) for the prevention of ammonium urate kidney stones. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R723-R731. | 0.9 | 3 |
| 3 | Pregnancy profiles in the common bottlenose dolphin (Tursiops truncatus): Clinical biochemical and hematological variations during healthy gestation and a successful outcome. Theriogenology, 2020, 142, 92-103. | 0.9 | 7 |
| 4 | A 25-y longitudinal dolphin cohort supports that long-lived individuals in same environment exhibit variation in aging rates. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20950-20958. | 3.3 | 7 |
| 5 | Efficacy of dietary odd-chain saturated fatty acid pentadecanoic acid parallels broad associated health benefits in humans: could it be essential?. Scientific Reports, 2020, 10, 8161. | 1.6 | 97 |
| 6 | Modified fish diet shifted serum metabolome and alleviated chronic anemia in bottlenose dolphins (Tursiops truncatus): Potential role of odd-chain saturated fatty acids. PLoS ONE, 2020, 15, e0230769. | 1.1 | 5 |
| 7 | Comparison of potential dietary and urinary risk factors for ammonium urate nephrolithiasis in two bottlenose dolphin (Tursiops truncatus) populations. American Journal of Physiology - Renal Physiology, 2018, 315, F231-F237. | 1.3 | 12 |
| 8 | Development and testing of species-specific ELISA assays to measure IFN-Î³ and TNF-Î± in bottlenose dolphins (Tursiops truncatus). PLoS ONE, 2018, 13, e0190786. | 1.1 | 8 |
| 9 | Noninvasive Respiratory Metabolite Analysis Associated with Clinical Disease in Cetaceans: A Deepwater Horizon Oil Spill Study. Environmental Science & Technology, 2017, 51, 5737-5746. | 4.6 | 19 |
| 10 | Exhaled breath condensate methods adapted from human studies using longitudinal metabolomics for predicting early health alterations in dolphins. Analytical and Bioanalytical Chemistry, 2017, 409, 6523-6536. | 1.9 | 9 |
| 11 | Identification of monoclonal antibodies cross-reactive with bottlenose dolphin orthologues of the major histocompatibility complex and leukocyte differentiation molecules. Veterinary Immunology and Immunopathology, 2017, 192, 54-59. | 0.5 | 11 |
| 12 | Feeding a Modified Fish Diet to Bottlenose Dolphins Leads to an Increase in Serum Adiponectin and Sphingolipids. Frontiers in Endocrinology, 2016, 7, 33. | 1.5 | 7 |
| 13 | 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 (TURSIOPS TRUNCATUS). Journal of Zoo and Wildlife Medicine, 2016, 47, 1034-1043. | 0.3 | 4 |
| 14 | Proteomic Analysis of Non-depleted Serum Proteins from Bottlenose Dolphins Uncovers a High Vanin-1 Phenotype. Scientific Reports, 2016, 6, 33879. | 1.6 | 15 |
| 15 | Opportunistic Pathogens of Marine Mammals. Advances in Environmental Microbiology, 2016, , 127-143. | 0.1 | 1 |
| 16 | Increased Dietary Intake of Saturated Fatty Acid Heptadecanoic Acid (C17:0) Associated with Decreasing Ferritin and Alleviated Metabolic Syndrome in Dolphins. PLoS ONE, 2015, 10, e0132117. | 1.1 | 20 |
| 17 | Evaluation of annual survival and mortality rates and longevity of bottlenose dolphins (Tursiops) Tj ETQq1 1 0.784314 rgBT /Overlock 1<br>American Veterinary Medical Association, 2015, 246, 893-898. | 0.2 | 16 |
| 18 | Histomorphology of the bottlenose dolphin (Tursiops truncatus) pancreas and association of increasing islet Î²-cell size with chronic hypercholesterolemia. General and Comparative Endocrinology, 2015, 214, 17-23. | 0.8 | 9 |

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|---|---|---|---|
| 19 | Preliminary Investigation of Bottlenose Dolphins (Tursiops truncatus) forhfeGeneâ€"related Hemochromatosis. Journal of Wildlife Diseases, 2014, 50, 891-895. | 0.3 | 5 |
| 20 | Dolphins and Diabetes: Applying One Health for Breakthrough Discoveries. Frontiers in Endocrinology, 2014, 5, 227. | 1.5 | 9 |
| 21 | Nitric oxide in the breath of bottlenose dolphins: Effects of breath hold duration, feeding, and lung disease. Marine Mammal Science, 2014, 30, 272-281. | 0.9 | 10 |
| 22 | Pathophysiological and Physicochemical Basis of Ammonium Urate Stone Formation in Dolphins. Journal of Urology, 2014, 192, 260-266. | 0.2 | 18 |
| 23 | Associations of ceruloplasmin and haptoglobin with inflammation and glucose in bottlenose dolphins (Tursiops truncatus). Comparative Clinical Pathology, 2014, 23, 1031-1036. | 0.3 | 2 |
