

# Samuel P Hazen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1979510/publications.pdf>

Version: 2024-02-01

37  
papers

2,619  
citations

218677

26  
h-index

330143

37  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Network Discovery Pipeline Elucidates Conserved Time-of-Day-Specific cis-Regulatory Modules. <i>PLoS Genetics</i> , 2008, 4, e14.	3.5	474
2	Brachypodium as a Model for the Grasses: Today and the Future. <i>Plant Physiology</i> , 2011, 157, 3-13.	4.8	243
3	A Morning-Specific Phytohormone Gene Expression Program underlying Rhythmic Plant Growth. <i>PLoS Biology</i> , 2008, 6, e225.	5.6	197
4	Cellulose Synthase-Like Genes of Rice. <i>Plant Physiology</i> , 2002, 128, 336-340.	4.8	178
5	Expression profiling of rice segregating for drought tolerance QTLs using a rice genome array. <i>Functional and Integrative Genomics</i> , 2005, 5, 104-116.	3.5	103
6	Exploring the transcriptional landscape of plant circadian rhythms using genome tiling arrays. <i>Genome Biology</i> , 2009, 10, R17.	9.6	103
7	A High-Resolution Map of Arabidopsis Recombinant Inbred Lines by Whole-Genome Exon Array Hybridization. <i>PLoS Genetics</i> , 2006, 2, e144.	3.5	97
8	Rapid Array Mapping of Circadian Clock and Developmental Mutations in Arabidopsis. <i>Plant Physiology</i> , 2005, 138, 990-997.	4.8	85
9	Gene expression profiling of plant responses to abiotic stress. <i>Functional and Integrative Genomics</i> , 2003, 3, 105-111.	3.5	84
10	Functional characterization of cinnamyl alcohol dehydrogenase and caffeic acid O-methyltransferase in <i>Brachypodium distachyon</i> . <i>BMC Biotechnology</i> , 2013, 13, 61.	3.3	84
11	Perturbation of <i>Brachypodium distachyon</i> CELLULOSE SYNTHASE A4 or 7 results in abnormal cell walls. <i>BMC Plant Biology</i> , 2013, 13, 131.	3.6	81
12	Environmental niche variation and evolutionary diversification of the <i>Brachypodium distachyon</i> grass complex species in their native circum-Mediterranean range. <i>American Journal of Botany</i> , 2015, 102, 1073-1088.	1.7	73
13	Gradual polyploid genome evolution revealed by pan-genomic analysis of <i>Brachypodium hybridum</i> and its diploid progenitors. <i>Nature Communications</i> , 2020, 11, 3670.	12.8	67
14	Quantitative Trait Loci and Comparative Genomics of Cereal Cell Wall Composition. <i>Plant Physiology</i> , 2003, 132, 263-271.	4.8	64
15	Transcriptional Regulation of Grass Secondary Cell Wall Biosynthesis: Playing Catch-Up with <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2012, 3, 74.	3.6	61
16	Genotype, development and tissue-derived variation of cell-wall properties in the lignocellulosic crop <i>Miscanthus</i> . <i>Annals of Botany</i> , 2014, 114, 1265-1277.	2.9	56
17	A stress-associated protein, AtSAP13, from <i>Arabidopsis thaliana</i> provides tolerance to multiple abiotic stresses. <i>Plant, Cell and Environment</i> , 2018, 41, 1171-1185.	5.7	52
18	Climate-smart crops with enhanced photosynthesis. <i>Journal of Experimental Botany</i> , 2018, 69, 3801-3809.	4.8	50

#	ARTICLE	IF	CITATIONS
19	Gene arrays are not just for measuring gene expression. Trends in Plant Science, 2003, 8, 413-416.	8.8	47
20	Daily Changes in Temperature, Not the Circadian Clock, Regulate Growth Rate in <i>Brachypodium distachyon</i> . PLoS ONE, 2014, 9, e100072.	2.5	47
21	A cell wall reference profile for <i>Miscanthus</i> bioenergy crops highlights compositional and structural variations associated with development and organ origin. New Phytologist, 2017, 213, 1710-1725.	7.3	44
22	Grass secondary cell walls, <i>Brachypodium distachyon</i> as a model for discovery. New Phytologist, 2020, 227, 1649-1667.	7.3	40
23	Regulation of Cell Wall Thickening by a Medley of Mechanisms. Trends in Plant Science, 2019, 24, 853-866.	8.8	34
24	Cell Walls and the Developmental Anatomy of the <i>Brachypodium distachyon</i> Stem Internode. PLoS ONE, 2013, 8, e80640.	2.5	34
25	AFLP in <i>Triticum aestivum</i> L.: patterns of genetic diversity and genome distribution. Euphytica, 2002, 125, 89-102.	1.2	29
26	Biological conversion assay using <i>Clostridium phytofermentans</i> to estimate plant feedstock quality. Biotechnology for Biofuels, 2012, 5, 5.	6.2	28
27	PIL1 Participates in a Negative Feedback Loop that Regulates Its Own Gene Expression in Response to Shade. Molecular Plant, 2014, 7, 1582-1585.	8.3	27
28	Lignocellulosic feedstocks: research progress and challenges in optimizing biomass quality and yield. Frontiers in Plant Science, 2013, 4, 474.	3.6	21
29	<i>Brachypodium</i> : 20 years as a grass biology model system; the way forward?. Trends in Plant Science, 2022, 27, 1002-1016.	8.8	21
30	<i>SECONDARY WALL ASSOCIATED MYB1</i> is a positive regulator of secondary cell wall thickening in <i>Brachypodium distachyon</i> and is not found in the Brassicaceae. Plant Journal, 2018, 96, 532-545.	5.7	20
31	Changes in ambient temperature are the prevailing cue in determining <i>Brachypodium distachyon</i> diurnal gene regulation. New Phytologist, 2020, 227, 1709-1724.	7.3	16
32	Rice Genome-Scale Network Integration Reveals Transcriptional Regulators of Grass Cell Wall Synthesis. Frontiers in Plant Science, 2019, 10, 1275.	3.6	14
33	Cellulose Synthase-Like Genes of Rice. Plant Physiology, 2002, 128, 336-340.	4.8	14
34	Secondary Wall Regulating NACs Differentially Bind at the Promoter at a CELLULOSE SYNTHASE A4 Cis-eQTL. Frontiers in Plant Science, 2018, 9, 1895.	3.6	11
35	Title is missing!. Genetic Resources and Crop Evolution, 2002, 49, 439-448.	1.6	9
36	A High-Throughput Biological Conversion Assay for Determining Lignocellulosic Quality. Methods in Molecular Biology, 2012, 918, 341-349.	0.9	5

#	ARTICLE	IF	CITATIONS
37	Direct Image-Based Enumeration of Clostridium phytofermentans Cells on Insoluble Plant Biomass Growth Substrates. Applied and Environmental Microbiology, 2016, 82, 972-978.	3.1	1