

Susan H Williams

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

692
citations

687220

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h-index

552653

26
g-index

32
all docs

32
docs citations

32
times ranked

595
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Jaw kinematics and tongue protractionâ€“retraction during chewing and drinking in the pig. <i>Journal of Experimental Biology</i> , 2021, 224, . | 0.8 | 10 |
| 2 | Regional tongue deformations during chewing and drinking in the pig. <i>Integrative Organismal Biology</i> , 2021, 3, obab012. | 0.9 | 7 |
| 3 | Getting Humans Off Monkeysâ€™ Backs: Using Primate Acclimation as a Guide for Habitat Management Efforts. <i>Integrative and Comparative Biology</i> , 2020, 60, 413-424. | 0.9 | 1 |
| 4 | Unilateral lingual nerve transection alters jaw-tongue coordination during mastication in pigs. <i>Journal of Applied Physiology</i> , 2020, 128, 941-951. | 1.2 | 5 |
| 5 | Effects of food properties on chewing in pigs: Flexibility and stereotypy of jaw movements in a mammalian omnivore. <i>PLoS ONE</i> , 2020, 15, e0228619. | 1.1 | 10 |
| 6 | <i>Integrative Organismal Biology</i> â€“A Journal We Want and Need. <i>Integrative Organismal Biology</i> , 2019, 1, . | 0.9 | 0 |
| 7 | Quantification of intervertebral displacement with a novel MRI-based modeling technique: Assessing measurement bias and reliability with a porcine spine model. <i>Magnetic Resonance Imaging</i> , 2017, 38, 77-86. | 1.0 | 2 |
| 8 | An ontogenetic perspective on symphyseal fusion, occlusion and mandibular loading in alpacas (<i>Vicugna pacos</i>). <i>Zoology</i> , 2017, 124, 95-105. | 0.6 | 3 |
| 9 | Thyroid hormone fluctuations indicate a thermoregulatory function in both a tropical (<i>Alouatta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Primate</i> , 2017, 79, e22714. | 0.8 | 26 |
| 10 | An assessment of skin temperature gradients in a tropical primate using infrared thermography and subcutaneous implants. <i>Journal of Thermal Biology</i> , 2017, 63, 49-57. | 1.1 | 12 |
| 11 | Measuring Microhabitat Temperature in Arboreal Primates: A Comparison of On-Animal and Stationary Approaches. <i>International Journal of Primatology</i> , 2016, 37, 495-517. | 0.9 | 13 |
| 12 | Muscle Logic: New Knowledge Resource for Anatomy Enables Comprehensive Searches of the Literature on the Feeding Muscles of Mammals. <i>PLoS ONE</i> , 2016, 11, e0149102. | 1.1 | 5 |
| 13 | In Vivo Measurement of Mesokinesis in Gekko gekko: The Role of Cranial Kinesis during Gape Display, Feeding and Biting. <i>PLoS ONE</i> , 2015, 10, e0134710. | 1.1 | 15 |
| 14 | Effect of Postnatal Myostatin Inhibition on Bite Mechanics in Mice. <i>PLoS ONE</i> , 2015, 10, e0134854. | 1.1 | 8 |
| 15 | Body temperature and thermal environment in a generalized arboreal anthropoid, wild mantled howling monkeys (<i>Alouatta palliata</i>). <i>American Journal of Physical Anthropology</i> , 2014, 154, 1-10. | 2.1 | 42 |
| 16 | Using Biplanar Fluoroscopy to Guide Radiopaque Vascular Injections: A New Method for Vascular Imaging. <i>PLoS ONE</i> , 2014, 9, e97940. | 1.1 | 6 |
| 17 | Methods for Studying the Ecological Physiology of Feeding in Free-Ranging Howlers (<i>Alouatta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Primate</i> , 2014, 74, e22714. | 0.9 | 7 |
| 18 | Mandibular corpus bone strains during mastication in goats (<i>Capra hircus</i>): A comparison of ingestive and rumination chewing. <i>Archives of Oral Biology</i> , 2011, 56, 960-971. | 0.8 | 12 |

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|----|---|-----|-----------|
| 19 | Functional and Evolutionary significance of the recruitment and firing patterns of the jaw adductors during chewing in verreaux's sifaka (<i>Propithecus verreauxi</i>). American Journal of Physical Anthropology, 2011, 145, 531-547. | 2.1 | 33 |
| 20 | Evolution of Muscle Activity Patterns Driving Motions of the Jaw and Hyoid during Chewing in Gnathostomes. Integrative and Comparative Biology, 2011, 51, 235-246. | 0.9 | 17 |
| 21 | Overview of FEED, the Feeding Experiments End-user Database. Integrative and Comparative Biology, 2011, 51, 215-223. | 0.9 | 10 |
| 22 | A Preliminary Analysis of Correlated Evolution in Mammalian Chewing Motor Patterns. Integrative and Comparative Biology, 2011, 51, 247-259. | 0.9 | 18 |
| 23 | A Preliminary Analysis of Correlations between Chewing Motor Patterns and Mandibular Morphology across Mammals. Integrative and Comparative Biology, 2011, 51, 260-270. | 0.9 | 13 |
| 24 | Intraspecific scaling of chewing cycle duration in three species of domestic ungulates. Journal of Experimental Biology, 2011, 214, 104-112. | 0.8 | 10 |
| 25 | Gape and bite force in the rodents <i>Onychomys leucogaster</i> and <i>Peromyscus maniculatus</i> : Does jaw muscle anatomy predict performance?. Journal of Morphology, 2009, 270, 1338-1347. | 0.6 | 66 |
| 26 | Mandibular corpus bone strain in goats and alpacas: Implications for understanding the biomechanics of mandibular form in selenodont artiodactyls. Journal of Anatomy, 2009, 214, 65-78. | 0.9 | 18 |
| 27 | Telemetry System for Assessing Jaw-Muscle Function in Free-ranging Primates. International Journal of Primatology, 2008, 29, 1441-1453. | 0.9 | 21 |
| 28 | Modulation of intra-oral processing in mammals and lepidosaurs. Integrative and Comparative Biology, 2007, 47, 118-136. | 0.9 | 79 |
| 29 | Modulation of mandibular loading and bite force in mammals during mastication. Journal of Experimental Biology, 2007, 210, 1046-1063. | 0.8 | 74 |
| 30 | Temporalis function in anthropoids and strepsirrhines: An EMG study. American Journal of Physical Anthropology, 2005, 128, 35-56. | 2.1 | 79 |
| 31 | A Biomechanical Analysis of Skull Form in Gum-Harvesting Galagids. Folia Primatologica, 2002, 73, 197-209. | 0.3 | 70 |