Rickie B Turley

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3253970/publications.pdf

Version: 2024-02-01

44	1,337	394421	361022
papers	citations	19 h-index	35 g-index

44	44	44	774
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptation of the bicinchoninic acid protein assay for use with microtiter plates and sucrose gradient fractions. Analytical Biochemistry, 1986, 153, 267-271.	2.4	448
2	Identification of a Third Fuzzless Seed Locus in Upland Cotton (Gossypium hirsutum L.). , 2002, 93, 359-364.		51
3	A combined functional and structural genomics approach identified an EST-SSR marker with complete linkage to the Ligon lintless-2 genetic locus in cotton (Gossypium hirsutum L.). BMC Genomics, 2011, 12, 445.	2.8	49
4	Development and regulation of three glyoxysomal enzymes during cotton seed maturation and growth. Plant Molecular Biology, 1990, 14, 137-146.	3.9	48
5	A Gly65Val substitution in an actin, GhACT_LI1, disrupts cell polarity and Fâ€actin organization resulting in dwarf, lintless cotton plants. Plant Journal, 2017, 90, 111-121.	5.7	47
6	Transcript profiling by microarray and marker analysis of the short cotton (Gossypium hirsutum L.) fiber mutant Ligon lintless-1 (Li 1). BMC Genomics, 2013, 14, 403.	2.8	43
7	Analysis of ESTs from multiple Gossypium hirsutum tissues and identification of SSRs. Genome, 2006, 49, 306-319.	2.0	42
8	Characterization of a cDNA encoding cottonseed catalase. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1990, 1049, 219-222.	2.4	38
9	Characterization of a cDNA clone encoding the complete amino acid sequence of cotton isocitrate lyase. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1990, 1049, 223-226.	2.4	38
10	Next generation genetic mapping of the Ligon-lintless-2 (Li 2) locus in upland cotton (Gossypium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	36
11	Integrated metabolomics and genomics analysis provides new insights into the fiber elongation process in Ligon lintless-2 mutant cotton (Gossypium hirsutum L.). BMC Genomics, 2013, 14, 155.	2.8	34
12	Cottonseed protein, oil, and mineral status in near-isogenic Gossypium hirsutum cotton lines expressing fuzzy/linted and fuzzless/linted seed phenotypes under field conditions. Frontiers in Plant Science, 2015, 6, 137.	3.6	32
13	Variation in photosynthetic components among photosynthetically diverse cotton genotypes. Photosynthesis Research, 1998, 56, 15-25.	2.9	31
14	Changes of ovule proteins during early fiber development in a normal and a fiberless line of cotton (Gossypium hirsutum L.). Journal of Plant Physiology, 1996, 149, 695-702.	3.5	29
15	Cottonseed Malate Synthase. Plant Physiology, 1987, 84, 1343-1349.	4.8	28
16	The inheritance model for the fiberless trait in upland cotton (Gossypium hirsutum L.) line SL1-7-1: variation on a theme. Euphytica, 2008, 164, 123-132.	1.2	27
17	Phytohormonal Networks Promote Differentiation of Fiber Initials on Pre-Anthesis Cotton Ovules Grown In Vitro and In Planta. PLoS ONE, 2015, 10, e0125046.	2.5	24
18	Ultrastructural effects of cellulose biosynthesis inhibitor herbicide on developing cotton fibers. Protoplasma, 2001, 216, 80-93.	2.1	23

