

# Timothy J Tranbarger

## List of Publications by Year in descending order

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39  
papers

2,288  
citations

346980

22  
h-index

340414

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3136  
citing authors

#	ARTICLE	IF	CITATIONS
1	The acceleration of yellow lupine flower abscission by jasmonates is accompanied by lipid-related events in abscission zone cells. <i>Plant Science</i> , 2022, 316, 111173.	1.7	7
2	EPIP as an abscission promoting agent in the phytohormonal pathway. <i>Plant Physiology and Biochemistry</i> , 2022, 178, 137-145.	2.8	4
3	Multi-scale comparative transcriptome analysis reveals key genes and metabolic reprogramming processes associated with oil palm fruit abscission. <i>BMC Plant Biology</i> , 2021, 21, 92.	1.6	5
4	EPIP-Evoked Modifications of Redox, Lipid, and Pectin Homeostasis in the Abscission Zone of Lupine Flowers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3001.	1.8	8
5	A Non-Shedding Fruit <i>Elaeis oleifera</i> Palm Reveals Perturbations to Hormone Signaling, ROS Homeostasis, and Hemicellulose Metabolism. <i>Genes</i> , 2021, 12, 1724.	1.0	1
6	Environmental and trophic determinism of fruit abscission and outlook with climate change in tropical regions. <i>Plant-Environment Interactions</i> , 2020, 1, 17-28.	0.7	4
7	The PIP Peptide of INFLORESCENCE DEFICIENT IN ABSCISSION Enhances <i>Populus</i> Leaf and <i>Elaeis guineensis</i> Fruit Abscission. <i>Plants</i> , 2019, 8, 143.	1.6	22
8	<i>Elaeis oleifera</i> (Kunth) Cortáez: A neglected palm from the Ecuadorian Amazon. <i>Revista Ecuatoriana De Medicina Y Ciencias Biológicas</i> , 2018, 39, .	0.1	3
9	Improvement of the content in bioaccessible lipophilic micronutrients in raw and processed drumstick leaves ( <i>Moringa oleifera</i> Lam.). <i>LWT - Food Science and Technology</i> , 2017, 75, 279-285.	2.5	12
10	Editorial: Plant Organ Abscission: From Models to Crops. <i>Frontiers in Plant Science</i> , 2017, 8, 196.	1.7	15
11	Transcriptome Analysis of Cell Wall and NAC Domain Transcription Factor Genes during <i>Elaeis guineensis</i> Fruit Ripening: Evidence for Widespread Conservation within Monocot and Eudicot Lineages. <i>Frontiers in Plant Science</i> , 2017, 8, 603.	1.7	31
12	Cellular and Pectin Dynamics during Abscission Zone Development and Ripe Fruit Abscission of the Monocot Oil Palm. <i>Frontiers in Plant Science</i> , 2016, 7, 540.	1.7	32
13	A phenotypic test for delay of abscission and non-abscission oil palm fruit and validation by abscission marker gene expression analysis. <i>Acta Horticulturae</i> , 2016, , 97-104.	0.1	7
14	Conservation of the abscission signaling peptide IDA during Angiosperm evolution: withstanding genome duplications and gain and loss of the receptors HAE/HSL2. <i>Frontiers in Plant Science</i> , 2015, 6, 931.	1.7	50
15	Improving palm oil quality through identification and mapping of the lipase gene causing oil deterioration. <i>Nature Communications</i> , 2013, 4, 2160.	5.8	62
16	Comparative Transcriptome Analysis of Three Oil Palm Fruit and Seed Tissues That Differ in Oil Content and Fatty Acid Composition. <i>Plant Physiology</i> , 2013, 162, 1337-1358.	2.3	200
17	Temporal and spatial expression of polygalacturonase gene family members reveals divergent regulation during fleshy fruit ripening and abscission in the monocot species oil palm. <i>BMC Plant Biology</i> , 2012, 12, 150.	1.6	55
18	SSR markers in transcripts of genes linked to post-transcriptional and transcriptional regulatory functions during vegetative and reproductive development of <i>Elaeis guineensis</i> . <i>BMC Plant Biology</i> , 2012, 12, 1.	1.6	275

