Alan B Rose

List of Publications by Year
in descending order

23 papers	2,280 citations	361388 20 h-index	642715 23 g-index
26 all docs	26 docs citations	26 times ranked	2558 citing authors

#	Article	IF	Citations
1	Selenate-resistant mutants of Arabidopsis thaliana identify Sultr1;2, a sulfate transporter required for efficient transport of sulfate into roots. Plant Journal, 2002, 29, 475-486.	5.7	364
2	Intron-Mediated Regulation of Gene Expression. Current Topics in Microbiology and Immunology, 2008, 326, 277-290.	1.1	200
3	The effect of intron location on intron-mediated enhancement of gene expression in Arabidopsis. Plant Journal, 2004, 40, 744-751.	5.7	185
4	Promoter-Proximal Introns in Arabidopsis thaliana Are Enriched in Dispersed Signals that Elevate Gene Expression Â. Plant Cell, 2008, 20, 543-551.	6.6	160
5	Introns as Gene Regulators: A Brick on the Accelerator. Frontiers in Genetics, 2018, 9, 672.	2.3	155
6	Comparative and functional analysis of intron-mediated enhancement signals reveals conserved features among plants. Nucleic Acids Research, 2011, 39, 5328-5337.	14.5	136
7	Intron-Mediated Enhancement of Gene Expression Independent of Unique Intron Sequences and Splicing. Plant Physiology, 2000, 122, 535-542.	4.8	132
8	The enduring mystery of intron-mediated enhancement. Plant Science, 2015, 237, 8-15.	3.6	131
9	Introns act post-transcriptionally to increase expression of the Arabidopsis thaliana tryptophan pathway gene PAT1. Plant Journal, 1997, 11, 455-464.	5.7	128
10	[22] Propagation and expression of cloned genes in yeast: 2-Î¼m circle-based vectors. Methods in Enzymology, 1990, 185, 234-279.	1.0	112
11	Requirements for intron-mediated enhancement of gene expression in Arabidopsis. Rna, 2002, 8, 1444-1453.	3.5	106
12	A Phosphoribosylanthranilate Transferase Gene Is Defective in Blue Fluorescent Arabidopsis thaliana Tryptophan Mutants. Plant Physiology, 1992, 100, 582-592.	4.8	84
13	Evidence for a DNA-Based Mechanism of Intron-Mediated Enhancement. Frontiers in Plant Science, 2011, 2, 98.	3.6	60
14	Intron DNA Sequences Can Be More Important Than the Proximal Promoter in Determining the Site of Transcript Initiation. Plant Cell, 2017, 29, 843-853.	6.6	58
15	Rhizobial and Mycorrhizal Symbioses in Lotus japonicus Require Lectin Nucleotide Phosphohydrolase, Which Acts Upstream of Calcium Signaling Â Â Â. Plant Physiology, 2012, 161, 556-567.	4.8	51
16	The effects of a stimulating intron on the expression of heterologous genes in <scp>A</scp>rabidopsis thaliana. Plant Biotechnology Journal, 2013, 11, 555-563.	8.3	43
17	Plant gene expression in the age of systems biology: integrating transcriptional and post-transcriptional events. Trends in Plant Science, 2005, 10, 347-353.	8.8	40
18	Intron sequences that stimulate gene expression in Arabidopsis. Plant Molecular Biology, 2016, 92, 337-346.	3.9	36

#	Article	IF	Citations
19	Adenosine 5â€²-Phosphosulfate Kinase from Penicillium chrysogenum. Journal of Biological Chemistry, 1998, 273, 28583-28589.	3.4	35
20	An intron-derived motif strongly increases gene expression from transcribed sequences through a splicing independent mechanism in Arabidopsis thaliana. Scientific Reports, 2019, 9, 13777.	3.3	35
21	An Allelic Series of Blue Fluorescent trp1 Mutants of Arabidopsis thaliana. Genetics, 1997, 145, 197-205.	2.9	21
22	Applying Word-Based Algorithms: The IMEter. Methods in Molecular Biology, 2009, 553, 287-301.	0.9	7
23	Protoplast isolation and regeneration of fertile plants fromarabidopsis Trpmutant,trp1â€“100. Korean Journal of Biological Sciences, 1998, 2, 239-242.	0.1	0