

Harry T Horner

List of Publications by Year in descending order

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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	Calcium oxalate crystals in plants. <i>Botanical Review</i> , The, 1980, 46, 361-427.	1.7	711
2	Mitochondrial Aldehyde Dehydrogenase Activity Is Required for Male Fertility in Maize. <i>Plant Cell</i> , 2001, 13, 1063-1078.	3.1	228
3	<sc>IRE</sc>1, a component of the unfolded protein response signaling pathway, protects pollen development in Arabidopsis from heat stress. <i>Plant Journal</i> , 2016, 88, 193-204.	2.8	113
4	Oxalate Content of Soybean Seeds (<i>Glycine max</i> : Leguminosae), Soyfoods, and Other Edible Legumes. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 4262-4266.	2.4	102
5	Tobacco Nectaries Express a Novel NADPH Oxidase Implicated in the Defense of Floral Reproductive Tissues against Microorganisms. <i>Plant Physiology</i> , 2007, 143, 389-399.	2.3	97
6	Mechanisms of Genic Male Sterility. <i>Crop Science</i> , 1995, 35, 1527-1535.	0.8	92
7	Transient starch metabolism in ornamental tobacco floral nectaries regulates nectar composition and release. <i>Plant Science</i> , 2007, 173, 277-290.	1.7	92
8	STIGMA, STYLE, AND OBTURATOR OF ORNITHOGALUM CAUDATUM (LILIACEAE) AND THEIR FUNCTION IN THE REPRODUCTIVE PROCESS. <i>American Journal of Botany</i> , 1980, 67, 1113-1131.	0.8	67
9	THE ASSOCIATION OF DRUSE CRYSTALS WITH THE DEVELOPING STOMIUM OF CAPSICUM ANNUUM (SOLANACEAE) ANTHERS. <i>American Journal of Botany</i> , 1980, 67, 1347-1360.	0.8	64
10	Determination of the Gelation Mechanism of Freeze-Thawed Hen Egg Yolk. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10170-10180.	2.4	58
11	Ascorbic Acid: A Precursor of Oxalate in Crystal Idioblasts of <i>Yucca torreyi</i> in Liquid Root Culture. <i>International Journal of Plant Sciences</i> , 2000, 161, 861-868.	0.6	56
12	New insights into the functions of carbon-calcium inclusions in plants. <i>New Phytologist</i> , 2020, 228, 845-854.	3.5	48
13	A comparison of leaf crystal macropatterns in the two sister genera <i>Piper</i> and <i>Peperomia</i> (Piperaceae). <i>American Journal of Botany</i> , 2012, 99, 983-997.	0.8	36
14	Oxalate and Phytate Concentrations in Seeds of Soybean Cultivars [<i>Glycine max</i> (L.) Merr.]. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7870-7877.	2.4	33
15	MEGASPOROGENESIS AND MEGAGAMETOGENESIS IN SOYBEAN, <i>GLYCINE MAX</i> . <i>American Journal of Botany</i> , 1985, 72, 1553-1564.	0.8	32
16	Crystal macropatterns in leaves of Fagaceae and Nothofagaceae: a comparative study. <i>Plant Systematics and Evolution</i> , 2008, 271, 239-253.	0.3	31
17	ASSOCIATION OF FOUR DIFFERENT CALCIUM CRYSTALS IN THE ANTHER CONNECTIVE TISSUE AND HYPODERMAL STOMIUM OF CAPSICUM ANNUUM (SOLANACEAE) DURING MICROSPOROGENESIS. <i>American Journal of Botany</i> , 1992, 79, 531-541.	0.8	21
18	Crystal diversity and macropatterns in leaves of Oleaceae. <i>Plant Systematics and Evolution</i> , 2009, 282, 87-102.	0.3	19

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19	Association of Four Different Calcium Crystals in the Anther Connective Tissue and Hypodermal Stomium of <i>Capsicum annuum</i> (Solanaceae) During Microsporogenesis. <i>American Journal of Botany</i> , 1992, 79, 531.	0.8	19
20	Oak-leaf-litter rhizomorphs from Iowa and Texas: Calcium oxalate producers. <i>Mycologia</i> , 1995, 87, 34-40.	0.8	16
21	Formation of Calcium Oxalate Crystals Associated with Apothecia of the Discomycete <i>Dasyscypha Capitata</i> . <i>Mycologia</i> , 1983, 75, 423-435.	0.8	15
22	Insect-mediated cross-pollination in soybean [<i>Glycine max</i> (L.) Merrill]: II. Phenotypic recurrent selection. <i>Euphytica</i> , 2008, 162, 269-280.	0.6	15
23	Nectar biosynthesis is conserved among floral and extrafloral nectaries. <i>Plant Physiology</i> , 2021, 185, 1595-1616.	2.3	15
24	Megasporogenesis and Megagametogenesis in Soybean, <i>Glycine max</i> . <i>American Journal of Botany</i> , 1985, 72, 1553.	0.8	13
25	Quantitative survey of sieve tube distribution in foliar terminal veins of ten dicot species. <i>American Journal of Botany</i> , 1994, 81, 1267-1274.	0.8	11
26	Subepidermal idioblasts and crystal macropattern in leaves of <i>Ticodendron</i> (Ticodendraceae). <i>Plant Systematics and Evolution</i> , 2008, 276, 255-260.	0.3	11
27	Towards uncovering evolution of lineage-specific calcium oxalate crystal patterns in Piperales. <i>Botany</i> , 2015, 93, 159-169.	0.5	11
28	Comparison of Susceptible and Resistant Maize Hybrids to Colonization by <i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i> . <i>Plant Disease</i> , 2016, 100, 711-717.	0.7	8
29	Nuclear size and DNA content of the embryo and endosperm during their initial stages of development in <i>Glycine max</i> (Fabaceae). <i>American Journal of Botany</i> , 1993, 80, 1209-1215.	0.8	7
30	Quantitative Survey of Sieve Tube Distribution in Foliar Terminal Veins of Ten Dicot Species. <i>American Journal of Botany</i> , 1994, 81, 1267.	0.8	4
31	Nuclear size and DNA content of the embryo and endosperm during their initial stages of development in <i>Glycine max</i> (Fabaceae). , 1993, 80, 1209.		2
32	Early Nodulin Gene (ENOD2) Expression in <i>Maackia amurensis</i> Rupr. & Maxim. (<i>Amur maackia</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996, 31, 585c-585.	0.5	0