

Cumulative Index, Volumes 1-27

- Abbey, D. 1997. A Field Scale Evaluation of a Genetically Engineered Corn Hybrid Resistant to European Corn Borer. *Cantaurus* 5:2-5.
- Allen, S. 2002. Characterization of Co (Am₂ Bicyclam) PF₆. *Cantaurus* 10:2-6.
- Allen, T. 2006. Explaining Spatial Variation in Yields in Irrigated Corn. *Cantaurus* 14:2-14.
- Aragon, A. 2011. Abdominal Strength vs. Speed in Female College Athletes. *Cantaurus* 19:2-4.
- Amiot, J.M. 1999. The Effect of Day Length on the Longevity of *Drosophila melanogaster*. *Cantaurus* 7:2-4.
- Barba, D. 2012. Ethanol's Influence on Habituation and Stress in *Danio rerio*. *Cantaurus* 20:2-4.
- Barr, A.B. 1994. Demineralization of Pigs Teeth. *Cantaurus* 2:2-6.
- Baxter, A. 2013. Exploring Controlled Payload Release from Magnetoliposomes. *Cantaurus* 21:2-7.
- Beam, K. 2012. The effect of Agrotain-Plus® on strip-till corn with regards to N, P, K, Mg, Ca, S, Fe, Mn, B, Cu, and Zn levels. *Cantaurus* 20:5-9.
- Bennett, K. 2016. *Crotalus atrox* Venom Tolerance through Parental Envenomation in *Mus musculus*. *Cantaurus* 24:2-5.
- Behnke, A. 2001. The Effects of Sleep Deprivation on Binocular Convergence and Monocular Accommodation. *Cantaurus* 9:2-4.
- Berlanga, J.A. 2004. Bacteria Isolated from an MTBE Mineral Medium Culture. *Cantaurus* 12:2-3.
- Bettles, C. 2012. EEG Analysis: The Effects of Music on Relaxation. *Cantaurus* 20:10-13.
- Blas, J. 2005. Expression and Purification of Tumor-Suppressor Protein Tip30 for Structural Studies by NMR Spectroscopy. *Cantaurus* 13:2-4.
- Blubaugh, S.J. 1994. The Effect of Early Feed Restriction on Death Loss, Growth Rate and Final Maximum Body Weight of Broiler Chickens. *Cantaurus* 2:7-10.
- Bowen, J. 1999. Develop a Quantitative Analytical Method for Low (. 1 ppm) Levels of Ammonium Sulfate. *Cantaurus* 7:5-8
- Brandt, S. 2012. Genetic Variability and Single Nucleotide Polymorphisms in Humpback Whale DNA in Wilhemina Bay, Antarctic Peninsula. *Cantaurus* 20:17-19.
- Bretz, M. 1996. Changes in fiber content of tallgrass and shortgrass species during maturation. *Cantaurus* 4:2-4.
- Burden, T.L. 1993. Immunological Specificity of Classically Conditioned Immuno-enhancement. *Cantaurus* 1:3-11.
- Cantrell, M.D. 1993. Studies of Sonochemically Enhanced Grignard Reactions. *Cantaurus* 1:18-22.
- Chai, Y.Q. 2014. Effect of Temperature and Light on Burrowing Activity in Wolf Spider (*Rabidosa punctulata*). *Cantaurus* 22:2-6.
- Childs, A. 2014. Analysis of the Collection and Diversity of Spiders in the Sandhills State Park. *Cantaurus* 22:7-12.
- Cockriel, D. 2005. The Design and Synthesis of Pyrazine Ligands Suitable for Molecular Weaving with Octahedral Metal Ions. *Cantaurus* 13:5-9.
- Coldren, S. 2015. Effectiveness of Antibacterial Soaps according to the Manufacturer. *Cantaurus* 23:2-6.
- Coleman, C. 2003. What are the Effects of No-till Farming on Soil Moisture and Soil Temperature Compared to Conventional Tillage in Rice County Kansas? *Cantaurus* 11:2-4.
- Compton, C. 2012. Animal behavior of *Saimiri oerstedii* in the Osa Peninsula: Eating, Sleeping and Travelling Patterns. *Cantaurus* 20:17-19.
- Consaul, D.J. 2004. The Effects of Kickoff and Compost on Yield and Economic Value of Double Crop Potatoes. *Cantaurus* 12:4-6.
- Coopple, S. 1994. PCR Analysis of Small Indian Mongoose Mitochondrial DNA. *Cantaurus* 2:11-15.
- Cox, T.D. 2006. Germination of Five Wheat Varieties over a Range of Salinities. *Cantaurus* 14:15-18.
- Crain, L.M. 2014. Germination of Twins in Intermediate Wheatgrass. *Cantaurus* 22:13-16.
- Cripe, A. 2003. McPherson College's Environmental Impact on Water Use, Energy Use, and Waste Generation/Disposal. *Cantaurus* 11:5-14.
