

Arnold M Saxton

List of Publications by Year in descending order

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206
papers

6,904
citations

57719

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h-index

82499

72
g-index

207
all docs

207
docs citations

207
times ranked

7287
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Transcriptional responses of <i>Arabidopsis thaliana</i> plants to As (V) stress. <i>BMC Plant Biology</i> , 2008, 8, 87.	1.6	197
3	Diversity and Characterization of Sulfate-Reducing Bacteria in Groundwater at a Uranium Mill Tailings Site. <i>Applied and Environmental Microbiology</i> , 2001, 67, 3149-3160.	1.4	196
4	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
5	Moisture retention properties of a mycorrhizal soil. <i>Plant and Soil</i> , 2001, 230, 87-97.	1.8	174
6	Influence of Subclinical Mastitis During Early Lactation on Reproductive Parameters. <i>Journal of Dairy Science</i> , 2001, 84, 1407-1412.	1.4	168
7	Mycorrhizal influence on hydraulic and hormonal factors implicated in the control of stomatal conductance during drought. <i>Journal of Experimental Botany</i> , 1996, 47, 1541-1550.	2.4	154
8	Evaluation of diet as a cause of gastric ulcers in horses. <i>American Journal of Veterinary Research</i> , 2000, 61, 784-790.	0.3	138
9	Genetic changes in the growth of coho salmon (<i>Oncorhynchus kisutch</i>) in marine net-pens, produced by ten years of selection. <i>Aquaculture</i> , 1990, 85, 187-197.	1.7	135
10	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
11	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
12	Susceptibility of Bovine Germinal Vesicle-Stage Oocytes from Antral Follicles to Direct Effects of Heat Stress In Vitro I. <i>Biology of Reproduction</i> , 2004, 71, 1303-1308.	1.2	117
13	Gene Expression Profiling in Human Preadipocytes and Adipocytes by Microarray Analysis. <i>Journal of Nutrition</i> , 2004, 134, 762-770.	1.3	111
14	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
15	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
16	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
17	Association of CXCR2 Polymorphisms with Subclinical and Clinical Mastitis in Dairy Cattle. <i>Journal of Dairy Science</i> , 2004, 87, 2442-2448.	1.4	90
18	Endocrine profiles of dairy cows following experimentally induced clinical mastitis during early lactation. <i>Animal Reproduction Science</i> , 2000, 58, 241-251.	0.5	86

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19	Extracting Gene Networks for Low-Dose Radiation Using Graph Theoretical Algorithms. PLoS Computational Biology, 2006, 2, e89.	1.5	86
20	Modifier QTL for fatty acid composition in soybean oil. Euphytica, 2006, 152, 67-73.	0.6	84
21	Transcriptomic and metabolomic profiling of chicken adipose tissue in response to insulin neutralization and fasting. BMC Genomics, 2012, 13, 441.	1.2	84
22	Effect of diverse weathering conditions on the physicochemical properties of biodegradable plastic mulches. Polymer Testing, 2017, 62, 454-467.	2.3	83
23	Quantitative trait loci controlling sulfur containing amino acids, methionine and cysteine, in soybean seeds. Theoretical and Applied Genetics, 2006, 112, 546-553.	1.8	82
24	n-3 and n-6 polyunsaturated fatty acids differentially regulate adipose angiotensinogen and other inflammatory adipokines in part via NF- κ B-dependent mechanisms. Journal of Nutritional Biochemistry, 2012, 23, 1661-1667.	1.9	78
25	Genetic interpretation and analysis of diallel crosses with animals. Theoretical and Applied Genetics, 1983, 65, 17-23.	1.8	77
26	Effects of hydrochloric, valeric, and other volatile fatty acids on pathogenesis of ulcers in the nonglandular portion of the stomach of horses. American Journal of Veterinary Research, 2003, 64, 413-417.	0.3	75
27	Retinol Improves Development of Bovine Oocytes Compromised by Heat Stress During Maturation. Journal of Dairy Science, 2004, 87, 2449-2454.	1.4	75
28	Quantitative trait loci for agronomic traits in soybean. Plant Breeding, 2007, 126, 51-57.	1.0	66
29	Effects of hydrochloric, acetic, butyric, and propionic acids on pathogenesis of ulcers in the nonglandular portion of the stomach of horses. American Journal of Veterinary Research, 2003, 64, 404-412.	0.3	64
30	Genomic Regions Associated with Amino Acid Composition in Soybean. Molecular Breeding, 2006, 17, 79-89.	1.0	64
31	Effects of a Concentrated Lidocaine Solution on the Acute Phase Stress Response to Dehorning in Dairy Calves. Journal of Dairy Science, 2007, 90, 4232-4239.	1.4	62
32	Quantitative trait loci for β -conglycinin (7S) and glycinin (11S) fractions of soybean storage protein. JAOCS, Journal of the American Oil Chemists' Society, 2004, 81, 1005-1012.	0.8	61
33	Partitioning mycorrhizal influence on water relations of Phaseolus vulgaris into soil and plant components. Canadian Journal of Botany, 2004, 82, 503-514.	1.2	61
34	In vitro effects of hydrochloric acid and various concentrations of acetic, propionic, butyric, or valeric acids on bioelectric properties of equine gastric squamous mucosa. American Journal of Veterinary Research, 2006, 67, 1873-1882.	0.3	60
35	Relating foliar dehydration tolerance of mycorrhizal Phaseolus vulgaris to soil and root colonization by hyphae. Journal of Plant Physiology, 2003, 160, 1147-1156.	1.6	56
36	A systematic comparison of genome-scale clustering algorithms. BMC Bioinformatics, 2012, 13, S7.	1.2	55

