

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	MORPHOLOGY OF THE CAUDAL FOSSA IN CAVALIER KING CHARLES SPANIELS. <i>Veterinary Radiology and Ultrasound</i> , 2009, 50, 37-46.	0.9	96
2	KI-impregnated oyster shell as a solid catalyst for soybean oil transesterification. <i>Bioresource Technology</i> , 2012, 104, 329-335.	9.6	81
3	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
4	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
5	An evaluation of commercially available biological filters for recirculating aquaculture systems. <i>Aquacultural Engineering</i> , 2010, 42, 38-49.	3.1	42
6	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
7	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
8	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
9	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
10	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
11	Effects of oestradiol-17 β or 17 α -methyltestosterone administration on gonadal differentiation of largemouth bass (<i>Micropterus salmoides</i>) (Lacep \grave{e} de). <i>Aquaculture Research</i> , 2009, 40, 1813-1822.	1.8	21
12	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
13	Growth kinetics of endosymbiont Wolbachia in the common bed bug, <i>Cimex lectularius</i> . <i>Scientific Reports</i> , 2018, 8, 11444.	3.3	12
14	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
15	Catalytic Valorization of Lignin Using Niobium Oxide. <i>Waste and Biomass Valorization</i> , 2017, 8, 2673-2680.	3.4	11
16	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
17	Modeling buffer capacity and pH in acid and acidified foods. <i>Journal of Food Science</i> , 2020, 85, 918-925.	3.1	11
18	Kinetics and Mechanism of NaOH-Impregnated Calcined Oyster Shell-Catalyzed Transesterification of Soybean Oil. <i>Energies</i> , 2017, 10, 1920.	3.1	10

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19	Oxidative Depolymerization of Lignin Using Supported Niobium Catalysts. <i>ChemEngineering</i> , 2017, 1, 17.	2.4	9
20	Increasing browse and social complexity can improve zoo elephant welfare. <i>Zoo Biology</i> , 2021, 40, 9-19.	1.2	9
21	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
22	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
23	Size Distributions of Bioaerosols in an Egg Production Facility and Its Vicinity. <i>Environmental Engineering Science</i> , 2016, 33, 215-223.	1.6	8
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Factors Affecting Greenhouse Sweetpotato Slip Production. <i>International Journal of Vegetable Science</i> , 2017, 23, 185-194.	1.3	4
32	Assessment of a novel nanoparticle hyperthermia therapy in a murine model of osteosarcoma. <i>Veterinary Surgery</i> , 2018, 47, 1021-1030.	1.0	4
33	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
34	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
35	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
36	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

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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	Polymeric Resins Adsorb and Release Oryzalin in Response to pH. <i>Weed Science</i> , 2007, 55, 157-163.	1.5	0
39	Bell Pepper Seedling Phytotoxicity Due to Abscisic Acid Drench Applications. <i>International Journal of Vegetable Science</i> , 2013, 19, 4-12.	1.3	0
40	Shrinkage estimation of NFL field goal success probabilities. <i>Journal of Sports Analytics</i> , 2017, 3, 129-146.	0.8	0