- Crist, C. E. Klein, J. Golan, D. Harrison-Findik. 2007. The Interaction of Alcohol and Iron-Overload in the in-vivo Regulation of Iron Responsive Genes. *Cantaurus* 15:2-6.
- Curtis, M. 2019. The Effectiveness of Cannabidiol as an Antibiotic against Gram-positive and Gram-negative Bacteria. *Cantaurus* 27:2-7.
- Darmawan, A. 2015. The Effects of Sleep Deprivation on Alpha Waves. *Cantaurus* 23:7-9.

- Davidson, J. 2012. Measuring Reaction Times of McPherson Football Players on the Basis of Sleep. *Cantaurus* 20:20-23.
- Deckard, M. 2015. Lipase related growth in *E.coli* K-12. *Cantaurus* 23:10-12.
- DeMoss, C.L. 1994. The Decomposition of Chlorinated Hydrocarbons in Aqueous Solution by Ultrasonic Irradiation. *Cantaurus* 2:16-20.
- Dennis, J.W. 1999. The Effect of *Echinacea purpurea* on Stimulating IgM (Primary) and IgG (Secondary) Immune Responses in Male CD1 Mice. *Cantaurus* 7:9-11.
- DeYoung, S. 2014. The Effects of Male-Male Competition on the Mating Behavior of *Rabidosa punctulata*. *Cantaurus* 22:17-20.
- Dominguez, J. 2015. Monkey Species Forest Preference in the Osa Peninsula of Costa Rica. *Cantaurus* 23:13-15.
- Ducy, M. 2010. The Effect of Low-Carbohydrate Intake and Exercise on the Rate of Weight Gain and Blood Glucose Fluctuation in Female Mice. *Cantaurus* 18:2-7.
- Embers, M.E. 1995. The Effect of Vitamin E on Splenic and Hepatic Natural Killer (NK) Cell Activity in the Rat. *Cantaurus* 3:2-6.
- Embers, M.E. 1996. Current Findings and Developments in AIDS Research: A Review. *Cantaurus* 4:5-7.
- England, K. 2019. Relationship between bacterial community structure and the performance of microbial fuel cells in Kansas soil samples. *Cantaurus* 27:8-11.
- Engquist, L.D. 2007. Tracking Patient Habits: Gender Age, Financial State, and Health Education. *Cantaurus* 15:7-10.
- Epps, M.E. 1996. The effect of soil nutrient status on the resorption efficiency of nitrogen and phosphorus from leaves of green ash, *Fraxinus pennsylvanica*. *Cantaurus* 4:8-10.
- Esparza, A. 2014. HPLC Caffeine Quantification of Various Energy Drinks and Caffeine Consumption Habits Survey among Young Adults. *Cantaurus* 22:21-25.
- Evans, S. 2017. The Effects of Condition and Sex on Leg Regeneration in the Wolf Spider *Rabidosa punctulata*. *Cantaurus* 25:2-6.
- Falk, A. 2016. Cathepsin K Knockout Mice do not Exhibit Mechanical Hypersensitivity after Injection of an Inflammatory Insult. *Cantaurus* 24:6-8.
- Faust, K. 2017. Effects of Drainage Isolation in Kansas Streams on the Genetics of Fish. *Cantaurus* 25:7-11.
- Feasenhiser, D. 2005. The Effects of Organic Selenium on Rumen Volatile Fatty Acid Production in Continuous Culture. *Cantaurus* 13:10-13.
- Feaster, J. 2017. Transesterification of Various Oils and the Analysis of their Product Physical Properties. *Cantaurus* 25:12-15.
- Ferrell, K. 2011. What is the Prevalence of MRSA in a Health Care Setting Compared to a Community Setting? *Cantaurus* 19:5-10.
- Finch, N. 2017. The Effect of pH on Gossypol Inhibition of Rabbit Muscle Lactate Dehydrogenase. *Cantaurus* 25:16-21.
- Fisher, H. 2007. Benzo(a)pyrene Induced Mutagenesis of *Saccharomyces cerevisiae*. *Cantaurus* 15:11-13.
- Fisher, J.D. 2001. Evaluation of the Farm Credit Quick Loan Analysis as a Valid Scorecard for Small Business Loans Between \$100,000 and \$250,000. *Cantaurus* 9:5-8.
- Fleming, L. 2016. The Effects of Elevated Levels of Calcium and Turbidity on Freshwater Mussel Growth. *Cantaurus* 24:9-12.
- Fraser, T. 2016. Osmotic Stress Survival and Thermal Tolerance in *Saccharomyces cerevisiae*. *Cantaurus* 24:13-16.
- Freeman, H. 1997. The Difference between Heat and CO₂ Measurements of Metabolic Rates in Mice. *Cantaurus* 5:6-8.
