

Arnold M Saxton

List of Publications by Year in descending order

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206
papers

6,904
citations

57719

44
h-index

82499

72
g-index

207
all docs

207
docs citations

207
times ranked

7287
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of discriminatory effects of corn yield test locations based on their genetic variation expression among hybrids. <i>Crop Science</i> , 2020, 60, 3166-3174.	0.8	2
2	Continuous grazing of mixed native warm-season grass in the fescue belt. <i>Agronomy Journal</i> , 2020, 112, 5067-5080.	0.9	5
3	Soil quality indices based on long-term conservation cropping systems management. , 2020, 3, e20036.		20
4	Comparing yield trial locations based on their elicited expressions of genetic variance among soybean cultivars. <i>Crop Science</i> , 2020, 60, 1313-1324.	0.8	2
5	Effect of omega-3 polyunsaturated fatty acid (n-3 PUFA) supplementation to lactating sows on growth and indicators of stress in the postweaned piglet. <i>Journal of Animal Science</i> , 2019, 97, 4453-4463.	0.2	24
6	Crop species in no-tillage summer crop rotations affect soil quality and yield in an Alfisol. <i>Geoderma</i> , 2019, 345, 51-62.	2.3	22
7	Thirty-four years of no-tillage and cover crops improve soil quality and increase cotton yield in Alfisols, Southeastern USA. <i>Geoderma</i> , 2019, 337, 998-1008.	2.3	130
8	Context-specific Genomic Selection Strategies Outperform Phenotypic Selection for Soybean Quantitative Traits in the Progeny Row Stage. <i>Crop Science</i> , 2019, 59, 54-67.	0.8	15
9	Eight-year blight (<i>Cryphonectria parasitica</i>) resistance of backcross-generation American chestnuts (<i>Castanea dentata</i>) planted in the southeastern United States. <i>Forest Ecology and Management</i> , 2019, 433, 153-161.	1.4	24
10	Evaluation of Variation in Switchgrass (<i>Panicum virgatum</i> L.) Cultivars for Rust (<i>Puccinia emaculata</i>) Resistance. <i>Journal of Environmental Horticulture</i> , 2019, 37, 127-135.	0.3	4
11	Comparison of triangle and tetrad discrimination methodology in an applied manner. <i>Food Quality and Preference</i> , 2018, 68, 105-112.	2.3	5
12	Bovine intramammary infection associated immunogenic surface proteins of <i>Streptococcus uberis</i> . <i>Microbial Pathogenesis</i> , 2018, 115, 304-311.	1.3	10
13	Temporal dynamics of gut microbiota in triclocarban-exposed weaned rats. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14743-14751.	2.7	3
14	Restoration of the Endangered Ruth's Golden Aster (<i>Pityopsis ruthii</i>). <i>Southeastern Naturalist</i> , 2018, 17, 19-31.	0.2	11
15	Effects of Seedling Quality and Family on Performance of Northern Red Oak Seedlings on a Xeric Upland Site. <i>Forests</i> , 2018, 9, 351.	0.9	3
16	Factors in cattle affecting embryo transfer pregnancies in recipient animals. <i>Animal Reproduction Science</i> , 2018, 199, 79-83.	0.5	17
17	An in vivo model to assess the thermoregulatory response of lactating Holsteins to an acute heat stress event occurring after a pharmacologically-induced LH surge. <i>Journal of Thermal Biology</i> , 2018, 78, 247-256.	1.1	6
18	Haplotyping of <i>Cornus florida</i> and <i>C. kousa</i> chloroplasts: Insights into species-level differences and patterns of plastic DNA variation in cultivars. <i>PLoS ONE</i> , 2018, 13, e0205407.	1.1	5