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37	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
38	Response of Solidâ€œSeeded Soybean to Flood Irrigation. II. Flood Duration. <i>Agronomy Journal</i> , 1988, 80, 885-888.	0.9	52
39	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
40	The TALLYHO Mouse as a Model of Human Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2012, 933, 75-87.	0.4	52
41	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
42	Genotype by environment interactions and genetic correlations involving two environmental factors. <i>Theoretical and Applied Genetics</i> , 1983, 67, 75-86.	1.8	47
43	Genetic and genomic analysis of hyperlipidemia, obesity and diabetes using (C57BL/6j Ã— TALLYHO/Jngj) F2 mice. <i>BMC Genomics</i> , 2010, 11, 713.	1.2	47
44	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
45	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
46	Assessing the pulmonary toxicity of single-walled carbon nanohorns. <i>Nanotoxicology</i> , 2007, 1, 157-166.	1.6	45
47	Detrimental effects of prostaglandin F2Î± on preimplantation bovine embryos. <i>Prostaglandins and Other Lipid Mediators</i> , 2004, 73, 215-226.	1.0	44
48	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
49	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
50	Allyl Isothiocyanate and Carbon Dioxide Produced during Degradation of <i>Brassica juncea</i> Tissue in Different Soil Conditions. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1734-1739.	0.5	42
51	Correlations of stomatal conductance with hydraulic and chemical factors in several deciduous tree species in a natural habitat. <i>New Phytologist</i> , 2000, 145, 483-500.	3.5	40
52	Differential Gene Expression in Mice Infected with Distinct <i>Toxoplasma</i> Strains. <i>Infection and Immunity</i> , 2012, 80, 968-974.	1.0	39
53	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
54	Comparison of threshold selection methods for microarray gene co-expression matrices. <i>BMC Research Notes</i> , 2009, 2, 240.	0.6	37

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55	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
56	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
57	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
58	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
59	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
60	Flavor and Storage Stability of Potato Chips Fried in Cottonseed and Sunflower Oils and Palm Olein/Sunflower Oil Blends. <i>Journal of Food Science</i> , 2002, 67, 97-103.	1.5	33
61	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
62	MetabR: an R script for linear model analysis of quantitative metabolomic data. <i>BMC Research Notes</i> , 2012, 5, 596.	0.6	33
63	Fertility aspects in yearling beef bulls grazing endophyte-infected tall fescue pastures. <i>Reproduction, Fertility and Development</i> , 2005, 17, 479.	0.1	33
64	A comparison of microbial, enzymatic, chemical and near-infrared reflectance spectroscopy methods in forage evaluation. <i>Animal Feed Science and Technology</i> , 1988, 20, 219-231.	1.1	32
65	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
66	Developmental competence of bovine embryos from heat-stressed ova. <i>Journal of Dairy Science</i> , 2009, 92, 563-570.	1.4	31
67	Breast Cancer Cell Proliferation Is Inhibited by BAD. <i>Journal of Biological Chemistry</i> , 2007, 282, 28864-28873.	1.6	30
68	Soil Organic Carbon Sequestration Rates under Crop Sequence Diversity, Bio-Covers, and No-Tillage. <i>Soil Science Society of America Journal</i> , 2014, 78, 1726-1733.	1.2	30
69	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
70	Nursery performance of American and Chinese chestnuts and backcross generations in commercial tree nurseries. <i>Forestry</i> , 2012, 85, 589-600.	1.2	29
71	Angiotensinogen Gene Silencing Reduces Markers of Lipid Accumulation and Inflammation in Cultured Adipocytes. <i>Frontiers in Endocrinology</i> , 2013, 4, 10.	1.5	29
72	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