- Friesen, M. 1999. A Comparative Analysis of Flue Gas Desulfurization Byproducts to Limestone in an Increase in the Soil pH. *Cantaurus* 7:12-14.
- Froese, A. 2011. Isolation, Characterization, Quantitation of Isoxanthopterin from *Drosophila Melanogaster* strains Wild Type and White Apricot. *Cantaurus* 19:11-14.
- Fry, T. 2013. Genetic and Environmental Variations in the Growth and Germination of Intermediate Wheatgrass (*Thinopyrum intermedium*). *Cantaurus* 21:7-11.
- Gallo, S. 2001. The Effects of Wastewater Treatment Sludge on the Decomposition of Yard Waste. *Cantaurus* 9:9-11.
- Gesch, P. 1994. Comparisons of Myofibrillar Protein Using Gel Electrophoresis in Mouse Skeletal Muscle. *Cantaurus* 2:21-24.
- Ghaffarian, A. 2008. Aerobic Methane Production of Tropical Plants. *Cantaurus* 16:2-5.
- Giesey, L. 2017. Efficacy of dl-tetrahydropalmatine (component of *Corydalis yanhusou* extract) as a Sedative on Mice. *Cantaurus* 25:22-25.
- Gomez, J. 2012. Does Creatine Monohydrate Result into an Increase of Weight? *Cantaurus* 20:24-26.

- Good, S.J. 2002. Operation and Methods Development for the Varian Saturn 2100D GC/MS. *Cantaurus* 10:7-13.
- Green, K. 2011. What is the Prevalence of MRSA in an Elementary School Setting Compared to a Hospital Setting? *Cantaurus* 19:15-18.
- Griggs, M.M. 2010. The Comparison of Bacteria Populations under Artificial and Natural Nails, and the Effect of Hand Cleansing with Alcohol-Based Gels and Antibacterial Soap. *Cantaurus* 18:8-11.
- Grillo, A.O. 1994. Effect of Short-term Sulfur dioxide Fumigation on Photosynthesis in Sunflower and Wheat. *Cantaurus* 2:25-28.
- Grillo, I.A. 2002. The Synthesis and Characterization of Co(Am₂Bcyclam)PF₆ A model for new MRI Contrast Agents. *Cantaurus* 10:14-19.
- Grosbach, A. 2008. The Effect of a Nutritional Supplement on Stillbirths in Swine. *Cantaurus* 16:6-8.
- Grosbach, J. 2008. The Effect of Row Spacing on the Yield and Plant Growth of Popcorn (*Zea mays*). *Cantaurus* 16:9-12.
- Grosbach, N. 2018. *Mycoplasma pulmonis* in *Rattus norvegicus*: isolation and microbial diversity. *Cantaurus* 26:2-5.
- Hamud-Socoro, A.A. 2004. *Pseudomonas aeruginosa* Resistance to Tetracycline and Triclosan. *Cantaurus* 12:7-9.
- Hamud-Socoro, M.A. 2002. Is There a Difference in Hemoglobin Concentration between Male and Female Horses? *Cantaurus* 10:20-22.
- Hargitt, R. 2001. The Nitrate Contamination of Private Well Water in Rural Northwest Kansas. *Cantaurus* 9:12-17.
- Harmon, E. 1995. Self-incompatibility in Rapid Cycling *Brassica rapa*. *Cantaurus* 3:7-10.
- Harper, J. 2005. Influence of Lactose Utilization and Population Dynamics of *Escherichia coli* var. *mutabilis*. *Cantaurus* 13:14-17.
- Harris, D. 1999. The Effects of Bacteria in Different Soils of Artificial Wetlands on Certain Contaminants. *Cantaurus* 7:15-18
- Hague, D. 2013. Correlation between Lower Limb Muscle Strength, Reflex Reaction Times of the Patellar Tendon and Lower Limb Dominance. *Cantaurus* 21:12-14.
- Henderson, J. 2019. The Effects of Varying Temperatures on the Viral Infection Rates of *Escherichia coli* and *Bacillus subtilis*. *Cantaurus* 27:12-14.
- Herber, M.W. 2007. Development of a Novel Assay to Determine Nanoparticle Protection of Complexed dsDNA. *Cantaurus* 15:14-16.
- Herrera, A.K. 2000. The Effects of Slow and Fast Velocity Training on Vertical Jump Using the Dynamic Force Monitor. *Cantaurus* 8:2-5.
- Hiebert, L.M. 1996. The visible effects that laundering has on dyed cotton when a non-formaldehyde based resin finish has been applied. *Cantaurus* 4:11-13.
- Hlad, Z. 2011. Quantitative Survey of Zebra Mussels (*Dreissna polymorpha*) Within Wilson Lake and Kanopolis Lake. *Cantaurus* 19:16-19.
- Hoffert, R. 2007. Hershey Diamond Synthesis: an Attempt at Verifying Methods. *Cantaurus* 15:17-20.