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19	Genetic Variation and Expected per Cycle Biomass Yield Gain in Lowland Switchgrass. <i>Crop Science</i> , 2018, 58, 1255-1264.	0.8	3
20	Mitochondrial-related consequences of heat stress exposure during bovine oocyte maturation persist in early embryo development. <i>Journal of Reproduction and Development</i> , 2018, 64, 243-251.	0.5	28
21	Heat stress impairs gap junction communication and cumulus function of bovine oocytes. <i>Journal of Reproduction and Development</i> , 2018, 64, 385-392.	0.5	22
22	Agronomic effectiveness of an organically enhanced nitrogen fertilizer. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 108, 149-161.	1.1	6
23	Growth, survival, and competitive ability of chestnut (<i>Castanea Mill.</i>) seedlings planted across a gradient of light levels. <i>New Forests</i> , 2017, 48, 491-512.	0.7	21
24	Congenic mice demonstrate the presence of QTLs conferring obesity and hypercholesterolemia on chromosome 1 in the TALLYHO mouse. <i>Mammalian Genome</i> , 2017, 28, 487-497.	1.0	9
25	Behavioral and physiologic changes in Holstein steers experimentally infected with <i>Mannheimia haemolytica</i> . <i>American Journal of Veterinary Research</i> , 2017, 78, 1056-1064.	0.3	13
26	Effect of diverse weathering conditions on the physicochemical properties of biodegradable plastic mulches. <i>Polymer Testing</i> , 2017, 62, 454-467.	2.3	83
27	Reliability of Soil Sampling Method to Assess Visible Biodegradable Mulch Fragments Remaining in the Field after Soil Incorporation. <i>HortTechnology</i> , 2017, 27, 650-658.	0.5	6
28	Restoration of oak woodlands and savannas in Tennessee using canopy-disturbance, fire-season, and herbicides. <i>Forest Ecology and Management</i> , 2017, 406, 351-360.	1.4	13
29	Relationships among temperament, acute and chronic cortisol and testosterone concentrations, and breeding soundness during performance testing of Angus bulls. <i>Theriogenology</i> , 2017, 89, 140-145.	0.9	13
30	Identifying and exploring significant genomic regions associated with soybean yield, seed fatty acids, protein and oil. <i>Journal of Crop Science and Biotechnology</i> , 2017, 20, 243-253.	0.7	9
31	Utilization of Spent Microbial Biomass as an Alternative Crop Nitrogen Source. <i>Agronomy Journal</i> , 2017, 109, 1870-1879.	0.9	6
32	Impact of Crop Rotations and Soil Amendments on Long-Term No-Tilled Soybean Yield. <i>Agronomy Journal</i> , 2017, 109, 938-946.	0.9	22
33	Efficiency of Spaced Plant Selection in Improving Sward Biomass and Ethanol Yield in Switchgrass. <i>Crop Science</i> , 2017, 57, 253-263.	0.8	7
34	Short communication: A reproductive tract scoring system to manage fertility in lactating dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 5922-5927.	1.4	17
35	Management of native warm-season grasses for beef cattle and biomass production in the Mid-South USA. <i>Journal of Animal Science</i> , 2017, 95, 3143.	0.2	2
36	A novel approach to analyzing lung cancer mortality disparities: Using the exposome and a graph-theoretical toolchain. <i>Environmental Disease</i> , 2017, 2, 33-44.	0.1	10

