Indra K Vasil

List of Publications by Year
in descending order

176	10,348	26630	37204
papers	citations	56 h-index	96 g-index

178	178	178	3037
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Viviparous-1 developmental gene of maize encodes a novel transcriptional activator. Cell, 1991, 66, 895-905.	28.9	677
2	Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus. Nature Biotechnology, 1992, 10, 667-674.	17.5	470
3	Developing Cell and Tissue Culture Systems for the Improvement of Cereal and Grass Crops. Journal of Plant Physiology, 1987, 128, 193-218.	3.5	327
4	Plant tissue culture media. In Vitro, 1976, 12, 473-478.	1.2	309
5	Plant regeneration from cultured immature embryos and inflorescences ofTriticum aestivum L. (wheat): Evidence for somatic embryogenesis. Protoplasma, 1982, 110, 95-105.	2.1	273
6	The Viviparous-1 gene and abscisic acid activate the C1 regulatory gene for anthocyanin biosynthesis during seed maturation in maize.. Genes and Development, 1992, 6, 609-618.	5.9	242
7	Isolation and culture of cereal protoplasts. Theoretical and Applied Genetics, 1980, 56, 97-99.	3.6	221
8	Integration and expression of the high-molecular-weight glutenin subunit 1Ax1 gene into wheat. Nature Biotechnology, 1996, 14, 1155-1159.	17.5	205
9	Integrated control of seed maturation and germination programs by activator and repressor functions of Viviparous-1 of maize.. Genes and Development, 1995, 9, 2459-2469.	5.9	191
10	Accelerated production of transgenic wheat (Triticum aestivum L.) plants. Plant Cell Reports, 1996, 16, 12-17.	5.6	189
11	Evaluation of Selectable Markers for Obtaining Stable Transformants in the Gramineae. Plant Physiology, 1988, 86, 602-606.	4.8	179
12	Somatic embryogenesis in sugarcane (Saccharum officinarum L.) I. The morphology and physiology of callus formation and the ontogeny of somatic embryos. Protoplasma, 1983, 118, 169-180.	2.1	173
13	Increased Gene Expression by the First Intron of Maize Shrunken-1 Locus in Grass Species. Plant Physiology, 1989, 91, 1575-1579.	4.8	170
14	Rapid Production of Transgenic Wheat Plants by Direct Bombardment of Cultured Immature Embryos. Nature Biotechnology, 1993, 11, 1553-1558.	17.5	149
15	Progress in the Regeneration and Genetic Manipulation of Cereal Crops. Nature Biotechnology, 1988, 6, 397-402.	17.5	144
16	Physiology of pollen. Botanical Review, The, 1961, 27, 325-381.	3.9	143
17	SOMATIC EMBRYOGENESIS AND PLANT REGENERATION FROM TISSUE CULTURES OF PENNISETUM AMERICANUM, AND P. AMERICANUM x P. PURPUREUM HYBRID. American Journal of Botany, 1981, 68, 864-872.	1.7	141
18	Somatic embryogenesis in Zea mays L.. Theoretical and Applied Genetics, 1982, 62, 109-112.	3.6	141

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19	Somatic embryogenesis and plant regeneration from leaf tissues and anthers of Pennisetum purpureum Schum.. Theoretical and Applied Genetics, 1981, 59, 269-273.	3.6	140
20	Overlap of Viviparous1 (VP1) and abscisic acid response elements in the Em promoter: G-box elements are sufficient but not necessary for VP1 transactivation.. Plant Cell, 1995, 7, 1511-1518.	6.6	139
21	Molecular improvement of cereals. Plant Molecular Biology, 1994, 25, 925-937.	3.9	125
22	Somatic embryogenesis and plant regeneration from leaf tissues of Panicum maximum Jacq.. Theoretical and Applied Genetics, 1981, 59, 275-280.	3.6	119
23	The Ontogeny of Somatic Embryos of Pennisetum americanum (L.) K. Schum. I. In Cultured Immature Embryos. Botanical Gazette, 1982, 143, 454-465.	0.6	117
24	Increased insect resistance in transgenic wheat stably expressing trypsin inhibitor CMe. Molecular Breeding, 1999, 5, 53-63.	2.1	113
