Anthony J Conner

List of Publications by Year in descending order

45 papers	2,467 citations	236912 25 h-index	254170 43 g-index
48 all docs	48 docs citations	48 times ranked	2253 citing authors

#	Article	IF	Citations
1	A potato intragene overexpressing GSL1 confers resistance to Pectobacterium atrosepticum. New Zealand Journal of Crop and Horticultural Science, 2023, 51, 212-230.	1.3	3
2	Rejuvenation of chicory and lettuce plants following phase change in tissue culture. BMC Biotechnology, 2019, 19, 65.	3.3	5
3	Somatic cell selection for chlorsulfuron-resistant mutants in potato: identification of point mutations in the acetohydroxyacid synthase gene. BMC Biotechnology, 2017, 17, 49.	3.3	4
4	Climate Change: Seed Production and Options for Adaptation. Agriculture (Switzerland), 2016, 6, 33.	3.1	29
5	Resistance to Spongospora subterranea induced in potato by the elicitor Î²-aminobutyric acid. Australasian Plant Pathology, 2015, 44, 445-453.	1.0	3
6	Expression and purification of the antimicrobial peptide GSL1 in bacteria for raising antibodies. BMC Research Notes, 2014, 7, 777.	1.4	12
7	Structure and expression of GSL1 and GSL2 genes encoding gibberellin stimulated-like proteins in diploid and highly heterozygous tetraploid potato reveals their highly conserved and essential status. BMC Genomics, 2014, 15, 2.	2.8	33
8	GSL2 over-expression confers resistance to Pectobacterium atrosepticum in potato. Theoretical and Applied Genetics, 2014, 127, 677-689.	3.6	38
9	Applications of biotechnology and genomics in potato improvement. Plant Biotechnology Journal, 2013, 11, 907-920.	8.3	82
10	Allele diversity for the apoplastic invertase inhibitor gene from potato. Molecular Genetics and Genomics, 2012, 287, 451-460.	2.1	14
11	Genomics of Biotrophic, Plant-infecting Plasmodiophorids Using In Vitro Dual Cultures. Protist, 2011, 162, 449-461.	1.5	28
12	Facilitating the recovery of phenotypically normal transgenic lines in clonal crops: a new strategy illustrated in potato. Theoretical and Applied Genetics, 2011, 122, 1171-1177.	3.6	14
13	Regeneration of multiple shoots from transgenic potato events facilitates the recovery of phenotypically normal lines: assessing a cry9Aa2 gene conferring insect resistance. BMC Biotechnology, 2011, 11, 93.	3.3	16
14	Stable and Extreme Resistance to Common Scab of Potato Obtained Through Somatic Cell Selection. Phytopathology, 2010, 100, 460-467.	2.2	44
15	Pyramiding transgenes for potato tuber moth resistance in potato. Plant Biotechnology Reports, 2010, 4, 293-301.	1.5	6
16	The sweet potatoIbMYB1gene as a potential visible marker for sweet potato intragenic vector system. Physiologia Plantarum, 2010, 139, 229-40.	5.2	41
17	Inheritance and Epistasis of Loci Influencing Carotenoid Content in Petal and Pollen Color Variants of California Poppy (Eschscholzia californica Cham.). Journal of Heredity, 2010, 101, 750-756.	2.4	10
18	Potato Transformation with Modified Nucleotide Sequences of the cry9Aa2 Gene Improves Resistance to Potato Tuber Moth. Potato Research, 2009, 52, 367-378.	2.7	11