- Hoffert, W. 2003. Synthesis and Characterization of a Chloro - Hydroxo Chromium³⁺ Complex of Cross-Bridged Cyclam. *Cantaurus* 11:15-19.
- Hoffman, D. 2005. Human Performance Assessment Using the DYFORMON Exercise System. *Cantaurus* 13:18-22.
- Holderreed, M. 1993. Attenuation of the Immunosuppressive and Adrenal Responses to Noise Stress in Rats. *Cantaurus* 1:23-31.
- Hooton, S. 1999. The Effect of Different Concentrations of *Ginkgo biloba* on the Memory of a Maze in Mice. *Cantaurus* 7:19-22.
- Horinek, A. 2009. Antibiotic Resistance to Oxytetracycline HCL in Kansas Department of Wildlife Fish Hatchery of Pratt, KS. *Cantaurus* 17:2-4.
- House, J.A. 1998. Adaptation of *Pseudomonas aeruginosa* in Kansas oil fields for use in tertiary oil recovery. *Cantaurus* 6:2-4.
- Huen, J. 1997. The Effects of Vitamin E on the Longevity of *Drosophila melanogaster*. *Cantaurus* 5:9-11.
- Hughbanks, H.L. 1995. The Effects of Ovariectomy and Supplemental Estrogen Therapy on the Growth and Development of Prepubescent Rats. *Cantaurus* 3:11-16.
- Huizar, A. 2012. The Temperature Effects on Weight Gain and Wing Area of *Drosophila melanogaster*. *Cantaurus* 20: 27-30.
- James, E. 2013. The Effects of Genotypic and Environmental Differences on Germination and Seed Yield in *Thinopyrum intermedium*. *Cantaurus* 21:16-21.
- Jandreau, D. 2011. A Comparison of the Prevalence of *Tinea pedis* in Morrison and Bittering Shower Drains of McPherson College. *Cantaurus* 19:20-22.
- Johnson, B. 1998. The development of the Function Generator and the Digital Multi-Meter to be used with LabVIEW. *Cantaurus* 6:5-7.
- Johnson, R.J. Jr. 1999. Survey of Plasmid Transfer

- Containing Ampicillin Resistant Gene between *Escherichia coli* pGFPuv and *Enterobacter aerogenes* Intestinal Flora Varying Wastewater Treatment Plant Water Quality Standards. *Cantaurus* 7:23-27.
- Jones, B.F. 2003. How Sewage Foam Affects Grass Growth Compared To UAN Fertilizer Or No Fertilizer. *Cantaurus* 11:20-22.
- Jones, N. 2019. Investigating photosynthetic activity in response to increased atmospheric CO₂ levels and increased leaf level temperatures in *Ravena rivularis*. *Cantaurus* 27:15-18.
- Jost, A. 2010. What is the Prevalence of MRSA Carriers in the McPherson College Student Population? *Cantaurus* 18:12-15.
- Kadeba, A. 2018. The effects of stress-induced mutation using EMS on ethanol tolerance in *Saccharomyces cerevisiae*. *Cantaurus* 26:6-9.
- Kadeba, Y. 2018. The synthesis of an oxytetracycline derivative. *Cantaurus* 26:10-12.
- Khalidi, A. 2016. The Effect of Light Environment on the Development of Eye Pigments in *Drosophila melanogaster*. *Cantaurus* 24:17-20.
- King, B. 2010. McPherson College's Comprehensive Carbon Footprint and a List of Ways to Reduce our Environmental Impact. *Cantaurus* 18:16-20.
- Kinnamon, K. 2016. Phenolic Content and Antioxidant Activity in Kansas-grown *Vitis vinifera* and Associated Wines. *Cantaurus* 24:21-24.
- Kinzie, R.W. 1994. The Role of the Tail in the Thermoregulation of the Mongolian Gerbil, *Meriones unguulatis*. *Cantaurus* 2:29-32.
- Kobbeman, K. 1997. The Effects of Mycorrhizal Suppression on Tallgrass Prairie Forbs. *Cantaurus* 5:12-17.
- Koehn, A. 2017. The Prevalence of Antibiotic Resistance in *Escherichia coli* in Relation to Wastewater Treatment Plants. *Cantaurus* 25:26-28.
- Koster, C. 1999. Force Analysis of Individuals and Calibration of the Dynamic Force Monitor Prototype. *Cantaurus* 7:28-30.
- Kramer, C. 2010. Evaluation of Decay and Microbial Growth in the *Ictalurus punctatus* (Channel Catfish). *Cantaurus* 18:21-25.
- Kunz, C. 1997. Bayesian Inversion of Gamma Spectra. *Cantaurus* 5:18-27
- Lambert, T. 2017. The Effect of Petroleum Fuels and Biofuels on Aquatic Plant Life. *Cantaurus* 25:29-33.