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73	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
74	Changes in <i>Neotyphodium coenophialum</i> Infestation Levels in Tall Fescue Pastures Due to Different Grazing Pressures. <i>Crop Science</i> , 1998, 38, 201-204.	0.8	27
75	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
76	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
77	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
78	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
79	Temporal Development of Gut Microbiota in Triclocarban Exposed Pregnant and Neonatal Rats. <i>Scientific Reports</i> , 2016, 6, 33430.	1.6	25
80	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
81	Effects of administration of ergotamine tartrate on fertility of yearling beef bulls. <i>Theriogenology</i> , 2005, 63, 1407-1418.	0.9	24
82	<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
83	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
84	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
85	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
86	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
87	Scalable Combinatorial Tools for Health Disparities Research. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10419-10443.	1.2	22
88	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
89	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
90	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

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91	Prevalence and Ultrastructural Characteristics of Bovine Mammary Corpora Amylacea During the Lactation Cycle. <i>Journal of Dairy Science</i> , 1985, 68, 709-717.	1.4	21
92	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
93	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
94	Effect of Feeding Gossypol in Cottonseed Meal on Growth, Semen Quality, and Spermatogenesis of Yearling Holstein Bulls. <i>Journal of Dairy Science</i> , 1989, 72, 1866-1875.	1.4	20
95	Estimates of genetic and phenotypic parameters for length and weight of marine net-pen reared coho salmon (<i>Oncorhynchus kisutch</i> Walbaum). <i>Aquaculture Research</i> , 2001, 32, 277-285.	0.9	20
96	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
97	Soil quality indices based on long-term conservation cropping systems management. , 2020, 3, e20036.		20
98	Foraging Phenology of the Formosan Subterranean Termite (Isoptera: Rhinotermitidae) in Louisiana. <i>American Midland Naturalist</i> , 1991, 125, 222.	0.2	19
99	An efficient and rapid transgenic pollen screening and detection method using flow cytometry. <i>Biotechnology Journal</i> , 2011, 6, 118-123.	1.8	19
100	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
101	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
102	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
103	Genetic estimates for length and weight of coho salmon during freshwater rearing. <i>Journal of Heredity</i> , 1982, 73, 187-191.	1.0	17
104	A comparison of exact and sequential methods in multi-stage index selection. <i>Theoretical and Applied Genetics</i> , 1983, 66, 23-28.	1.8	17
105	Doppler ultrasonographic features of thoracic limb arteries in clinically normal horses. <i>American Journal of Veterinary Research</i> , 2000, 61, 183-190.	0.3	17
106	Breaking Symmetry: Mutations Engineered into R67 Dihydrofolate Reductase, a D2-Symmetric Homotetramer Possessing a Single Active Site Pore. <i>Biochemistry</i> , 2002, 41, 15664-15675.	1.2	17
107	Novel single nucleotide polymorphisms and haplotypes within the bovine CXCR2 gene. <i>Immunogenetics</i> , 2004, 56, 355-9.	1.2	17
108	Genomic regions governing soybean seed nitrogen accumulation. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2004, 81, 77-81.	0.8	17