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19	Transformation and Regeneration of Petunia. , 2009, , 395-409.		16
20	Expression of a Chimeric Magainin Gene in Potato Confers Improved Resistance to the Phytopathogen Erwinia carotovora. The Open Plant Science Journal, 2009, 3, 14-21.	0.6	17
21	Towards disease resistance in potatoes using intragenic approaches. Communications in Agricultural and Applied Biological Sciences, 2009, 74, 667-79.	0.0	1
22	Microbial and nematode communities associated with potatoes genetically modified to express the antimicrobial peptide magainin and unmodified potato cultivars. Soil Biology and Biochemistry, 2008, 40, 1446-1459.	8.8	22
23	Intron-rich Gene Structure in the Intracellular Plant Parasite Plasmodiophora brassicae. Protist, 2007, 158, 423-433.	1.5	44
24	Intragenic vectors for gene transfer without foreign DNA. Euphytica, 2007, 154, 341-353.	1.2	62
25	Minimal T-DNA vectors suitable for agricultural deployment of transgenic plants. BioTechniques, 2006, 41, 708-710.	1.8	41
26	Directed microspore-specific recombination of transgenic alleles to prevent pollen-mediated transmission of transgenes. Plant Biotechnology Journal, 2006, 4, 445-452.	8.3	84
27	Identification of genes from the obligate intracellular plant pathogen,Plasmodiophora brassicae. FEMS Microbiology Letters, 2006, 264, 198-204.	1.8	57
28	Expression of cry1Ac9 and cry9Aa2 genes under a potato light-inducible Lhca3 promoter in transgenic potatoes for tuber moth resistance. Euphytica, 2006, 147, 297-309.	1.2	27
29	Expressing an antibacterial protein in bacteria for raising antibodies. Protein Expression and Purification, 2004, 33, 153-159.	1.3	30
30	The release of genetically modified crops into the environment. Part II. Overview of ecological risk assessment. Plant Journal, 2003, 33, 19-46.	5.7	491
31	The release of genetically modified crops into the environment. Plant Journal, 2003, 33, 1-18.	5.7	251
32	Development and Evaluation of Potatoes Transgenic for a cry1Ac9 Gene Conferring Resistance to Potato Tuber Moth. Journal of the American Society for Horticultural Science, 2002, 127, 590-596.	1.0	40
33	Food risks from transgenic crops in perspective. Nutrition, 2000, 16, 709-711.	2.4	26
34	Genetic engineering of crops as potential source of genetic hazard in the human diet. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 443, 223-234.	1.7	95
35	Meiotic stability of transgene expression is unaffected by flanking matrix-associated regions. Molecular Breeding, 1998, 4, 47-58.	2.1	15
36	Evaluation of diallel analysis using Î²-glucuronidase activity from transgenes in Nicotiana tabacum. Euphytica, 1998, 102, 161-168.	1.2	5

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37	Genotypic response of lettuce cotyledons to regeneration in vitro. Scientia Horticulturae, 1997, 71, 137-145.	3.6	22
38	Biological Potential of Extraterrestrial Materials. Icarus, 1997, 129, 245-253.	2.5	29
39	pBINPLUS: An improved plant transformation vector based on pBIN19. Transgenic Research, 1995, 4, 288-290.	2.4	496
40	Onion is a monocotyledonous host for Agrobacterium. Plant Science, 1990, 69, 249-257.	3.6	61
41	Differential solasodine accumulation in photoautotrophic and heterotrophic tissue cultures of Solanum laciniatum. Phytochemistry, 1987, 26, 2749-2750.	2.9	17
42	Simulating the Mineral Environment of Aluminium Toxic Soils in Plant Cell Culture. Journal of Experimental Botany, 1985, 36, 870-880.	4.8	34
43	An improved polyurethane support system for monitoring growth in plant cell cultures. Plant Cell, Tissue and Organ Culture, 1984, 3, 59-68.	2.3	33
44	Comparative water loss from leaves of Solanum laciniatum plants cultured in vitro and in vivo. Plant Science Letters, 1984, 36, 241-246.	1.8	42
45	Recovery of phenotypically normal transgenic potato plants is facilitated by regenerating multiple lines from transformation events: field validation using a cry9Aa2 gene conferring insect resistance. New Zealand Journal of Crop and Horticultural Science, 0, , 1-16.	1.3	0