

# Jason A Osborne

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

704  
citations

759233

12  
h-index

580821

25  
g-index

40  
all docs

40  
docs citations

40  
times ranked

861  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Increasing browse and social complexity can improve zoo elephant welfare. <i>Zoo Biology</i> , 2021, 40, 9-19.  | 1.2 | 9         |
| 2  | Measurements of High Oleic Purity in Peanut Lots Using Rapid, Single Kernel Near-Infrared Reflectance Spectroscopy. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2021, 98, 621-632.            | 1.9 | 8         |
| 3  | Modeling buffer capacity and pH in acid and acidified foods. <i>Journal of Food Science</i> , 2020, 85, 918-925.  | 3.1 | 11        |
| 4  | Gastric artery embolization: studying the effects of catheter type and injection method on microsphere distributions within a benchtop arterial model. <i>BioMedical Engineering OnLine</i> , 2020, 19, 54.     | 2.7 | 4         |
| 5  | Effects of acellular equine amniotic allografts on the healing of experimentally induced full-thickness distal limb wounds in horses. <i>Veterinary Surgery</i> , 2019, 48, 1416-1428.                          | 1.0 | 6         |
| 6  | Cultures of <i>Gossypium barbadense</i> cotton ovules offer insights into the microtubule-mediated control of fiber cell expansion. <i>Planta</i> , 2019, 249, 1551-1563.                                       | 3.2 | 5         |
| 7  | Assessment of a novel nanoparticle hyperthermia therapy in a murine model of osteosarcoma. <i>Veterinary Surgery</i> , 2018, 47, 1021-1030.   | 1.0 | 4         |
| 8  | Growth kinetics of endosymbiont <i>Wolbachia</i> in the common bed bug, <i>Cimex lectularius</i> . <i>Scientific Reports</i> , 2018, 8, 11444.  | 3.3 | 12        |
| 9  | Susceptibility of insecticide-resistant bed bugs ( <i>Cimex lectularius</i> ) to infection by fungal biopesticide. <i>Pest Management Science</i> , 2017, 73, 1568-1573.  | 3.4 | 27        |
| 10 | Factors Affecting Greenhouse Sweetpotato Slip Production. <i>International Journal of Vegetable Science</i> , 2017, 23, 185-194.  | 1.3 | 4         |
| 11 | Catalytic Valorization of Lignin Using Niobium Oxide. <i>Waste and Biomass Valorization</i> , 2017, 8, 2673-2680.   | 3.4 | 11        |
| 12 | Effects of Cyclic Feeding and Starvation, Mating, and Sperm Condition on Egg Production and Fertility in the Common Bed Bug (Hemiptera: Cimicidae). <i>Journal of Medical Entomology</i> , 2017, 54, 1483-1490. | 1.8 | 11        |
| 13 | Shrinkage estimation of NFL field goal success probabilities. <i>Journal of Sports Analytics</i> , 2017, 3, 129-146.  | 0.8 | 0         |
| 14 | Oxidative Depolymerization of Lignin Using Supported Niobium Catalysts. <i>ChemEngineering</i> , 2017, 1, 17.   | 2.4 | 9         |
| 15 | Kinetics and Mechanism of NaOH-Impregnated Calcined Oyster Shell-Catalyzed Transesterification of Soybean Oil. <i>Energies</i> , 2017, 10, 1920.  | 3.1 | 10        |
| 16 | A transgenic male-only strain of the New World screwworm for an improved control program using the sterile insect technique. <i>BMC Biology</i> , 2016, 14, 72.   | 3.8 | 66        |
| 17 | Size Distributions of Bioaerosols in an Egg Production Facility and Its Vicinity. <i>Environmental Engineering Science</i> , 2016, 33, 215-223.   | 1.6 | 8         |
| 18 | Capillarity proposed as the predominant mechanism of water and fat stabilization in cooked comminuted meat batters. <i>Meat Science</i> , 2016, 111, 67-77.   | 5.5 | 39        |