#	Article	IF	Citations
19	Identification of a delta-TIP cDNA clone and determination of related A and D genome subfamilies in Gossypium species. Plant Molecular Biology, 1997, 34, 111-118.	3.9	21
20	Effects of fuzzless cottonseed phenotype on cottonseed nutrient composition in near isogenic cotton (Gossypium hirsutum L.) mutant lines under well-watered and water stress conditions1. Frontiers in Plant Science, 2013, 4, 516.	3.6	20
21	Cottonseed Malate Synthase. Plant Physiology, 1987, 84, 1350-1356.	4.8	18
22	Relationship between Cottonseed Malate Synthase Aggregation Behavior and Suborganellar Location in Glyoxysomes and Endoplasmic Reticulum. Plant Physiology, 1989, 89, 352-359.	4.8	17
23	Nucleotide sequence of cottonseed malate synthase. Nucleic Acids Research, 1990, 18, 3643-3643.	14.5	17
24	Lint development and properties of fifteen fuzzless seed lines of Upland cotton (Gossypium hirsutum) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	17
25	Mapping-by-sequencing of Ligon-lintless-1 (Li 1) reveals a cluster of neighboring genes with correlated expression in developing fibers of Upland cotton (Gossypium hirsutum L.). Theoretical and Applied Genetics, 2015, 128, 1703-1712.	3.6	17
26	Water Stress and Foliar Boron Application Altered Cell Wall Boron and Seed Nutrition in Near-Isogenic Cotton Lines Expressing Fuzzy and Fuzzless Seed Phenotypes. PLoS ONE, 2015, 10, e0130759.	2.5	17
27	Polysaccharide and glycoprotein distribution in the epidermis of cotton ovules during early fiber initiation and growth. Protoplasma, 2011, 248, 579-590.	2.1	16
28	Comparison of Protein Profiles during Cotton (Gossypium hirsutumL.) Fiber Cell Development with Partial Sequences of Two Proteins. Journal of Agricultural and Food Chemistry, 1996, 44, 4022-4027.	5.2	13
29	Identification and Expression of Cotton (Gossypium hirsutum L.) Plastidial Carbonic Anhydrase. Plant and Cell Physiology, 1999, 40, 1262-1270.	3.1	13
30	Expression of heat shock protein and trehalose-6-phosphate synthase homologues induced during water deficit in cotton. Brazilian Journal of Plant Physiology, 2002, 14, 11-20.	0.5	12
31	A cDNA Encoding Ribosomal Protein S4e from Cotton (Gossypium hirsutum L.). Plant Physiology, 1995, 108, 431-432.	4.8	11
32	Cotton benzoquinone reductase: Up-regulation during early fiber development and heterologous expression and characterization in Pichia pastoris. Plant Physiology and Biochemistry, 2008, 46, 780-785.	5.8	10
33	Expression of a phenylcoumaran benzylic ether reductase-like protein in the ovules of Gossypium hirsutum. Biologia Plantarum, 2008, 52, 759-762.	1.9	8
34	Cottonseed Protein, Oil, and Minerals in Cotton (Gossypium hirsutum L.) Lines Differing in Curly Leaf Morphology. Plants, 2021, 10, 525.	3.5	7
35	Isolation of a cotton NADP(H) oxidase homologue induced by drought stress. Pesquisa Agropecuaria Brasileira, 2000, 35, 1407-1416.	0.9	7
36	Yield and Fiber Quality of Five Pairs of Near-isogenic Cotton (Gossypium hirsutumL.) Lines Expressing Fuzzless/Linted and Fuzzy/Linted Seed Phenotypes. Journal of Crop Improvement, 2014, 28, 680-699.	1.7	6

#	Article	IF	Citations
37	Physiology of Seed and Fiber Development. , 2010, , 111-122.		6
38	Purification of plant peroxisomes in iso-osmotic metrizamide. Physiologia Plantarum, 1990, 79, 570-578.	5.2	4
39	Characterization of a cDNA encoding metallothionein 3 from cotton (Gossypium hirsutumL.). DNA Sequence, 2005, 16, 96-102.	0.7	4
40	Purification of plant peroxisomes in iso-osmotic metrizamide. Physiologia Plantarum, 1990, 79, 570-578.	5.2	3
41	Cottonseed Protein, Oil, and Mineral Nutrition in Near-Isogenic <i>Gossypium hirsutum</i> Cotton Lines Expressing Leaf Color Phenotypes under Field Conditions. Food and Nutrition Sciences (Print), 2019, 10, 834-859.	0.4	3
42	Photosynthesis and Growth of Cotton (Gossypium hirsutumL.) Lines Deficient in Chlorophyll Accumulation. Journal of Crop Improvement, 2011, 25, 323-336.	1.7	2
43	Ribosomal Protein RL44 Is Encoded by Two Subfamilies in Upland Cotton (Gossypium hirsutumL.). Biochemical and Biophysical Research Communications, 1996, 226, 32-36.	2.1	0
44	Influence of Curly Leaf Trait on Cottonseed Micro-Nutrient Status in Cotton (Gossypium hirsutum L.) Lines. Plants, 2021, 10, 1701.	3.5	0