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37	Efficiency of Early Selection in Improving Biomass and Predicted Ethanol Yield in Switchgrass. <i>Crop Science</i> , 2016, 56, 2940-2951.	0.8	3
38	Long-Term Corn Yield Impacted by Cropping Rotations and Bio-Covers under No-Tillage. <i>Agronomy Journal</i> , 2016, 108, 1495-1502.	0.9	23
39	Developmental consequences of supplementing with matrix metalloproteinase-9 during <i>in vitro</i> maturation of heat-stressed bovine oocytes. <i>Journal of Reproduction and Development</i> , 2016, 62, 553-560.	0.5	5
40	Mycorrhizal Stimulation of Leaf Gas Exchange in Relation to Root Colonization, Shoot Size, Leaf Phosphorus and Nitrogen: A Quantitative Analysis of the Literature Using Meta-Regression. <i>Frontiers in Plant Science</i> , 2016, 7, 1084.	1.7	46
41	Temporal Development of Gut Microbiota in Triclocarban Exposed Pregnant and Neonatal Rats. <i>Scientific Reports</i> , 2016, 6, 33430.	1.6	25
42	Changes of Soil Microbial Population and Structure Under Short-term Application of an Organically Enhanced Nitrogen Fertilizer. <i>Soil Science</i> , 2016, 181, 494-502.	0.9	2
43	Hemlock Woolly Adelgid (Hemiptera: Adelgidae) Abundance and Hemlock Canopy Health Numerous Years After Imidacloprid Basal Drench Treatments: Implications for Management Programs. <i>Journal of Economic Entomology</i> , 2016, 109, 2125-2136.	0.8	13
44	Genotype-dependent Metabolic Responses to Semi-Purified High-Sucrose High-Fat Diets in the TALLYHO/Jng vs. C57BL/6 Mouse during the Development of Obesity and Type 2 Diabetes. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2016, 124, 622-629.	0.6	13
45	Highly Dynamic Anion-Quadrupole Networks in Proteins. <i>Biochemistry</i> , 2016, 55, 6056-6069.	1.2	11
46	Establishment of American chestnuts (<i>Castanea dentata</i>) bred for blight (<i>Cryphonectria parasitica</i>) resistance: influence of breeding and nursery grading. <i>New Forests</i> , 2016, 47, 243-270.	0.7	35
47	Influence of Total Knee Arthroplasty on Gait Mechanics of the Replaced and Non-Replaced Limb During Stair Negotiation. <i>Journal of Arthroplasty</i> , 2016, 31, 278-283.	1.5	19
48	Visual Assessments of Biodegradable Mulch Deterioration Are Not Indicative of Changes in Mechanical Properties. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 245-254.	0.5	6
49	Relationships among temperament, behavior, and growth during performance testing of bulls ¹ . <i>Journal of Animal Science</i> , 2015, 93, 5856-5862.	0.2	7
50	An automated resource for enhanced differential analysis. <i>BMC Bioinformatics</i> , 2015, 16, .	1.2	0
51	EntropyExplorer: an R package for computing and comparing differential Shannon entropy, differential coefficient of variation and differential expression. <i>BMC Research Notes</i> , 2015, 8, 832.	0.6	21
52	Nitrogen Rate, Cover Crop, and Tillage Practice Alter Soil Chemical Properties. <i>Agronomy Journal</i> , 2015, 107, 1259-1268.	0.9	7
53	Effects of Temporal Dynamics, Nut Weight and Nut Size on Growth of American Chestnut, Chinese Chestnut and Backcross Generations in a Commercial Nursery. <i>Forests</i> , 2015, 6, 1537-1556.	0.9	11
54	Impact of heat stress on germinal vesicle breakdown and lipolytic changes during <i>in vitro</i> maturation of bovine oocytes. <i>Journal of Reproduction and Development</i> , 2015, 61, 459-464.	0.5	20