- Lang, S. 2019. Exploring the effects of *Pseudomonas aeruginosa* on mating behaviors in the wolf spider *Rabidosa punctulata*. *Cantaurus* 27:19-23.
- Lange, C. 2011. What is the Distribution of Lung Capacity Amongst McPherson College Students? *Cantaurus* 19:23-25.
- Laska, N. 2009. Aerobic Methane Production from a Red Oak Tree Leaf. *Cantaurus* 17:5-7.
- Levinski, L.J. 2001. Assessing the Scientific Evidence of Increasing Global Temperature: A Review of the Literature. *Cantaurus* 9:18-22.
- Lichty, J. 2001. The Synthesis and Characterization of Co(AcBcyclam)PF₆. *Cantaurus* 9:23-26.
- Lichty, R.L. 2002. The Effect of Natural Selection on the Resistance of *Escherichia coli* to Triclosan. *Cantaurus* 10:23-25.
- Lipton, S. 2015. Is *Clostridium perfringens* present in soil samples from central Kansas? *Cantaurus* 23:16-20.
- Lloyd, L. 1996. A preliminary chemical investigation into the heritability of the metabolic pathway for the cardiac glycoside cymarins within the Family Apocynaceae. *Cantaurus* 4:14-16.
- Loar, S. 1995. The Effects of Electrical Stimulation on Individuals with Cerebral Palsy or Spina Bifida. *Cantaurus* 3:17-20.
- Long, A. 2016. The Effect of Protective Agents on the Demineralization of Human Tooth Enamel. *Cantaurus* 24:25-29.
- Lucore, B. 2003. Characterization of CD25+ T regulatory cells in Systemic Lupus Erythematosus. *Cantaurus* 11:23-26.
- Lucore, D. 2005. The Mutagenesis of Benzo(a)pyrene on Yeast. *Cantaurus* 13:23-26.
- Luter, J.B.M. 2009. The Effects of Flood Irrigation on Groundwater *E. coli* / coliform Contamination. *Cantaurus* 17:8-10.
- Lynn, A. 2019. Volatile Compounds in Wine before and after Imbibition. *Cantaurus* 27:24-28.
- Mahler, C.W. 1998. Effects on nodulation and early growth of soybeans grown in sewage sludge-amended soil of McPherson. *Cantaurus* 6:8-10.
- Makings, E. 1997. Factors Influencing Meadowlark Nest Site Selection. *Cantaurus* 5:28-30.
- Makovec, A. 2018. Epigenetic effects of stress on survival in *Caenorhabditis elegans*. *Cantaurus* 26:13-16.
- May, C.M. 2002. Synthesis and characterization of Cu(1,1,3,6,6,8-Hexamethyl-decahydro-3a,5a,8a,10a-tetra-azapyrene)Cl₂. *Cantaurus* 10:26-30.
- May, R. 2006. Observation and Characterization of Fullerenes in Soot Generated during Reproduction of Historical Diamond Synthesis. *Cantaurus* 14:19-23.

- McCrae, S.B. 2009. Nutrient Composition of Livestock Feed and Its Impact on Farm Productivity. *Cantaurus* 17:11-13.
- McEndree, A. 2010. What is the Effect of Weight Training on Leg Strength and Speed in College Athletes? *Cantaurus* 18:26-29.
- McGowan, S. 1997. The Effect of Hydrocarbons on the Growth and Germination Patterns of the Plant *Brassica rapa*. *Cantaurus* 5:31-35.
- McGoynne, M. 1999. Effects of Exercise on the Respiration Rate of Mice. *Cantaurus* 7:31-33.
- McLaughlin, N.J. 2000. The Effects of Digoxin on the Recovery Rate of the Heart after Exercise in Mice. *Cantaurus* 8:6-11.
- McPherson, J.L. 2000. The Effect of Diethylstilbestrol on p53 Expression in Liver and Neural Tissue of the Female Hamster (*Mesocricetus auratus*). *Cantaurus* 8:12-16.
- McTaggart, A. 2012. A Rapid Assessment of Reptilian Diversity on Union Island, St. Vincent and the Grenadines. *Cantaurus* 20:31-35.
- Miller, D. 2010. Testing the Methods of Dr. Willard Hershey in Historic Diamond Synthesis. *Cantaurus* 18:30-33.
- Miller, E. 2006. Population Growth and Lag Time Assent in Lactose Induced *Escherichia coli* Strains. *Cantaurus* 14:24-26.
- Miller, K. 2013. Isolation and Identification of Electricity Producing Bacteria from Lakeside Park in McPherson Ks. *Cantaurus* 21:21-25.
- Monte, L.E. 2004. Identification of Polycyclic Aromatic Hydrocarbon Anthracene in Beach Sand Extracted from Matagorda Island. *Cantaurus* 12:10-12.