25	PHYSIOLOGY AND CYTOLOGY OF ANTHER DEVELOPMEENT. Biological Reviews, 1967, 42, 327-366.	10.4	112
26	Cytogenetic characterization of embryogenic callus and regenerated plants of Pennisetum americanum (L.) K. Schum. Theoretical and Applied Genetics, 1985, 69-69, 575-581.	3.6	104
27	Plant Regeneration from Protoplasts of Sugarcane (Saccharum officinarum L.). Journal of Plant Physiology, 1986, 126, 41-48.	3.5	104
28	Regeneration of Plants from Embryogenic Suspension Culture Protoplasts of Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	17.5	104
29	A history of plant biotechnology: from the Cell Theory of Schleiden and Schwann to biotech crops. Plant Cell Reports, 2008, 27, 1423-1440.	5.6	101
30	Somatic embryogenesis and plant regeneration from inflorescence segments of Pennisetum purpureum schum. (Napier or elephant grass). Plant Science Letters, 1982, 25, 147-154.	1.8	98
31	Isolation and Culture of Protoplasts of Panicum maximum Jacq. (Guinea Grass): Somatic Embryogenesis and Plantlet Formation. Zeitschrift FÃ¼r Pflanzenphysiologie, 1981, 104, 311-318.	1.4	97
32	Endogenous Abscisic Acid and Indole-3-Acetic Acid and Somatic Embryogenesis in Cultured Leaf Explants of Pennisetum purpureum Schum.. Plant Physiology, 1987, 84, 47-51.	4.8	97
33	Plant Regeneration from Friable Embryogenic Callus and Cell Suspension Cultures of Zea mays L.. Journal of Plant Physiology, 1986, 124, 399-408.	3.5	93
34	Improved efficiency and normalization of somatic embryogenesis inTriticum aestivum (wheat). Protoplasma, 1983, 117, 40-44.	2.1	92
35	Stably Transformed Callus Lines from Microprojectile Bombardment of Cell Suspension Cultures of Wheat. Nature Biotechnology, 1991, 9, 743-747.	17.5	85
36	Automated Plant Tissue Culture for Mass Propagation. Nature Biotechnology, 1988, 6, 1035-1040.	17.5	82

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37	Histology of somatic embryogenesis in cultured immature embryos of maize (Zea mays L.). Protoplasma, 1985, 127, 1-8.	2.1	76
38	Plant Regeneration From Protoplasts of Napier Grass (Pennisetum purpureum Schum.). Zeitschrift FÃ¼r Pflanzenphysiologie, 1983, 111, 233-239.	1.4	75
39	Two cold-inducible genes encoding lipid transfer protein LTP4 from barley show differential responses to bacterial pathogens. Molecular Genetics and Genomics, 1996, 252, 162-168.	2.4	73
40	Somatic Embryogenesis and Plant Regeneration from Tissue Cultures of Pennisetum americanum, and P. americanum x P. Purpureum Hybrid. American Journal of Botany, 1981, 68, 864.	1.7	73
41	Totipotency and embryogenesis in plant cell and tissue cultures. In Vitro, 1972, 8, 117-125.	1.2	72
42	CHARACTERIZATION OF AN EMBRYOGENIC CELL SUSPENSION CULTURE DERIVED FROM CULTURED INFLORESCENCES OF PENNISETUM AMERICANUM (PEARL MILLET, GRAMINEAE). American Journal of Botany, 1982, 69, 1441-1449.	1.7	72
43	Uniformity of plants regenerated from somatic embryos of Panicum maximum Jacq. (Guinea grass). Theoretical and Applied Genetics, 1984, 67, 155-159.	3.6	70
44	Characterization of an Embryogenic Cell Suspension Culture Derived from Cultured Inflorescences of Pennisetum americanum (Pearl Millet, Gramineae). American Journal of Botany, 1982, 69, 1441.	1.7	70
45	Molecular genetic improvement of cereals: transgenic wheat (Triticum aestivum L.). Plant Cell Reports, 2007, 26, 1133-1154.	5.6	68
46	Somatic Embryogenesis and Plant Regeneration from Cultured Immature Embryos of Rye (Secale) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	67