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55	BCL-2 family protein, BAD is down-regulated in breast cancer and inhibits cell invasion. <i>Experimental Cell Research</i> , 2015, 331, 1-10.	1.2	25
56	Arbuscular mycorrhizal symbiosis alters stomatal conductance of host plants more under drought than under amply watered conditions: a meta-analysis. <i>Mycorrhiza</i> , 2015, 25, 13-24.	1.3	415
57	Exploration of Preterm Birth Rates Using the Public Health Exposome Database and Computational Analysis Methods. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 12346-12366.	1.2	25
58	Arbuscular mycorrhizal symbiosis and osmotic adjustment in response to NaCl stress: a meta-analysis. <i>Frontiers in Plant Science</i> , 2014, 5, 562.	1.7	99
59	Using stable isotopes to assess dietary changes of American black bears from 1980 to 2001. <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 382-398.	0.5	8
60	Molecular and metabolic profiles suggest that increased lipid catabolism in adipose tissue contributes to leanness in domestic chickens. <i>Physiological Genomics</i> , 2014, 46, 315-327.	1.0	23
61	A polymorphism in <i>XKR4</i> is significantly associated with serum prolactin concentrations in beef cows grazing tall fescue. <i>Animal Genetics</i> , 2014, 45, 439-441.	0.6	19
62	Scalable Combinatorial Tools for Health Disparities Research. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10419-10443.	1.2	22
63	Soil Organic Carbon Sequestration Rates under Crop Sequence Diversity, BioCovers, and NoTillage. <i>Soil Science Society of America Journal</i> , 2014, 78, 1726-1733.	1.2	30
64	Evaluation of regional limb perfusion with amikacin using the saphenous, cephalic, and palmar digital veins in standing horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013, 36, 236-240.	0.6	43
65	Distribution and growth of autumn olive in a managed forest landscape. <i>Forest Ecology and Management</i> , 2013, 310, 589-599.	1.4	13
66	Further Studies on the Role of Water in R67 Dihydrofolate Reductase. <i>Biochemistry</i> , 2013, 52, 2118-2127.	1.2	10
67	Ovulatory follicle dysfunction in lactating dairy cows after treatment with Folltropin-V at the onset of luteolysis. <i>Theriogenology</i> , 2013, 79, 1210-1217.	0.9	7
68	Angiotensinogen Gene Silencing Reduces Markers of Lipid Accumulation and Inflammation in Cultured Adipocytes. <i>Frontiers in Endocrinology</i> , 2013, 4, 10.	1.5	29
69	Evaluation of regional limb perfusion with erythromycin using the saphenous, cephalic, or palmar digital veins in standing horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013, 36, 434-440.	0.6	19
70	Differential Gene Expression in Mice Infected with Distinct <i>Toxoplasma</i> Strains. <i>Infection and Immunity</i> , 2012, 80, 968-974.	1.0	39
71	The TALLYHO Mouse as a Model of Human Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2012, 933, 75-87.	0.4	52
72	Transcriptomic and metabolomic profiling of chicken adipose tissue in response to insulin neutralization and fasting. <i>BMC Genomics</i> , 2012, 13, 441.	1.2	84

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73	Short communication: Evaluation of bulk tank milk microbiological quality of nine dairy farms in Tennessee. <i>Journal of Dairy Science</i> , 2012, 95, 4275-4279.	1.4	28
74	Nursery performance of American and Chinese chestnuts and backcross generations in commercial tree nurseries. <i>Forestry</i> , 2012, 85, 589-600.	1.2	29
75	Subcongenic analysis of <i>tabw2</i> obesity QTL on mouse chromosome 6. <i>BMC Genetics</i> , 2012, 13, 81.	2.7	8
76	MetabR: an R script for linear model analysis of quantitative metabolomic data. <i>BMC Research Notes</i> , 2012, 5, 596.	0.6	33
77	Optimization of Serum EVELISA for Milk Testing of Johne's Disease. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 749-754.	0.8	15
78	n-3 and n-6 polyunsaturated fatty acids differentially regulate adipose angiotensinogen and other inflammatory adipokines in part via NF- κ B-dependent mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1661-1667.	1.9	78
79	A systematic comparison of genome-scale clustering algorithms. <i>BMC Bioinformatics</i> , 2012, 13, S7.	1.2	55
80	Dynamic regulation of adipose tissue metabolism in the domestic broiler chicken μ 1/2 an alternative model for studies of human obesity. <i>BMC Proceedings</i> , 2012, 6, P67.	1.8	2
81	Transgenic Mice Overexpressing Renin Exhibit Glucose Intolerance and Diet-Genotype Interactions. <i>Frontiers in Endocrinology</i> , 2012, 3, 166.	1.5	10
82	A Systematic Comparison of Genome Scale Clustering Algorithms. <i>Lecture Notes in Computer Science</i> , 2011, , 416-427.	1.0	2
83	Impact of Heat Stress Exposure During Meiotic Maturation on Oocyte, Surrounding Cumulus Cell, and Embryo RNA Populations. <i>Journal of Reproduction and Development</i> , 2011, 57, 481-491.	0.5	34
84	Incidence of <i>Crasus castaneae</i> (Hymenoptera: Tenthredinidae) on Chestnut Seedlings Planted in the Daniel Boone National Forest, Kentucky. <i>Journal of Entomological Science</i> , 2011, 46, 265-268.	0.2	4
85	Energy-Restricted High-Fat Diets Only Partially Improve Markers of Systemic and Adipose Tissue Inflammation. <i>Obesity</i> , 2011, 19, 245-254.	1.5	37
86	An efficient and rapid transgenic pollen screening and detection method using flow cytometry. <i>Biotechnology Journal</i> , 2011, 6, 118-123.	1.8	19
87	Quantitative trait loci associated with red foliage in <i>Cornus florida</i> L. <i>Molecular Breeding</i> , 2011, 27, 409-416.	1.0	9
88	Prevalence, Development, and Molecular Mechanisms of Bacteriocin Resistance in <i>Campylobacter</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 2309-2316.	1.4	36
89	Histological investigation of infection processes of <i>Discula destructiva</i> on leaves of <i>Cornus florida</i> . <i>Canadian Journal of Plant Pathology</i> , 2011, 33, 525-531.	0.8	1
90	Impact of Crop Rotation and Bio-covers on Soybean Cyst Nematode. <i>Plant Health Progress</i> , 2011, 12, .	0.8	4