- Morgan, R. 1993. Comparisons of Home Range Estimating Techniques for the Cotton Rat (*Sigmodon hispidus*): Fluorescent Tracking vs. Live Trapping. *Cantaurus* 1:12-17.
- Moore, P. 2013. Comparing a Untrained Panel Cheese Flavor Lexicon to a Trained Panel Cheese Lexicon. *Cantaurus* 21:33-39.
- Munganga, E. 2017. The Effect of a One-time Dietary Consumption of Caffeine and Decaf on Short-term Memory and Attention. *Cantaurus* 25:34-37.
- Nelson, S. 2019. The Antibacterial Activity of Essential Oils from *Tagetes erecta* and *Thuja occidentalis*. *Cantaurus* 27:29-33.
- Nobo, D.A. 2017. *Thinopyrum intermedium* Primary Root Growth Affected by Simulated Microgravity. *Cantaurus* 25:38-41.
- Nobo, S. 2017. Antimicrobial Efficacy of the Phenolic Compounds Ellagic Acid and Epigallocatechin Gallate. *Cantaurus* 25:42-45.
- Norman, W. 1999. The Effects of Varying pH on Plasmid Transfer from *Escherichia coli* to *Enterobacter aerogenes*. *Cantaurus* 7:34-35.
- Norsworthy, C.B. 2000. The Effects of Selenium on the Death Rate of Brine Shrimp. *Cantaurus* 8:17-19.
- Novinger, A. 2012. Comparison of Intake Levels and Sources of Dietary Calcium Among McPherson College Students. *Cantaurus* 20:36-39.
- Osterloh, M. 2004. Transfer of Antibiotic Resistant Genes between *Escherichia coli* and *Salmonella typhimurum*. *Cantaurus* 12:13-14.
- Owens, C. 1996. Action of nitrate on the fathead minnow, *Pimephales promelas*, in stillwater. *Cantaurus* 4:17-20.
- Pangburn, A. 2010. Sulfate in Wet Distiller's Grain from the Kansas Ethanol, L.L.C., Plant. *Cantaurus* 18:34-36.
- Paparella, A. 2014. Descriptive Analysis of Tree Composition and Diversity in a Coastal Tropical Lowland Moist Secondary Forest in Puerto Rico. *Cantaurus* 22:26-29.
- Parsell, T. 2003. Synthesis and Characterization of 4, 11-dimethyl-1, 4, 8, 11, tetraazabicyclo hexadecane Chromium. *Cantaurus* 11:27-30.
- Paull, A. 2008. The Effects of Atmospheric Contact on the Rate of Acetylene Breakdown in *Azotobacter chroococcum*. *Cantaurus* 16:15-17.
- Phillips, T.S. 1998. Effect of microorganisms and nitrogen on the allelopathy of sorghum residues and the germination of wheat seeds. *Cantaurus* 6:11-13.
- Poland, S. 2010. Population Growth and Its Effects on Water Demand in Arvada, Colorado. *Cantaurus* 18:37-41.
- Prose, P. 2000. The Hamster's Progesterone Receptor Levels According to the Menstrual Cycle. *Cantaurus* 8:20-22.
- Pugh, G. 2016. Analysis of the Fungicidal Nature of ZnS on *Sordaria fimicola*. *Cantaurus* 24:30-34.
- Putnam, E.D. 1999. Groundwater Analysis of Triazine Herbicide Using Solid Phase Extraction and High Pressure Liquid Chromatography. *Cantaurus* 7:36-37.
- Reichert, E.C. 2000. The Effect of Different Concentrations of *Ginkgo biloba* on the Memory of a Maze in Mice. *Cantaurus* 8:23-24.
- Rodriguez, C.A. 2014. Wolf Spiders Maximize Speed through Substrate Preferences during Escapes. *Cantaurus* 22:30-33.
- Rodriguez, J. 2007. Aerobic Methane Production by Banana Plant. *Cantaurus* 15:21-23.

- Rodriguez, N. 2010. The Effects of Unilateral and Bilateral Lifting Techniques on Unilateral and Bilateral Strength in Untrained Women. *Cantaurus* 18:42-44.
- Roop, T. 2013. Biophysical Characterization and the Effect of Biotinylation on the Physical Stability of GroEL. *Cantaurus* 21:33-39.
- Rotering, A. 2012. The Sources and Intake of Vitamin B12 in McPherson College Students. *Cantaurus* 20:40-43.
- Sader, L. 2006. Isolation and Identification of an Electricity Producing Microorganism from the Quivira National Wildlife Refuge. *Cantaurus* 14:27-30.
- Saffer, E. 1995. Physical Therapy in McPherson County Schools. *Cantaurus* 3:21-28.
- Saffer, K. 1995. The Effect of Marine Phytoplankton on Global Warming: a Modelling Approach. *Cantaurus* 3:29-35.