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19	Regulatory Mechanisms Underlying Oil Palm Fruit Mesocarp Maturation, Ripening, and Functional Specialization in Lipid and Carotenoid Metabolism. <i>Plant Physiology</i> , 2011, 156, 564-584.	2.3	190
20	Transcriptome analysis during somatic embryogenesis of the tropical monocot <i>Elaeis guineensis</i> : evidence for conserved gene functions in early development. <i>Plant Molecular Biology</i> , 2009, 70, 173-192.	2.0	59
21	Acquisition of callogenic capacity in date palm leaf tissues in response to 2,4-D treatment. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 99, 35-45.	1.2	32
22	Pluripotent versus totipotent plant stem cells: dependence versus autonomy?. <i>Trends in Plant Science</i> , 2007, 12, 245-252.	4.3	211
23	Nitrate-dependent control of root architecture and N nutrition are altered by a plant growth-promoting <i>Phyllobacterium</i> sp. <i>Planta</i> , 2006, 223, 591-603.	1.6	110
24	Regulation of the nitrate transporter gene <i>AtNRT2.1</i> in <i>Arabidopsis thaliana</i> : responses to nitrate, amino acids and developmental stage. <i>Plant Molecular Biology</i> , 2003, 52, 689-703.	2.0	213
25	Transcription factor genes with expression correlated to nitrate-related root plasticity of <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2003, 26, 459-469.	2.8	34
26	Temporal responses of <i>Arabidopsis</i> root architecture to phosphate starvation: evidence for the involvement of auxin signalling. <i>Plant, Cell and Environment</i> , 2003, 26, 1053-1066.	2.8	135
27	A macro-array-based screening approach to identify transcriptional factors involved in the nitrogen-related root plasticity response of <i>Arabidopsis thaliana</i> . <i>Agronomy for Sustainable Development</i> , 2003, 23, 519-528.	0.8	5
28	Characterization of proteinase activity in stratified Douglas-fir seeds. <i>Tree Physiology</i> , 2001, 21, 625-629.	1.4	10
29	Regulation of NADPH-cytochrome P450 reductase expressed during Douglas-fir germination and seedling development. <i>Plant Molecular Biology</i> , 2000, 44, 141-153.	2.0	5
30	The isolation of a novel metallothionein-related cDNA expressed in somatic and zygotic embryos of Douglas-fir: regulation by ABA, osmoticum, and metal ions. <i>Plant Molecular Biology</i> , 1997, 34, 243-254.	2.0	65
31	Structure and expression of a developmentally regulated cDNA encoding a cysteine protease (pseudotzain) from Douglas fir. <i>Gene</i> , 1996, 172, 221-226.	1.0	28
32	Post-germination-induced and hormonally dependent expression of low-molecular-weight heat shock protein genes in Douglas fir. <i>Plant Molecular Biology</i> , 1996, 30, 1115-1128.	2.0	35
33	Differentially Regulated Gene Sets in Douglas Fir Seeds and Somatic Embryos.. <i>Forestry Sciences</i> , 1996, , 197-204.	0.4	1
34	The molecular characterization of a set of cDNAs differentially expressed during Douglas-fir germination and early seedling development. <i>Physiologia Plantarum</i> , 1995, 95, 456-464.	2.6	16
35	A new family of lipolytic plant enzymes with members in rice, <i>arabidopsis</i> and maize. <i>FEBS Letters</i> , 1995, 377, 475-480.	1.3	97
36	The molecular characterization of a set of cDNAs differentially expressed during Douglas-fir germination and early seedling development. <i>Physiologia Plantarum</i> , 1995, 95, 456-464.	2.6	3

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37	Expression and Accumulation Patterns of Nitrogen-Responsive Lipoxygenase in Soybeans. <i>Plant Physiology</i> , 1993, 103, 457-466.	2.3	24
38	The soybean 94-kilodalton vegetative storage protein is a lipoxygenase that is localized in paraveinal mesophyll cell vacuoles.. <i>Plant Cell</i> , 1991, 3, 973-987.	3.1	184
39	The Soybean 94-Kilodalton Vegetative Storage Protein Is a Lipoxygenase That Is Localized in Paraveinal Mesophyll Cell Vacuoles. <i>Plant Cell</i> , 1991, 3, 973.	3.1	33