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91	Pretreatment of near Infrared Spectral Data in Fast Biomass Analysis. <i>Journal of Near Infrared Spectroscopy</i> , 2010, 18, 317-331.	0.8	10
92	Gene expression profiles of a mouse congenic strain carrying an obesity susceptibility QTL under obesigenic diets. <i>Genes and Nutrition</i> , 2010, 5, 237-250.	1.2	3
93	Genetic and genomic analysis of hyperlipidemia, obesity and diabetes using (C57BL/6J \times TALLYHO/JngJ) F2 mice. <i>BMC Genomics</i> , 2010, 11, 713.	1.2	47
94	Genetic effects influencing salinity tolerance in six varieties of tilapia (<i>Oreochromis</i>) and their reciprocal crosses. <i>Aquaculture Research</i> , 2010, 41, e770-e780.	0.9	13
95	Increased Transcription of the Phosphate-Specific Transport System of <i>Escherichia coli</i> O157:H7 after Exposure to Sodium Benzoate. <i>Journal of Food Protection</i> , 2010, 73, 819-824.	0.8	11
96	Identifying genetic loci and spleen gene coexpression networks underlying immunophenotypes in BXD recombinant inbred mice. <i>Physiological Genomics</i> , 2010, 41, 244-253.	1.0	9
97	Determination of an Oral Aflatoxin Dose That Acutely Impairs Hepatic Function in Domestic Pigeons (<i>Columba livia</i>). , 2010, 24, 210-221.		4
98	Evaluation of indwelling intravenous catheters for the regional perfusion of the limbs of horses. <i>Veterinary Record</i> , 2009, 165, 496-501.	0.2	17
99	Comparison of threshold selection methods for microarray gene co-expression matrices. <i>BMC Research Notes</i> , 2009, 2, 240.	0.6	37
100	Phytoremediation and phytosensing of chemical contaminants, RDX and TNT: identification of the required target genes. <i>Functional and Integrative Genomics</i> , 2009, 9, 537-47.	1.4	25
101	n3 and n6 polyunsaturated fatty acids differentially modulate prostaglandin E secretion but not markers of lipogenesis in adipocytes. <i>Nutrition and Metabolism</i> , 2009, 6, 5.	1.3	34
102	Effects of Dietary Milk Thistle on Blood Parameters, Liver Pathology, and Hepatobiliary Scintigraphy in White Carneaux Pigeons (<i>Columba livia</i>) Challenged With 1×10^6 Aflatoxin. , 2009, 23, 114-124.		14
103	Developmental competence of bovine embryos from heat-stressed ova. <i>Journal of Dairy Science</i> , 2009, 92, 563-570.	1.4	31
104	Graph Algorithms for Integrated Biological Analysis, with Applications to Type 1 Diabetes Data. , 2009, , 207-222.		7
105	<i>In vitro</i> effects of hydrochloric and lactic acids on bioelectric properties of equine gastric squamous mucosa. <i>Equine Veterinary Journal</i> , 2008, 40, 301-305.	0.9	24
106	Transcriptional responses of <i>Arabidopsis thaliana</i> plants to As (V) stress. <i>BMC Plant Biology</i> , 2008, 8, 87.	1.6	197
107	Evaluation of dimethyl sulphoxide effects on initial response to endotoxin in the horse. <i>Equine Veterinary Journal</i> , 2008, 40, 358-363.	0.9	32
108	Assessing the pulmonary toxicity of single-walled carbon nanohorns. <i>Nanotoxicology</i> , 2007, 1, 157-166.	1.6	45