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109	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
110	Factors in cattle affecting embryo transfer pregnancies in recipient animals. <i>Animal Reproduction Science</i> , 2018, 199, 79-83.	0.5	17
111	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
112	Warmed-Over Flavor Development in Beef Patties Prepared by Three Dry Heat Methods. <i>Journal of Food Science</i> , 1986, 51, 1152-1155.	1.5	16
113	Analysis of a diallel cross to estimate effects of crossing on performance of red swamp crawfish, <i>Procambarus clarkii</i> . <i>Aquaculture</i> , 1994, 121, 301-312.	1.7	16
114	Age-related changes in porcine corticosteroid-binding globulin (pCBG) as determined by an enzyme-linked immunosorbent assay. <i>Domestic Animal Endocrinology</i> , 2003, 24, 323-339.	0.8	16
115	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
116	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
117	Optimization of Serum EVELISA for Milk Testing of Johne's Disease. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 749-754.	0.8	15
118	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
119	The incidence of bulimic behavior in a secondary and University school population. <i>Journal of Youth and Adolescence</i> , 1988, 17, 221-231.	1.9	14
120	Water Quality II: The Effect of Water Nitrate and Bacteria on Broiler Growth Performance. <i>Journal of Applied Poultry Research</i> , 1997, 6, 48-55.	0.6	14
121	Effects of Dietary Milk Thistle on Blood Parameters, Liver Pathology, and Hepatobiliary Scintigraphy in White Carneaux Pigeons (<i>Columba livia</i>) Challenged With B ₁ Aflatoxin. , 2009, 23, 114-124.		14
122	INDCULL Version 3.0: Independent Culling for Two or More Traits. <i>Journal of Heredity</i> , 1989, 80, 166-167.	1.0	13
123	Interference of Wild Poinsettia (<i>Euphorbia heterophylla</i>) with Soybean (<i>Glycine max</i>). <i>Weed Technology</i> , 1994, 8, 679-683.	0.4	13
124	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
125	Distribution and growth of autumn olive in a managed forest landscape. <i>Forest Ecology and Management</i> , 2013, 310, 589-599.	1.4	13
126	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

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127	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
128	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
129	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
130	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
131	Itchgrass (<i>Rottboellia cochinchinensis</i>) Interference in Soybean (<i>Glycine max</i>). <i>Weed Technology</i> , 1994, 8, 733-737.	0.4	12
132	Water Quality I: The Effect of Water Nitrate and pH on Broiler Growth Performance. <i>Journal of Applied Poultry Research</i> , 1996, 5, 330-336.	0.6	12
133	New mutation causing jaundice in mice. <i>Journal of Heredity</i> , 1985, 76, 441-446.	1.0	11
134	Common Cocklebur (<i>Xanthium strumarium</i>) Control with Reduced Rates of Soil and Foliar-Applied Imazaquin. <i>Weed Technology</i> , 1992, 6, 847-851.	0.4	11
135	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
136	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
137	Highly Dynamic Anion-Quadrupole Networks in Proteins. <i>Biochemistry</i> , 2016, 55, 6056-6069.	1.2	11
138	Restoration of the Endangered Ruth's Golden Aster (<i>Pityopsis ruthii</i>). <i>Southeastern Naturalist</i> , 2018, 17, 19-31.	0.2	11
139	Pretreatment of near Infrared Spectral Data in Fast Biomass Analysis. <i>Journal of Near Infrared Spectroscopy</i> , 2010, 18, 317-331.	0.8	10
140	Further Studies on the Role of Water in R67 Dihydrofolate Reductase. <i>Biochemistry</i> , 2013, 52, 2118-2127.	1.2	10
141	Transgenic Mice Overexpressing Renin Exhibit Glucose Intolerance and Diet-Genotype Interactions. <i>Frontiers in Endocrinology</i> , 2012, 3, 166.	1.5	10
142	Bovine intramammary infection associated immunogenic surface proteins of <i>Streptococcus uberis</i> . <i>Microbial Pathogenesis</i> , 2018, 115, 304-311.	1.3	10
143	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
144	Smoltification in the net-pen culture of accelerated coho salmon, <i>Oncorhynchus kisutch</i> Walbaum: prediction of saltwater performance. <i>Journal of Fish Biology</i> , 1983, 22, 363-370.	0.7	9

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145	Water Quality III: The Effect of Water Nitrate and Bacteria on Broiler Breeder Performance. <i>Journal of Applied Poultry Research</i> , 1997, 6, 56-63.	0.6	9
146	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
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160	Nitrogen Rate, Cover Crop, and Tillage Practice Alter Soil Chemical Properties. <i>Agronomy Journal</i> , 2015, 107, 1259-1268.	0.9	7
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