- Saffer, M. 1995. Acupuncture and Massage Therapy: their Characteristics, Hypothetical Explanations, and Applications to Physical Therapy *Cantaurus* 3:36-39.
- Sampson, N. 2010. The Cation-Exchange Capacity of Crete Silt Loam Soil Compared to Charcoal. *Cantaurus* 18:45-49.
- Samuelson, R. 1997. Heterotrophic Dominance Observed Among the Micro-organisms Of the Schermerhorn Park Cave In Cherokee County, Kansas. *Cantaurus* 5:36-40.
- Schenk, A.K. 1999. The Effects of Various Carbon Dioxide Concentrations on *Lemna minor*. *Cantaurus* 7:38-40.
- Schloo, B. 2012. Variation in Seed Yield and Stem Number in Different Genotypes of Intermediate Wheatgrass. *Cantaurus* 20:44-46.
- Schoen, A.R. 2007. Carbon Fiber Electrode as an Electron Acceptor for a Microbial Fuel Cell using *Geobacter*. *Cantaurus* 15:24-26.
- Schowengerdt, N.D. 2015. What is the Diversity of Sub-Canopy Web Building Spiders in Three Separate Regions of Puerto Rico? *Cantaurus* 23:21-17.
- Schropp, J. 2007. Comparison of Effort for High-Velocity and Low-Velocity Bench Press. *Cantaurus* 15:27-29.
- Schulz, M.L. 2003. The effects of cover crops in no-till systems on microbial activity. *Cantaurus* 11:31-36.
- Sechler, W. 1996. Determination of magnesium levels in rat myocardium after administration of epinephrine. *Cantaurus* 4:21-24.
- Showalter, J. 2001. The Effects of Nitrogen on Yield and Nutrient Composition of Alfalfa. *Cantaurus* 9:27-28.
- Sievers, S. 2012. The Genetic Versus Environmental Effects on Seed Yield Traits in Intermediate Wheatgrass. *Cantaurus* 20:47-50.
- Simon, J.C. 2009. The Effects of Temperature Increase and Presence of Light on Methane Production and Emission of *Alocasia x amazonica*. *Cantaurus* 17:14-16.
- Simon, S. 2016. Effects of Female Mating Status on the Expression and Success of Male Mating Tactic in the Wolf Spider *Rabidosa punctulata*. *Cantaurus* 24:35-37.
- Skinner, A. 2012. The Effects of Increased CO₂ Concentration on the Rate of Photosynthesis in Corn. *Cantaurus* 20:51-55.
- Smith, A.B. 1994. Agricultural Disturbances and Small Mammal Communities: *Peromyscus maniculatus* versus *Sigmodon hispidus*. *Cantaurus* 2:33-39.
- Smith, T. 2019. How Long After a Carrion Beetle Feeds on a Beef Carcass Can You Recover Identifiable Beef Specific DNA? *Cantaurus* 27:34-37.
- Snell, C. 2010. The Effects of Temperature on the Rate of Conjugation in *Escherichia coli*. *Cantaurus* 18:50-52.
- Snell, L. 2008. Isolation and Identification of Antibiotic Resistant Bacteria from the Intestinal Flora of Feedlot Cattle and a Measure of Their Efficacy for Lateral Gene Transfer. *Cantaurus* 16:18-20.
- Snell, T. 2005. Synthesis and Characterization of Cross-bridged AMD 3100 Analog. *Cantaurus* 13:27-31.
- Snodgrass, J. 2013. Effects of Altitude Acclimatization and Re-acclimatization on Cardio-Respiratory Fitness in McPherson College Football Players. *Cantaurus* 21:40-43.
- Somers, D. 2019. Using DNA Fingerprinting to Identify Genetic Relatedness for a Family. *Cantaurus* 27:38-40.
- Spillum, T. 1997. Detection and Concentration of Gasoline and Diesel 1 Hazardous Air Pollutants in Some Typical Refining Products. *Cantaurus* 5:41-42.
- Standafer, R.L. 1998. The effects of elevated carbon dioxide concentrations on the stomata of *Spartina patens* and *Scirpus olneyi*. *Cantaurus* 6:14-16.
- Stewart, J. 2015. How Does Caspase-3 Affect Apoptosis and Cell Death in Cancer Cell line SW480? *Cantaurus* 23:28-31.
- Stine, M.E. 1994. The Effects of Soybean Development with EMS Treatment. *Cantaurus* 2:40-42.
- Stover, E. 2002. *In vitro* cytotoxicity of the epothilone analog, BMS 247550, in pediatric malignancies. *Cantaurus* 10:31-37.
- Sturgeon, L. 1994. Conditioning *Coenobita clypeatus* to Retain Information. *Cantaurus* 2:43-47.

- Theron, C. 2018. Colorimetric determination of acetaminophen degradation in blood samples stored at 24°C and 40°C. *Cantaurus* 26:17-20.