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109	Breast Cancer Cell Proliferation Is Inhibited by BAD. <i>Journal of Biological Chemistry</i> , 2007, 282, 28864-28873.	1.6	30
110	Manipulation of thyroid status and/or GH injection alters hepatic gene expression in the juvenile chicken. <i>Cytogenetic and Genome Research</i> , 2007, 117, 174-188.	0.6	27
111	Comparing contributions of soil versus root colonization to variations in stomatal behavior and soil drying in mycorrhizal <i>Sorghum bicolor</i> and <i>Cucurbita pepo</i> . <i>Journal of Plant Physiology</i> , 2007, 164, 1289-1299.	1.6	54
112	Early In Vitro Fertilization Improves Development of Bovine Ova Heat Stressed During In Vitro Maturation. <i>Journal of Dairy Science</i> , 2007, 90, 4297-4303.	1.4	33
113	Effects of a Concentrated Lidocaine Solution on the Acute Phase Stress Response to Dehorning in Dairy Calves. <i>Journal of Dairy Science</i> , 2007, 90, 4232-4239.	1.4	62
114	Quantitative trait loci for agronomic traits in soybean. <i>Plant Breeding</i> , 2007, 126, 51-57.	1.0	66
115	Extracting Gene Networks for Low-Dose Radiation Using Graph Theoretical Algorithms. <i>PLoS Computational Biology</i> , 2006, 2, e89.	1.5	86
116	Incorporation of α -Tocopherol and Linoleic Acid in Fresh Lambs by Feeding Chemically Treated Dietary Supplements Containing α -Tocopheryl Acetate and Sunflower Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 568-573.	2.4	3
117	Modifier QTL for fatty acid composition in soybean oil. <i>Euphytica</i> , 2006, 152, 67-73.	0.6	84
118	Genomic Regions Associated with Amino Acid Composition in Soybean. <i>Molecular Breeding</i> , 2006, 17, 79-89.	1.0	64
119	Quantitative trait loci controlling sulfur containing amino acids, methionine and cysteine, in soybean seeds. <i>Theoretical and Applied Genetics</i> , 2006, 112, 546-553.	1.8	82
120	Prevalence of non-glandular gastric ulcers in horses involved in a university riding program. <i>Journal of Equine Veterinary Science</i> , 2006, 26, 207-211.	0.4	42
121	In vitro effects of hydrochloric acid and various concentrations of acetic, propionic, butyric, or valeric acids on bioelectric properties of equine gastric squamous mucosa. <i>American Journal of Veterinary Research</i> , 2006, 67, 1873-1882.	0.3	60
122	Quantitative Trait Loci for Seed Protein and Oil Concentration, and Seed Size in Soybean. <i>Crop Science</i> , 2005, 45, 2015-2022.	0.8	191
123	Effect of growth and compositional traits on first parity and lifetime reproductive performance in U.S. Landrace sows. <i>Livestock Science</i> , 2005, 97, 151-159.	1.2	29
124	Influence of a prostaglandin synthesis inhibitor administered at embryo transfer on pregnancy rates of recipient cows. <i>Prostaglandins and Other Lipid Mediators</i> , 2005, 78, 38-45.	1.0	52
125	Relationship of climate and genotype to seasonal variation in the glucosinolate-myrosinase system. I. Glucosinolate content in ten cultivars of <i>Brassica oleracea</i> grown in fall and spring seasons. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 671-681.	1.7	120
126	Relationship of climate and genotype to seasonal variation in the glucosinolate-myrosinase system. II. Myrosinase activity in ten cultivars of <i>Brassica oleracea</i> grown in fall and spring seasons. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 682-690.	1.7	46