| 24 | SOLUBILITY OF AMMONIUM ACID URATE NEPHROLITHS FROM BOTTLENOSE DOLPHINS (TURSIOPS) Tj ETQq0 0 0 rgBT /Overlock 10 | 0.3 | 5 |
| 25 | Blood-Based Indicators of Insulin Resistance and Metabolic Syndrome in Bottlenose Dolphins (Tursiops truncatus). Frontiers in Endocrinology, 2013, 4, 136. | 1.5 | 46 |
| 26 | Development and Application of Specific Cytokine Assays in Tissue Samples from a Bottlenose Dolphin with Hyperinsulinemia. Frontiers in Endocrinology, 2013, 4, 134. | 1.5 | 5 |
| 27 | Comparison of Nephrolithiasis Prevalence in Two Bottlenose Dolphin (Tursiops truncatus) Populations. Frontiers in Endocrinology, 2013, 4, 145. | 1.5 | 12 |
| 28 | Assessing the potential health impacts of the 2003 and 2007 firestorms on bottlenose dolphins (Tursiops trucatus) in San Diego Bay. Inhalation Toxicology, 2013, 25, 481-491. | 0.8 | 18 |
| 29 | Thirty year retrospective evaluation of pneumonia in a bottlenose dolphin Tursiops truncatus population. Diseases of Aquatic Organisms, 2012, 99, 237-242. | 0.5 | 63 |
| 30 | HEMOCHROMATOSIS AND FATTY LIVER DISEASE: BUILDING EVIDENCE FOR INSULIN RESISTANCE IN BOTTLENOSE DOLPHINS (TURSIOPS TRUNCATUS). Journal of Zoo and Wildlife Medicine, 2012, 43, S35-S47. | 0.3 | 39 |
| 31 | Serologic response in bottlenose dolphins Tursiops truncatus infected with Brucella sp. using a dolphin-specific indirect ELISA. Diseases of Aquatic Organisms, 2012, 102, 73-85. | 0.5 | 15 |
| 32 | Iron indices in bottlenose dolphins (Tursiops truncatus). Comparative Medicine, 2012, 62, 508-15. | 0.4 | 15 |
| 33 | Dolphins as animal models for type 2 diabetes: Sustained, post-prandial hyperglycemia and hyperinsulinemia. General and Comparative Endocrinology, 2011, 170, 193-199. | 0.8 | 59 |
| 34 | Physiology of aging among healthy, older bottlenose dolphins (Tursiops truncatus): comparisons with aging humans. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2011, 181, 667-680. | 0.7 | 43 |
| 35 | Evaluation of population health among bottlenose dolphins (Tursiops truncatus) at the United States Navy Marine Mammal Program. Journal of the American Veterinary Medical Association, 2011, 238, 356-360. | 0.2 | 25 |
| 36 | Effects of fresh and seawater ingestion on osmoregulation in Atlantic bottlenose dolphins (Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf<br>Physiology, 2010, 180, 563-576. | 0.7 | 24 |

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|---|---|---|---|
| 37 | Clinical relevance of urate nephrolithiasis in bottlenose dolphins Tursiops truncatus. Diseases of Aquatic Organisms, 2010, 89, 167-177. | 0.5 | 34 |
| 38 | Hypocitraturia in common bottlenose dolphins (Tursiops truncatus): assessing a potential risk factor for urate nephrolithiasis. Comparative Medicine, 2010, 60, 149-53. | 0.4 | 13 |
| 39 | Use of phlebotomy treatment in Atlantic bottlenose dolphins with iron overload. Journal of the American Veterinary Medical Association, 2009, 235, 194-200. | 0.2 | 36 |
| 40 | Baseline circulating immunoglobulin G levels in managed collection and free-ranging bottlenose dolphins (Tursiops truncatus). Developmental and Comparative Immunology, 2009, 33, 449-455. | 1.0 | 24 |
| 41 | Use of a serumâ€based glomerular filtration rate prediction equation to assess renal function by age, sex, fasting, and health status in bottlenose dolphins (Tursiops truncatus). Marine Mammal Science, 2008, 24, 71-80. | 0.9 | 14 |
| 42 | Characterization of a parainfluenza virus isolated from a bottlenose dolphin (Tursiops truncatus). Veterinary Microbiology, 2008, 128, 231-242. | 0.8 | 30 |
| 43 | ASSESSMENT OF INCREASED SERUM AMINOTRANSFERASES IN A MANAGED ATLANTIC BOTTLENOSE DOLPHIN (TURSIOPS TRUNCATUS) POPULATION. Journal of Wildlife Diseases, 2008, 44, 318-330. | 0.3 | 21 |
| 44 | Primary bacterial pathogens in bottlenose dolphins Tursiops truncatus: needles in haystacks of commensal and environmental microbes. Diseases of Aquatic Organisms, 2008, 79, 87-93. | 0.5 | 37 |
| 45 | Effects of age and sex on clinicopathologic reference ranges in a healthy managed Atlantic bottlenose dolphin population. Journal of the American Veterinary Medical Association, 2007, 231, 596-601. | 0.2 | 68 |
| 46 | Big brains and blood glucose: common ground for diabetes mellitus in humans and healthy dolphins. Comparative Medicine, 2007, 57, 390-5. | 0.4 | 35 |