47	Plant Tissue Cultures in Genetics and Plant Breeding. Advances in Genetics, 1979, , 127-215.	1.8	66
48	Characterization and regeneration of wheat (Triticum aestivum L.) embryogenic cell suspension cultures. Plant Cell Reports, 1990, 8, 714-717.	5.6	66
49	Advances in cereal protoplast research. Physiologia Plantarum, 1992, 85, 279-283.	5.2	66
50	SOMATIC EMBRYOGENESIS AND PLANT REGENERATION IN TISSUE CULTURES OF PANICUM MAXIMUM JACQ.. American Journal of Botany, 1982, 69, 77-81.	1.7	61
51	Somatic hybridization in the Gramineae: Saccharum officinarum L. (sugarcane) and Pennisetum americanum (L.) K. Schum. (pearl millet). Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 5616-5619.	7.1	61
52	Use of amino acid analogue-resistant cell lines for selection of Nicotiana sylvestris somatic cell hybrids. Theoretical and Applied Genetics, 1979, 55, 107-112.	3.6	60
53	Growth and chlorophyll production in plant callus tissues grown in vitro. Planta, 1966, 68, 69-82.	3.2	59
54	Maize Shrunken-1 intron and exon regions increase gene expression in maize protoplasts. Plant Science, 1994, 98, 151-161.	3.6	59

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55	Evaluation of baking properties and gluten protein composition of field grown transgenic wheat lines expressing high molecular weight glutenin gene 1Ax1. Journal of Plant Physiology, 2001, 158, 521-528.	3.5	59
56	The quiescent/colorless alleles of viviparous1 show that the conserved B3 domain of VP1 is not essential for ABA-regulated gene expression in the seed. Plant Journal, 1997, 12, 1231-1240.	5.7	58
57	Genetic engineering of wheat gluten. Trends in Plant Science, 1997, 2, 292-297.	8.8	55
58	The science and politics of plant biotechnologyâ€"a personal perspective. Nature Biotechnology, 2003, 21, 849-851.	17.5	54
59	Ontogeny of somatic embryos of Pennisetum americanum. II. In cultured immature inflorescences. Canadian Journal of Botany, 1984, 62, 1629-1635.	1.1	53
60	Somatic Embryogenesis and its Consequences in the Gramineae. , 1985, , 31-47.		53
61	Developmental Morphogenesis and Genetic Manipulation in Tissue and Cell Cultures Of the Gramineae. Advances in Genetics, 1987, , 431-499.	1.8	52
62	Rapid Production of Fertile Transgenic Plants of Rye (Secale cereale L.). Nature Biotechnology, 1994, 12, 1366-1371.	17.5	52
63	Occurrence of chromosomal variations and plant regeneration from long-term-cultured citrus callus. In Vitro Cellular and Developmental Biology - Plant, 2002, 38, 472-476.	2.1	52
64	Biology of Azospirillum -Sugarcane Association: Enhancement of Nitrogenase Activity. Applied and Environmental Microbiology, 1980, 39, 642-649.	3.1	52
65	Plant Regeneration by Somatic Embryogenesis From Parts of Cultured Mature Embryos of Pennisetum americanum (L.) K. Schum. Zeitschrift FÃ¼r Pflanzenphysiologie, 1983, 111, 319-325.	1.4	51
66	Constitutive and anaerobically induced DNase-I-hypersensitive sites in the 5' region of the maize Adh1 gene. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 799-803.	7.1	51
67	Regeneration of Plants from Single Cells of Cereals and Grasses. , 1983, , 233-252.		51
68	Endive Plantlets from Freely Suspended Cells and Cell Groups Grown in vitro. Science, 1964, 146, 76-77.	12.6	48
69	The new biology of Pollen. Die Naturwissenschaften, 1973, 60, 247-253.	1.6	47
70	Regeneration of tobacco and petunia plants from protoplasts an culture of corn protoplasts. In Vitro, 1974, 10, 83-96.	1.2	47
71	Experimental Production of Pollen Haploids and their Uses. Zeitschrift FÃ¼r Pflanzenphysiologie, 1975, 76, 191-212.	1.4	47