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127	Maintenance of meiotic arrest in bovine oocytes using the S-enantiomer of roscovitine: effects on maturation, fertilization and subsequent embryo development in vitro. <i>Reproduction</i> , 2005, 129, 19-26.	1.1	37
128	FOREST MANAGEMENT ALTERNATIVES AND SONGBIRD BREEDING HABITAT ON THE CHEROKEE NATIONAL FOREST, TENNESSEE. <i>Journal of Wildlife Management</i> , 2005, 69, 222-234.	0.7	15
129	Feasibility of assessment of regulatory lipids in breath condensate as potential presymptomatic harbingers of pulmonary pathobiology. <i>Journal of Microbiological Methods</i> , 2005, 62, 293-302.	0.7	9
130	Effects of administration of ergotamine tartrate on fertility of yearling beef bulls. <i>Theriogenology</i> , 2005, 63, 1407-1418.	0.9	24
131	Exposure to a Physiologically Relevant Elevated Temperature Hastens In Vitro Maturation in Bovine Oocytes. <i>Journal of Dairy Science</i> , 2005, 88, 4326-4333.	1.4	94
132	Fertility aspects in yearling beef bulls grazing endophyte-infected tall fescue pastures. <i>Reproduction, Fertility and Development</i> , 2005, 17, 479.	0.1	33
133	Allyl Isothiocyanate and Carbon Dioxide Produced during Degradation of Brassica juncea Tissue in Different Soil Conditions. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1734-1739.	0.5	42
134	Effect of Chronic V.S. Intermittent Exposure to T-2 Toxin on Reproductive Performance in Bobwhite Quail. <i>International Journal of Poultry Science</i> , 2005, 4, 71-75.	0.6	4
135	The Human Fatty Acid Synthase Gene and De Novo Lipogenesis Are Coordinately Regulated in Human Adipose Tissue. <i>Journal of Nutrition</i> , 2004, 134, 1032-1038.	1.3	104
136	Susceptibility of Bovine Germinal Vesicle-Stage Oocytes from Antral Follicles to Direct Effects of Heat Stress In Vitro ¹ . <i>Biology of Reproduction</i> , 2004, 71, 1303-1308.	1.2	117
137	Determination of the Acute 50% Lethal Dose T-2 Toxin in Adult Bobwhite Quail: Additional Studies on the Effect of T-2 Mycotoxin on Blood Chemistry and the Morphology of Internal Organs. <i>Avian Diseases</i> , 2004, 48, 392-399.	0.4	24
138	Detrimental effects of prostaglandin F ₂ ± on preimplantation bovine embryos. <i>Prostaglandins and Other Lipid Mediators</i> , 2004, 73, 215-226.	1.0	44
139	Novel single nucleotide polymorphisms and haplotypes within the bovine CXCR2 gene. <i>Immunogenetics</i> , 2004, 56, 355-9.	1.2	17
140	Genomic regions governing soybean seed nitrogen accumulation. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 77-81.	0.8	17
141	Quantitative trait loci for β^2 -conglycinin (7S) and glycinin (11S) fractions of soybean storage protein. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 1005-1012.	0.8	61
142	Molecular mapping and identification of soybean fatty acid modifier quantitative trait loci. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 1115-1118.	0.8	51
143	Partitioning mycorrhizal influence on water relations of <i>Phaseolus vulgaris</i> into soil and plant components. <i>Canadian Journal of Botany</i> , 2004, 82, 503-514.	1.2	61
144	Etoposide exposure during male mouse pachytene has complex effects on crossing-over and causes nondisjunction. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 565, 61-77.	0.9	15

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