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|----|--|-----|-----------|
| 19 | Mitochondrial DNA Fragmentation as a Molecular Tool to Monitor Thermal Processing of Plant-Derived, Low-Acid Foods, and Biomaterials. <i>Journal of Food Science</i> , 2015, 80, M1804-14.                                       | 3.1 | 7         |
| 20 | Consumer Acceptability of Cucumber Pickles Produced by Fermentation in Calcium Chloride Brine for Reduced Environmental Impact. <i>Journal of Food Science</i> , 2015, 80, S1360-7.  | 3.1 | 15        |
| 21 | Assessing Variability of Complex Descriptive Statistics in Monte Carlo Studies Using Resampling Methods. <i>International Statistical Review</i> , 2015, 83, 228-238.  | 1.9 | 6         |
| 22 | Spatiotemporal Variations of Bioaerosols in the Vicinity of an Animal Feeding Operation Facility in the US. <i>Journal of Environmental Protection</i> , 2015, 06, 614-627.  | 0.7 | 6         |
| 23 | Storage Method Impacts on Ammonia Flux from Broiler Cake and Acid Scrubbers for High Ammonia Concentration Measurements. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.   | 2.4 | 1         |
| 24 | Comparison of two stretching methods and optimization of stretching protocol for the piriformis muscle. <i>Medical Engineering and Physics</i> , 2014, 36, 212-218.  | 1.7 | 28        |
| 25 | Bell Pepper Seedling Phytotoxicity Due to Abscisic Acid Drench Applications. <i>International Journal of Vegetable Science</i> , 2013, 19, 4-12.   | 1.3 | 0         |
| 26 | KI-impregnated oyster shell as a solid catalyst for soybean oil transesterification. <i>Bioresource Technology</i> , 2012, 104, 329-335.   | 9.6 | 81        |
| 27 | Evaluating the effects of organic carbon on biological filtration performance in a large scale recirculating aquaculture system. <i>Aquacultural Engineering</i> , 2011, 44, 10-18.  | 3.1 | 32        |
| 28 | A Novel Shape Memory Alloy Annuloplasty Ring for Minimally Invasive Surgery: Design, Fabrication, and Evaluation. <i>Annals of Biomedical Engineering</i> , 2011, 39, 367-377.   | 2.5 | 11        |
| 29 | Evaluation of the effect of computed tomography scan protocols and freeform fabrication methods on bone biomodel accuracy. <i>American Journal of Veterinary Research</i> , 2011, 72, 1178-1185.                                 | 0.6 | 28        |
| 30 | Height Control in Three Pepper Types Treated with Drench-applied Abscisic Acid. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1265-1269.                                       | 1.0 | 7         |
| 31 | An evaluation of commercially available biological filters for recirculating aquaculture systems. <i>Aquacultural Engineering</i> , 2010, 42, 38-49.   | 3.1 | 42        |
| 32 | Effects of oestradiol-17 $\beta$ or 17 $\alpha$ -methyltestosterone administration on gonadal differentiation of largemouth bass ( <i>Micropterus salmoides</i> ) (Lacepède). <i>Aquaculture Research</i> , 2009, 40, 1813-1822. | 1.8 | 21        |
| 33 | MORPHOLOGY OF THE CAUDAL FOSSA IN CAVALIER KING CHARLES SPANIELS. <i>Veterinary Radiology and Ultrasound</i> , 2009, 50, 37-46.  | 0.9 | 96        |
| 34 | CHARACTERISTICS OF CEREBROSPINAL FLUID FLOW IN CAVALIER KING CHARLES SPANIELS ANALYZED USING PHASE VELOCITY CINE MAGNETIC RESONANCE IMAGING. <i>Veterinary Radiology and Ultrasound</i> , 2009, 50, 467-476.                     | 0.9 | 56        |
| 35 | Evaluation of a Shape Memory Alloy Reinforced Annuloplasty Band for Minimally Invasive Mitral Valve Repair. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1312-1316.   | 1.3 | 8         |
| 36 | Polymeric Resins Adsorb and Release Oryzalin in Response to pH. <i>Weed Science</i> , 2007, 55, 157-163.   | 1.5 | 0         |

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|----|--|-----|-----------|
| 37 | Evaluation of Experimental Extended-Delivery Granular Preemergent Herbicide Formulations for Direct Application to Nursery Containers. <i>Journal of Environmental Horticulture</i> , 2003, 21, 1-5. | 0.5 | 1         |
| 38 | The Lorenz Curve for Model Assessment in Exponential Order Statistic Models. <i>Journal of Statistical Computation and Simulation</i> , 2002, 72, 87-97.   | 1.2 | 3         |
| 39 | Inference for Exponential Order Statistic Models Based on an Integrated Likelihood Function. <i>Journal of the American Statistical Association</i> , 2000, 95, 1220-1228.                           | 3.1 | 8         |
| 40 | Inference for Exponential Order Statistic Models Based on an Integrated Likelihood Function. <i>Journal of the American Statistical Association</i> , 2000, 95, 1220.                                | 3.1 | 3         |