72	Somatic hybridization in the gramineae: Pennisetum americanum (L.) K. Schum. (Pearl millet) +Panicum maximum Jacq. (Guinea grass). Molecular Genetics and Genomics, 1986, 203, 365-370.	2.4	47

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73	Physiology and Culture of Pollen. International Review of Cytology, 1987, , 127-174.	6.2	47
74	Signaling from the embryo conditions Vp1-mediated repression of alpha-amylase genes in the aleurone of developing maize seeds. Plant Journal, 1999, 19, 371-377.	5.7	47
75	Ultrastructure of the postmeiotic nuclear envelope in microspores of Podocarpus macrophyllus. Journal of Ultrastructure Research, 1970, 32, 307-315.	1.1	46
76	Formation of callus and somatic embryos from protoplasts of a commercial hybrid of maize (Zea mays) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	46
77	Agriculture: Biotechnology and food security for the 21st century: A real-world perspective. Nature Biotechnology, 1998, 16, 399-400.	17.5	46
78	Growth, Cytology and Flow Cytometry of Embryogenic Cell Suspension Cultures of Panicum maximum Jacq. and Pennisetum purpureum Schum.. Journal of Plant Physiology, 1986, 123, 211-227.	3.5	44
79	Isolation and Culture of Cereal Protoplasts I. Callus Formation from Pearl Millet (Pennisetum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	42
80	Optimization of Plant Regeneration from Long Term Embryogenic Callus Cultures of Pennisetum purpureum Schum. (Napier grass). Journal of Plant Physiology, 1984, 117, 147-156.	3.5	42
81	The Progress. Problems, and Prospects of Plant Protoplast Research. Advances in Agronomy, 1976, , 119-160.	5.2	41
82	Selection and characterization of NaCl tolerant cells from embryogenic cultures of Pennisetum purpureum schum. (Napier grass). Plant Science Letters, 1984, 37, 157-164.	1.8	40
83	HISTOLOGY OF SOMATIC EMBRYOGENESIS IN PANICUM MAXIMUM (GUINEA GRASS). American Journal of Botany, 1985, 72, 1908-1913.	1.7	40
84	Rearrangements in the mitochondrial genome of somatic hybrid cell lines of Pennisetum americanum (L.) K. Schum. + Panicum maximum Jacq.. Theoretical and Applied Genetics, 1987, 74, 15-20.	3.6	40
85	Regeneration in Cereal and Other Grass Species. , 1986, , 121-150.		40
86	Variations of Morphogenetic Behavior in Plant Tissue Cultures. I. Cichorium endivia. American Journal of Botany, 1966, 53, 860.	1.7	40
87	Plant regeneration by somatic embryogenesis from cultured young inflorescenses of Sorghum arundinaceum (Desv.) stapf. var. Sudanense (sudan grass). Plant Science Letters, 1984, 35, 153-157.	1.8	39
88	Somatic Embryogenesis and Plant Regeneration in Tissue Cultures of Panicum maximum Jacq.. American Journal of Botany, 1982, 69, 77.	1.7	39
89	Induced transfer of higher plant chloroplasts into fungal protoplasts. Science, 1975, 190, 680-680.	12.6	36
90	Somatic Embryogenesis in Long-Term Callus Cultures of Zea mays L. (Gramineae). American Journal of Botany, 1984, 71, 158.	1.7	36

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91	SOMATIC EMBRYOGENESIS IN LONGâ€TERM CALLUS CULTURES OF ZEA MAYS L. (GRAMINEAE). American Journal of Botany, 1984, 71, 158-161.	1.7	35
92	Automation of plant propagation. Plant Cell, Tissue and Organ Culture, 1994, 39, 105-108.	2.3	34
93	The story of transgenic cereals: The challenge, the debate, and the solutionâ€"A historical perspective. In Vitro Cellular and Developmental Biology - Plant, 2005, 41, 577-583.	2.1	32
94	The Dynamics of Cell Proliferation in Haploid and Diploid Tissues of Nicotiana tabacum. Zeitschrift FÃ¼r Pflanzenphysiologie, 1976, 77, 222-236.	1.4	31