- Thode, B.R. 1999. The Effects of Human Presence on the Texas Tortoise (*Gopherus berlandieri*) in Southern Texas and Northern Mexico. *Cantaurus* 7:41-43.
- Toro, S. 2014. Comparing the Gut Microbiomes of Arachnids that Differ in Feeding Ecology. *Cantaurus* 22:34-38
- Torrison, L. 1999. The Effect of Microwave Radiation on Polypropylene Used in Food Containers. *Cantaurus* 7:44-46.
- Turner, T. 2011. Comparison of Coping Self-Efficacy Levels between Freshmen and Seniors at Scott Community High School. *Cantaurus* 19:26-28.
- Ullom, R. 2004. Linked Cross-Bridged Cyclams as Anti-HIV Agents. *Cantaurus* 12:15-19.
- Usdansky, K. 2019. Weight Lifting Affects the EMG Activity of the Flexors and Extensors of the Legs. *Cantaurus* 27:41-44.
- Viehman, E. 2009. The Effect of Temperature on Aerobic Methane Production by the Fiddle Leaf Fig and the Norfolk Island Pine. *Cantaurus* 17:17-19.
- Villa, O. 2015. The Effects of *Spathiphyllum cochlearispathum* Plants on Indoor Airborne Spores. *Cantaurus* 23:32-34.
- Vrtiska, E. 2006. Multi-Subject Assessment of Human Performance Using the DYFORMON. *Cantaurus* 14:31-34.
- Vrtiska, M. 2003. The Effects of CRP on Earthworm Populations. *Cantaurus* 11:37-40.
- Ware, S. 1997. The Effects of NaCl on the Germination of *Brassica rapa* and *Atriplex patula*. *Cantaurus* 5:43-46.
- Ware, B.A. 2017. Growth and Development in Wolf Spiders. *Cantaurus* 25:46-48.
- Warkentin, L. 2009. The Effects of Amikacin, Doxycycline, Erythromycin, Penicillin, and Sulfamethoxazole with Trimethoprim on Tylosin Resistant *E. coli*. *Cantaurus* 17:20-23.
- Washington, S. 2016. The Amount of Total Dissolved Solids in Coffee Made by 6 Different Brewing Methods. *Cantaurus* 24:38-41.
- Wenzel, R. 1998. Atrazine runoff from corn fields using high pressure liquid chromatography and solid phase extraction. *Cantaurus* 6:17-19.
- Westbrook, C. 2010. The Effects of Yoga on Muscular Endurance in McPherson College Athletes. *Cantaurus* 18:53-55.
- Whitenack, W.B. 2008. The Use Of Electrolytic Reduction For The Removal Of Chlorides From Iron-Nickel Meteorites. *Cantaurus* 16:21-27.
- Williams, S. 2012. Degradation of Cellobiose via *Bacillus stearothermophilus*. *Cantaurus* 20:56-58.
- Williams, W. 2010. Effects of Altitude Acclimatization on Cardiorespiratory Fitness in McPherson College's Women Soccer Players. *Cantaurus* 18:56-59.
- Willow, E. 2018. Efficacy of intravenous aspirin on blood clotting after *Vipera russelli* injection. *Cantaurus* 26:21-24.
- Wilson, A.J. 2000. The Selenium Levels in Non-irrigated and Irrigated Fields in North Central Kansas. *Cantaurus* 8:25-26.
- Wine, G. 2001. The Effects of *Apis mellifica* on Type I Hypersensitivity in Mice. *Cantaurus* 9:29-32.
- Wolters, P. 2019. Measuring the Relationship Between Body Condition and Body Composition in Two Kansas Spider Species. *Cantaurus* 27:45-49.
- Woody, A. 2008. The Effects of Yoga Conditioning for Athletes on Cardiorespiratory Endurance. *Cantaurus* 16:28-31.
- Worley, P. 1994. Psychosocial Environment Change and its Effect on the Immune Response of Mice. *Cantaurus* 2:48-51.
- Wright, C. 2016. Isolation and Characterization of Antimicrobial Microorganisms in McPherson County Soil. *Cantaurus* 24:42-44.
- Yarnall, S. 2019. The Effects of Hydrocarbon Contamination on the Soil Microbial Consortia from Quivira National Wildlife Refuge. *Cantaurus* 27:50-52.
- Zimmerman, W. 2016. Cell Toxicity Studies to Understand Neurodegenerative Parkinson's Disease. *Cantaurus* 24:45-48.
- Zirkel, S. 1996. Immunosuppression in mice consuming elevated levels of dietary saturated fat. *Cantaurus* 4:25-28.
- Zitnik, J. 1999. Bayesian Inversion of Simply Modeled Magnetic Anomaly Data. *Cantaurus* 7:52-55.
- Zodrow, A. 2011. The Effectiveness of Multi-Purpose Solutions against Clinically Isolated Micro-organisms. *Cantaurus* 19:29-33.