

# Patrick J Gulick

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,185  
citations

471509

17  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct evidence for ribonucleolytic activity of a PR-10-like protein from white lupin roots. <i>Plant Molecular Biology</i> , 2000, 42, 871-881.	3.9	161
2	Interaction network of proteins associated with abiotic stress response and development in wheat. <i>Plant Molecular Biology</i> , 2007, 63, 703-718.	3.9	126
3	Wheat EST resources for functional genomics of abiotic stress. <i>BMC Genomics</i> , 2006, 7, 149.	2.8	100
4	Regulatory gene candidates and gene expression analysis of cold acclimation in winter and spring wheat. <i>Plant Molecular Biology</i> , 2007, 64, 409-423.	3.9	96
5	Transcriptome comparison of winter and spring wheat responding to low temperature. <i>Genome</i> , 2005, 48, 913-923.	2.0	95
6	Characterization of Two cDNA Clones Which Encode O-Methyltransferases for the Methylation of both Flavonoid and Phenylpropanoid Compounds. <i>Archives of Biochemistry and Biophysics</i> , 1998, 351, 243-249.	3.0	75
7	Data mining for miRNAs and their targets in the Triticeae. <i>Genome</i> , 2008, 51, 433-443.	2.0	56
8	The Salt Stress-Inducible Protein Kinase Gene, Esi47, from the Salt-Tolerant Wheatgrass <i>Lophopyrum elongatum</i> Is Involved in Plant Hormone Signaling. <i>Plant Physiology</i> , 2001, 125, 1429-1441.	4.8	55
9	Heterotrimeric G $\beta\gamma$ subunit from wheat ( <i>Triticum aestivum</i> ), GA3, interacts with the calcium-binding protein, Clo3, and the phosphoinositide-specific phospholipase C, PI-PLC1. <i>Plant Molecular Biology</i> , 2011, 77, 145-158.	3.9	48
10	Enzymatic prenylation of isoflavones in white lupin. <i>Phytochemistry</i> , 1993, 34, 147-151.	2.9	47
11	Coordinate Gene Response to Salt Stress in <i>Lophopyrum elongatum</i> . <i>Plant Physiology</i> , 1992, 100, 1384-1388.	4.8	46
12	cDNA cloning and characterization of a 3',5'-O-methyltransferase for partially methylated flavonols from <i>Chrysosplenium americanum</i> . <i>Plant Molecular Biology</i> , 1996, 32, 1163-1169.	3.9	45
13	Identification and characterization of rye genes not expressed in allohexaploid triticale. <i>BMC Genomics</i> , 2015, 16, 281.	2.8	43
14	The $\alpha$ -tubulin gene family in wheat ( <i>Triticum aestivum</i> L.) and differential gene expression during cold acclimation. <i>Genome</i> , 2007, 50, 502-510.	2.0	36
15	Structural variation and rates of genome evolution in the grass family seen through comparison of sequences of genomes greatly differing in size. <i>Plant Journal</i> , 2018, 95, 487-503.	5.7	31
16	Selective enrichment of cDNAs from salt-stress-induced genes in the wheatgrass, <i>Lophopyrum elongatum</i> , by the formamide-phenol emulsion reassociation technique. <i>Gene</i> , 1990, 95, 173-177.	2.2	27
17	Characterization of the caleosin gene family in the Triticeae. <i>BMC Genomics</i> , 2014, 15, 239.	2.8	21
18	<i>Aegilops tauschii</i> genome assembly Aet v5.0 features greater sequence contiguity and improved annotation. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	19

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19	Characterization of the Esi3/RCI2/PMP3 gene family in the Triticeae. BMC Genomics, 2018, 19, 898.	2.8	14
20	Genetic combining ability of coriander genotypes for agronomic and phytochemical traits in response to contrasting irrigation regimes. PLoS ONE, 2018, 13, e0199630.	2.5	14
21	Gene expression analysis in the roots of salt-stressed wheat and the cytogenetic derivatives of wheat combined with the salt-tolerant wheatgrass, Lophopyrum elongatum. Plant Cell Reports, 2014, 33, 189-201.	5.6	7
22	The stress induced caleosin, RD20/CLO3, acts as a negative regulator of GPA1 in Arabidopsis. Plant Molecular Biology, 2021, 107, 159-175.	3.9	7
23	Duplicated antagonistic EPF peptides optimize grass stomatal initiation. Development (Cambridge), 2021, 148, .	2.5	6
24	Characterization and expression of the Pirin gene family in Triticum aestivum. Genome, 2022, 65, 349-362.	2.0	6
25	Characterization of the heterotrimeric G protein gene families in Triticum aestivum and related species. 3 Biotech, 2022, 12, 99.	2.2	3
26	Aegilops tauschii Genome Sequence: A Framework for Meta-analysis of Wheat QTLs. G3: Genes, Genomes, Genetics, 2019, 9, 841-853.	1.8	1
27	Molecular and biochemical characterization of two nucleoside diphosphate kinase cDNA clones from Flaveria bidentis. Genome, 1996, 39, 404-409.	2.0	0