95	Comparative analysis of free DNA delivery and expression into protoplasts of Panicum maximum Jacq. (Guinea grass) by electroporation and polyethylene glycol. Plant Cell Reports, 1988, 7, 499-503.	5.6	31
96	Somatic hybridization in the Gramineae: Triticum monococcum L. (Einkorn) + Pennisetum americanum (L.) K. Schum. (Pearl Millet). Journal of Plant Physiology, 1988, 132, 160-163.	3.5	31
97	The biology ofAzospirillum-sugarcane association II. Ultrastructure. Protoplasma, 1979, 101, 143-163.	2.1	29
98	Cryopreservation of immature embryos, embryogenic callus and cell suspension cultures of gramineous species. Plant Science, 1992, 83, 205-215.	3.6	29
99	Histology of Somatic Embryogenesis in Panicum maximum (Guinea Grass). American Journal of Botany, 1985, 72, 1908.	1.7	29
100	Cultivation of Excised Anthersin vitroâ€"Effect of Nucleic Acids. Journal of Experimental Botany, 1959, 10, 399-408.	4.8	28
101	Callus induction and growth from the mature embryo ofTriticum aestivum (Wheat). Protoplasma, 1983, 115, 104-113.	2.1	28
102	MORPHOLOGY AND ULTRASTRUCTURE OF EMBRYOGENIC CELL SUSPENSION CULTURES OF PANICUM MAXIMUM (GUINEA GRASS) AND PENNISETUM PURPUREUM (NAPIER GRASS). American Journal of Botany, 1986, 73, 894-901.	1.7	28
103	The Realities and Challenges of Plant Biotechnology. Nature Biotechnology, 1990, 8, 296-301.	17.5	28
104	PLANT CELL CULTURE AND SOMATIC CELL GENETICS OF CEREALS AND GRASSES11Based on an article published in Plant Molecular Biology Association Newsletter (2, 9-23. 1981).. , 1982, , 179-203.		28
105	Effect of Kinetin and Gibberellic Acid on Excised Anthers of Allium cepa. Science, 1957, 126, 1294-1295.	12.6	27
106	Variations of Morphogenetic Behavior in Plant Tissue Cultures. II. Petroselinum hortense. American Journal of Botany, 1966, 53, 869.	1.7	27
107	DNA Methylation and Embryogenic Competence in Leaves and Callus of Napiergrass (Pennisetum) Tj ETQq1 1 0.784314 rgBT /Overlo	4.8	26
108	Somatic Embryogenesis in Herbaceous Monocots. Current Plant Science and Biotechnology in Agriculture, 1995, , 417-470.	0.0	24

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109	Analysis of mitochondrial DNA from somatic hybrid cell lines of Saccharum officinarum (sugarcane) and Pennisetum americanum (pearl millet). Plant Molecular Biology, 1987, 8, 509-513.	3.9	23
110	Multiple ocs-like elements required for efficient transcription of the mannopine synthase gene of T-DNA in maize protoplasts. Plant Molecular Biology, 1992, 20, 219-233.	3.9	23
111	T<scp>he ultrastructure of zygotic embryo development in pearl millet</scp> (<i>P<scp>ennisetum) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	23
112	Overlap of Viviparous1 (VP1) and Abscisic Acid Response Elements in the Em Promoter: G-Box Elements Are Sufficient but Not Necessary for VP1 Transactivation. Plant Cell, 1995, 7, 1511.	6.6	23
113	Preferential amplification of mitochondrial DNA fragments in somatic hybrids of the Gramineae. Current Genetics, 1988, 13, 241-245.	1.7	22
114	In vitro Culture of Cereals and Grasses. , 1994, , 293-312.		22
115	Promoter Strength Comparisons of Maize Shrunken 1 and Alcohol Dehydrogenase 1 and 2 Promoters in Mono- and Dicotyledonous Species. Plant Physiology, 1988, 88, 1063-1066.	4.8	21
116	A short history of plant biotechnology. Phytochemistry Reviews, 2008, 7, 387-394.	6.5	21
117	Studies on Pollen Germination of Certain Cucurbitaceae. American Journal of Botany, 1960, 47, 239.	1.7	20
118	Proliferation of and Plant Regeneration from the Epiblast of Triticum aestivum (Wheat; Gramineae) Embryos. American Journal of Botany, 1983, 70, 1092.	1.7	20
