Harry T Horner

List of Publications by Year
in descending order

32 papers	2,049 citations	430754 18 h-index	454834 30 g-index
34 all docs	34 docs citations	34 times ranked	1744 citing authors

#	Article	IF	Citations
1	Nectar biosynthesis is conserved among floral and extrafloral nectaries. Plant Physiology, 2021, 185, 1595-1616.	2.3	15
2	New insights into the functions of carbonâ€“calcium inclusions in plants. New Phytologist, 2020, 228, 845-854.	3.5	48
3	<scp>IRE</scp>1, a component of the unfolded protein response signaling pathway, protects pollen development in Arabidopsis from heat stress. Plant Journal, 2016, 88, 193-204.	2.8	113
4	Comparison of Susceptible and Resistant Maize Hybrids to Colonization by Clavibacter michiganensis subsp. nebraskensis. Plant Disease, 2016, 100, 711-717.	0.7	8
5	Determination of the Gelation Mechanism of Freezeâ€“Thawed Hen Egg Yolk. Journal of Agricultural and Food Chemistry, 2015, 63, 10170-10180.	2.4	58
6	Towards uncovering evolution of lineage-specific calcium oxalate crystal patterns in Piperales. Botany, 2015, 93, 159-169.	0.5	11
7	A comparison of leaf crystal macropatterns in the two sister genera Piper and Peperomia (Piperaceae). American Journal of Botany, 2012, 99, 983-997.	0.8	36
8	Crystal diversity and macropatterns in leaves of Oleaceae. Plant Systematics and Evolution, 2009, 282, 87-102.	0.3	19
9	Insect-mediated cross-pollination in soybean [Glycine max (L.) Merrill]: II. Phenotypic recurrent selection. Euphytica, 2008, 162, 269-280.	0.6	15
10	Crystal macropatterns in leaves of Fagaceae and Nothofagaceae: a comparative study. Plant Systematics and Evolution, 2008, 271, 239-253.	0.3	31
11	Subepidermal idioblasts and crystal macropattern in leaves of Ticodendron (Ticodendraceae). Plant Systematics and Evolution, 2008, 276, 255-260.	0.3	11
12	Tobacco Nectaries Express a Novel NADPH Oxidase Implicated in the Defense of Floral Reproductive Tissues against Microorganisms. Plant Physiology, 2007, 143, 389-399.	2.3	97
13	Transient starch metabolism in ornamental tobacco floral nectaries regulates nectar composition and release. Plant Science, 2007, 173, 277-290.	1.7	92
14	Oxalate and Phytate Concentrations in Seeds of Soybean Cultivars [Glycine max(L.) Merr.]. Journal of Agricultural and Food Chemistry, 2005, 53, 7870-7877.	2.4	33
15	Oxalate Content of Soybean Seeds (Glycine max:Â Leguminosae), Soyfoods, and Other Edible Legumes. Journal of Agricultural and Food Chemistry, 2001, 49, 4262-4266.	2.4	102
16	Mitochondrial Aldehyde Dehydrogenase Activity Is Required for Male Fertility in Maize. Plant Cell, 2001, 13, 1063-1078.	3.1	228
17	Ascorbic Acid: A Precursor of Oxalate in Crystal Idioblasts ofYucca torreyiin Liquid Root Culture. International Journal of Plant Sciences, 2000, 161, 861-868.	0.6	56
18	Early Nodulin Gene (ENOD2) Expression in Maackia amurensis Rupr. & Maxim. (Amur maackia). Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 585c-585.	0.5	0

#	Article	IF	Citations
19	Mechanisms of Genic Male Sterility. Crop Science, 1995, 35, 1527-1535.	0.8	92
20	Oak-leaf-litter rhizomorphs from Iowa and Texas: Calcium oxalate producers. Mycologia, 1995, 87, 34-40.	0.8	16
21	Q<scp>uantitative survey of sieve tube distribution in foliar terminal veins of ten dicot species</scp>. American Journal of Botany, 1994, 81, 1267-1274.	0.8	11
22	Quantitative Survey of Sieve Tube Distribution in Foliar Terminal Veins of Ten Dicot Species. American Journal of Botany, 1994, 81, 1267.	0.8	4
23	Nuclear size and DNA content of the embryo and endosperm during their initial stages of development in Glycine max (Fabaceae). American Journal of Botany, 1993, 80, 1209-1215.	0.8	7
24	Nuclear size and DNA content of the embryo and endosperm during their initial stages of development in Glycine max (Fabaceae). , 1993, 80, 1209.		2
25	ASSOCIATION OF FOUR DIFFERENT CALCIUM CRYSTALS IN THE ANTHER CONNECTIVE TISSUE AND HYPODERMAL STOMIUM OF CAPSICUM ANNUUM (SOLANACEAE) DURING MICROSPOROGENESIS. American Journal of Botany, 1992, 79, 531-541.	0.8	21
26	Association of Four Different Calcium Crystals in the Anther Connective Tissue and Hypodermal Stomium of Capsicum annuum (Solanaceae) During Microsporogenesis. American Journal of Botany, 1992, 79, 531.	0.8	19
27	MEGASPOROGENESIS AND MEGAGAMETOGENESIS IN SOYBEAN, GLYCINE MAX. American Journal of Botany, 1985, 72, 1553-1564.	0.8	32
28	Megasporogenesis and Megagametogenesis in Soybean, Glycine max. American Journal of Botany, 1985, 72, 1553.	0.8	13
29	Formation of Calcium Oxalate Crystals Associated with Apothecia of the Discomycete Dasyscypha Capitata. Mycologia, 1983, 75, 423-435.	0.8	15
30	Calcium oxalate crystals in plants. Botanical Review, The, 1980, 46, 361-427.	1.7	711
31	STIGMA, STYLE, AND OBTURATOR OF ORNITHOGALUM CAUDATUM (LILIACEAE) AND THEIR FUNCTION IN THE REPRODUCTIVE PROCESS. American Journal of Botany, 1980, 67, 1113-1131.	0.8	67
32	THE ASSOCIATION OF DRUSE CRYSTALS WITH THE DEVELOPING STOMIUM OF CAPSICUM ANNUUM (SOLANACEAE) ANTHERS. American Journal of Botany, 1980, 67, 1347-1360.	0.8	64