

Raymond D Shillito

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

2,462
citations

17
h-index

27
g-index

27
ext. papers

2,524
ext. citations

9.4
avg, IF

3.79
L-index

#	Paper	IF	Citations
25	Detection of genome edits in plants from editing to seed. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2021 , 57, 595	2.3	1
24	Application of DNA- and Protein-Based Detection Methods in Agricultural Biotechnology. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1019-1028	5.7	10
23	Second Caribbean Workshop on Detection Methods for GMOs in the Food Chain Held in Barbados. <i>Cereal Foods World</i> , 2016 , 61, 38-39	2	
22	Joint Workshop on Detection Methods for GMOs in the Food Chain Held in Trinidad and Tobago. <i>Cereal Foods World</i> , 2015 , 60, 154-155	2	
21	Rice (<i>Oryza sativa</i> L.) containing the bar gene is compositionally equivalent to the nontransgenic counterpart. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 1457-65	5.7	67
20	Development of the International Life Sciences Institute Crop Composition Database. <i>Journal of Food Composition and Analysis</i> , 2004 , 17, 423-438	4.1	68
19	T-strand integration in maize protoplasts after codelivery of a T-DNA substrate and virulence genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 11726-30	11.5	63
18	Effect of DNA fragment size on transformation frequencies in tobacco (<i>Nicotiana tabacum</i>) and maize (<i>Zea mays</i>). <i>Plant Science</i> , 1995 , 110, 187-192	5.3	6
17	Selection of transformed protoplast-derived <i>Zea mays</i> colonies with phosphinothricin and a novel assay using the pH indicator chlorophenol red. <i>Planta</i> , 1993 , 190, 454	4.7	61
16	Herbicide resistance due to amplification of a mutant acetohydroxyacid synthase gene. <i>Molecular Genetics and Genomics</i> , 1992 , 233, 427-35		55
15	Cryopreservation technology for plant cell cultures. <i>Cytotechnology</i> , 1989 , 12, 163-169		8
14	Regeneration of Fertile Plants from Protoplasts of Elite Inbred Maize.. <i>Nature Biotechnology</i> , 1989 , 7, 581-587	44.5	116
13	Direct DNA transfer to protoplasts with and without electroporation 1989 , 1-16		1
12	Permeabilization of cultivated plant cells by electroporation for release of intracellularly stored secondary products. <i>Plant Cell Reports</i> , 1988 , 7, 186-8	5.1	61
11	Transgenic plants of Orchardgrass (<i>Dactylis glomerata</i> L.) from protoplasts. <i>Plant Cell Reports</i> , 1988 , 7, 469-72	5.1	124
10	[19] Direct gene transfer to protoplasts of dicotyledonous and monocotyledonous plants by a number of methods, including electroporation. <i>Methods in Enzymology</i> , 1987 , 313-336	1.7	11
9	Hybrid genes in the analysis of transformation conditions : I. Setting up a simple method for direct gene transfer in plant protoplasts. <i>Plant Molecular Biology</i> , 1987 , 8, 363-73	4.6	417

8	Genetic transformation of <i>Brassica campestris</i> var. <i>rapa</i> protoplasts with an engineered cauliflower mosaic virus genome. <i>Plant Molecular Biology</i> , 1986 , 6, 303-12	4.6	40
7	Expression in plants of two bacterial antibiotic resistance genes after protoplast transformation with a new plant expression vector. <i>Nucleic Acids Research</i> , 1986 , 14, 5857-68	20.1	297
6	Protoplasts: Isolation, culture, plant regeneration. <i>Methods in Enzymology</i> , 1986 , 118, 549-578	1.7	67
5	Molecular and general genetics of a hybrid foreign gene introduced into tobacco by direct gene transfer. <i>Molecular Genetics and Genomics</i> , 1985 , 199, 169-77		142
4	Direct gene transfer to cells of a graminaceous monocot. <i>Molecular Genetics and Genomics</i> , 1985 , 199, 183-188		205
3	Direct gene transferState of the Art and Future Potential. <i>Plant Molecular Biology Reporter</i> , 1985 , 3, 117-128		84
2	Involvement of circular intermediates in the transfer of T-DNA from <i>Agrobacterium tumefaciens</i> to plant cells. <i>Nature</i> , 1985 , 313, 191-196	50.4	122
1	Direct gene transfer to plants. <i>EMBO Journal</i> , 1984 , 3, 2717-2722	13	436