119	The Biology of Azospirillum-sugarcane Association I. Establishment of the Association. Zeitschrift FÃ¼r Pflanzenphysiologie, 1979, 95, 141-147.	1.4	19
120	PROLIFERATION OF AND PLANT REGENERATION FROM THE EPIBLAST OF TRITICUM AESTIVUM (WHEAT;) Tj ETQq0 0 0 rgBT /Overlock 10	1.7	19
121	In vitro selection for tolerance to and overproduction of lysine by embryogenic calli and regenerated plants of Pennisetum Americanum (L.) K. Schum.. Plant Science, 1987, 50, 195-203.	3.6	19
122	Chapter 11 Protoplast Fusion and Somatic Hybridization. International Review of Cytology, 1961, 11, 21-46.	6.2	17
123	Transformation of Wheat Via Particle Bombardment. , 2006, 318, 273-284.		17
124	In vitro regeneration and genetic manipulation of grasses. Physiologia Plantarum, 1988, 73, 565-569.	5.2	16
125	Morphology and Ultrastructure of Embryogenic Cell Suspension Cultures of Panicum maximum (Guinea Grass) and Pennisetum purpureum (Napier Grass). American Journal of Botany, 1986, 73, 894.	1.7	16
126	Nucleic Acids and Survival of Excised Anthers in vitro. Science, 1959, 129, 1487-1488.	12.6	15

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127	Pollen Germination in some Gramineae: Pennisetum typhoideum. Nature, 1960, 187, 1134-1135.	27.8	15
128	Plant tissue culture and molecular biology as tools in understanding plant development and in plant improvement. Current Opinion in Biotechnology, 1991, 2, 158-163.	6.6	15
129	Cellular and Molecular Genetic Improvement of Cereals. Current Plant Science and Biotechnology in Agriculture, 1995, , 5-18.	0.0	14
130	Accelerated production of transgenic wheat (Triticum aestivum L.) plants. Plant Cell Reports, 1996, 16, 12-17.	5.6	13
131	Induction and Maintenance of Embryogenic Callus Cultures of Gramineae. , 1984, , 36-42.		13
132	Chapter 10 Isolation and Culture of Protoplasts. International Review of Cytology, 1961, 11, 1-19.	6.2	12
133	Proliferation and Plant Regeneration from the Nodal Region of Zea mays L. (Maize, Gramineae) Embryos. American Journal of Botany, 1983, 70, 951.	1.7	12
134	Chromatin structure at the 5â€² promoter region of the maize Adh2 gene and its role in gene regulation. Molecular Genetics and Genomics, 1987, 208, 185-190.	2.4	11
135	Milestones in crop biotechnologyâ€”Transgenic cassava and Agrobacterium-mediated transformation of maize. Nature Biotechnology, 1996, 14, 702-703.	17.5	11
136	Isolation and Maintenance of Embryogenic Cell Suspension Cultures of Gramineae. , 1984, , 152-158.		11
137	PROLIFERATION AND PLANT REGENERATION FROM THE NODAL REGION OF ZEA MAYS L. (MAIZE, GRAMINEAE) EMBRYOS. American Journal of Botany, 1983, 70, 951-954.	1.7	10
138	Thymidine kinase: The dissociability and its bearing on the enzyme activity in plant materials. Biochimica Et Biophysica Acta (BBA) - Specialized Section on Enzymological Subjects, 1964, 85, 50-59.	0.7	9
139	The ultrastructure of somatic embryo development in pearl millet (Pennisetum glaucum) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	9
140	Somatic Embryogenesis in Cereals. BioScience, 1981, 31, 246-248.	4.9	8
141	Transgenic Cereals Becoming a Reality. Nature Biotechnology, 1990, 8, 797-797.	17.5	8
142	Localization and Interaction of the cis-Acting Elements for Abscisic Acid, VIVIPAROUS1, and Light Activation of the C1 Gene of Maize. Plant Cell, 1996, 8, 1171.	6.6	8
143	Turning point article the wandering of a Botanist. In Vitro Cellular and Developmental Biology - Plant, 2002, 38, 383-395.	2.1	8
144	Relative Genetic Stability of Embryogenic Cultures of the Gramineae and Uniformity of Regenerated Plants. , 1986, , 108-116.		8

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145	Selection of S-(2-aminoethyl)-l-cysteine tolerance in embryogenic calli and regenerated plants of Pennisetum purpureum schum. Plant Science, 1990, 67, 203-209.	3.6	7
146	Transgenic Cereals: Triticum aestivum (wheat). Advances in Cellular and Molecular Biology of Plants, 1999, , 133-147.	0.2	7
147	Rationale for the Scale-Up and Automation of Plant Propagation. , 1991, , 1-6.		7
148	Studies on Pollen Germination of Certain Solanaceae. Bulletin of the Torrey Botanical Club, 1964, 91, 370.	0.6	6
149	The role of lectins in cell division of tissue cultures of soybean and tobacco. Zeitschrift FÃ¼r Pflanzenphysiologie, 1977, 84, 349-353.	1.4	6
150	The ultrastructure of pollen development in gymnosperms. Bulletin De La SociÃ©tÃ© Botanique De France ActualitÃ©s Botaniques, 1978, 125, 115-120.	0.0	6
151	Induction of Nitrogenase Activity in Azospirillum brasilense by Conditioned Medium from Cell Suspension Cultures of Pennisetum americanum (Pearl Millet) and Panicum maximum (Guinea Grass). Zeitschrift FÃ¼r Pflanzenphysiologie, 1982, 106, 139-147.	1.4	6
152	Improved electrofusion of protoplasts of varied fusibility by selective pairing: application of asymmetric breakdown of plasma membranes. Plant Science, 1991, 75, 93-105.	3.6	6
153	Quantitative analysis of ultrastructural changes during zygotic and somatic embryogenesis in pearl millet (Pennisetum glaucum [L.] R. Br.). Sexual Plant Reproduction, 1996, 9, 286-298.	2.2	6
154	The Ultrastructure of Zygotic Embryo Development in Pearl Millet (Pennisetum glaucum; Poaceae). American Journal of Botany, 1995, 82, 205.	1.7	6
155	The Ultrastructure of Somatic Embryo Development in Pearl Millet (Pennisetum glaucum; Poaceae). American Journal of Botany, 1996, 83, 28.	1.7	6
156	Chapter 13 Nitrogen Fixation and Plant Tissue Culture. International Review of Cytology, 1961, , 81-99.	6.2	5
157	Plant Regeneration from Embryogenic Calli, Cell Suspension Cultures and Protoplasts of Triticum aestivum L. (Wheat). Current Plant Science and Biotechnology in Agriculture, 1990, , 33-37.	0.0	5
158	Experimental Studies of the Shoot Apical Meristem of Seed Plants. I. Morphological and Cytochemical Effects of IAA Applied to the Exposed Meristem of Lupinus Albus. American Journal of Botany, 1978, 65, 40.	1.7	5
159	Somatic Hybridization and Genetic Manipulation in Plants. , 1979, , 63-84.		4
160	Preparation of Cultured Tissues for Scanning Electron Microscopy. , 1984, , 738-743.		4
161	Molecular Improvement of Cereal Crops â€" An Introduction. Advances in Cellular and Molecular Biology of Plants, 1999, , 1-8.	0.2	3
162	Somatic Embryos and Plants from Cultured Protoplasts of Pennisetum Purpureum Schum. (Napier) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		3

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163	Advances in cereal protoplast research. Physiologia Plantarum, 1992, 85, 279-283.	5.2	2
164	Embryogenic callus, cell suspension and protoplast cultures of cereals. , 1991, , 227-242.		2
165	Genetic Transformation of Wheat. , 1994, , 11-14.		2
166	Plant Biotechnology: Achievements and Opportunities at the Threshold of the 21st Century. Current Plant Science and Biotechnology in Agriculture, 1999, , 9-16.	0.0	1
167	History and evolution of the International Association for Plant Biotechnology (IAPB): 1963â€“2008. In Vitro Cellular and Developmental Biology - Plant, 2008, 44, 365-372.	2.1	1
168	High molecular weight glutenin subunits and breadmaking in wheat. Journal of Cereal Science, 2009, 49, 322.	3.7	1
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