

Luca Comai

List of Publications by Citations

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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.

154
papers

15,297
citations

58
h-index

123
g-index

165
ext. papers

17,573
ext. citations

8.3
avg, IF

6.61
L-index

#	Paper	IF	Citations
154	The advantages and disadvantages of being polyploid. <i>Nature Reviews Genetics</i> , 2005 , 6, 836-46	30.1	1398
153	Understanding mechanisms of novel gene expression in polyploids. <i>Trends in Genetics</i> , 2003 , 19, 141-7	8.5	684
152	Targeting induced local lesions IN genomes (TILLING) for plant functional genomics. <i>Plant Physiology</i> , 2000 , 123, 439-42	6.6	684
151	Targeted screening for induced mutations. <i>Nature Biotechnology</i> , 2000 , 18, 455-7	44.5	571
150	Phenotypic instability and rapid gene silencing in newly formed arabidopsis allotetraploids. <i>Plant Cell</i> , 2000 , 12, 1551-68	11.6	459
149	Genomewide nonadditive gene regulation in Arabidopsis allotetraploids. <i>Genetics</i> , 2006 , 172, 507-17	4	447
148	High-throughput screening for induced point mutations. <i>Plant Physiology</i> , 2001 , 126, 480-4	6.6	434
147	Large-scale discovery of induced point mutations with high-throughput TILLING. <i>Genome Research</i> , 2003 , 13, 524-30	9.7	420
146	Spectrum of chemically induced mutations from a large-scale reverse-genetic screen in Arabidopsis. <i>Genetics</i> , 2003 , 164, 731-40	4	401
145	Efficient discovery of DNA polymorphisms in natural populations by Ecotilling. <i>Plant Journal</i> , 2004 , 37, 778-86	6.9	370
144	Remodeling of DNA methylation and phenotypic and transcriptional changes in synthetic Arabidopsis allotetraploids. <i>Plant Physiology</i> , 2002 , 129, 733-46	6.6	325
143	Centromeric localization and adaptive evolution of an Arabidopsis histone H3 variant. <i>Plant Cell</i> , 2002 , 14, 1053-66	11.6	319
142	Discovery of chemically induced mutations in rice by TILLING. <i>BMC Plant Biology</i> , 2007 , 7, 19	5.3	312
141	Stochastic and epigenetic changes of gene expression in Arabidopsis polyploids. <i>Genetics</i> , 2004 , 167, 1961-73	4	296
140	TILLING. Traditional mutagenesis meets functional genomics. <i>Plant Physiology</i> , 2004 , 135, 630-6	6.6	286
139	Discovery of induced point mutations in maize genes by TILLING. <i>BMC Plant Biology</i> , 2004 , 4, 12	5.3	282
138	Genomic changes in synthetic Arabidopsis polyploids. <i>Plant Journal</i> , 2005 , 41, 221-30	6.9	262

137	Efficient Transfer of a Glyphosate Tolerance Gene into Tomato Using a Binary Agrobacterium Tumefaciens Vector. <i>Nature Biotechnology</i> , 1987 , 5, 726-730	44.5	258
136	Genetic and epigenetic interactions in allopolyploid plants. <i>Plant Molecular Biology</i> , 2000 , 43, 387-99	4.6	252
135	Plant genetics. A Y-chromosome-encoded small RNA acts as a sex determinant in persimmons. <i>Science</i> , 2014 , 346, 646-50	33.3	240
134	Agrobacterium mediated transformation and regeneration of Populus. <i>Molecular Genetics and Genomics</i> , 1987 , 206, 192-199		238
133	Parent-dependent loss of gene silencing during interspecies hybridization. <i>Current Biology</i> , 2006 , 16, 1322-8	6.3	228
132	A modified TILLING approach to detect induced mutations in tetraploid and hexaploid wheat. <i>BMC Plant Biology</i> , 2009 , 9, 115	5.3	226
131	The effect of stress on genome regulation and structure. <i>Annals of Botany</i> , 2004 , 94, 481-95	4.1	226
130	Chromosomal locus rearrangements are a rapid response to formation of the allotetraploid Arabidopsis suecica genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 18240-5	11.5	225
129	TILLING to detect induced mutations in soybean. <i>BMC Plant Biology</i> , 2008 , 8, 9	5.3	207
128	Single-nucleotide mutations for plant functional genomics. <i>Annual Review of Plant Biology</i> , 2003 , 54, 375-401	30.7	207
127	Significant enhancement of fatty acid composition in seeds of the allohexaploid, Camelina sativa, using CRISPR/Cas9 gene editing. <i>Plant Biotechnology Journal</i> , 2017 , 15, 648-657	11.6	205
126	Mismatch cleavage by single-strand specific nucleases. <i>Nucleic Acids Research</i> , 2004 , 32, 2632-41	20.1	199
125	Discovery of rare mutations in populations: TILLING by sequencing. <i>Plant Physiology</i> , 2011 , 156, 1257-686.6		190
124	TILLING: practical single-nucleotide mutation discovery. <i>Plant Journal</i> , 2006 , 45, 684-94	6.9	177
123	Efficient Genome-Wide Detection and Cataloging of EMS-Induced Mutations Using Exome Capture and Next-Generation Sequencing. <i>Plant Cell</i> , 2014 , 26, 1382-1397	11.6	173
122	A DNA methyltransferase homolog with a chromodomain exists in multiple polymorphic forms in Arabidopsis. <i>Genetics</i> , 1998 , 149, 307-18	4	173
121	A protocol for TILLING and Ecotilling in plants and animals. <i>Nature Protocols</i> , 2006 , 1, 2465-77	18.8	172
120	Novel and useful properties of a chimeric plant promoter combining CaMV 35S and MAS elements. <i>Plant Molecular Biology</i> , 1990 , 15, 373-81	4.6	155

119	Two callose synthases, GSL1 and GSL5, play an essential and redundant role in plant and pollen development and in fertility. <i>Plant Molecular Biology</i> , 2005 , 58, 333-49	4.6	139
118	Cis- and trans-regulatory divergence between progenitor species determines gene-expression novelty in Arabidopsis allopolyploids. <i>Nature Communications</i> , 2012 , 3, 950	17.4	119
117	A differential dosage hypothesis for parental effects in seed development. <i>Plant Cell</i> , 2004 , 16, 3174-80	11.6	114
116	Aneuploidy and genetic variation in the Arabidopsis thaliana triploid response. <i>Genetics</i> , 2005 , 170, 1979-88	4.8	114
115	Do the different parental 'heteromes' cause genomic shock in newly formed allopolyploids?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003 , 358, 1149-55	5.8	111
114	The Arabidopsis thaliana transcriptome in response to Agrobacterium tumefaciens. <i>Molecular Plant-Microbe Interactions</i> , 2006 , 19, 665-81	3.6	105
113	Naturally occurring differences in CENH3 affect chromosome segregation in zygotic mitosis of hybrids. <i>PLoS Genetics</i> , 2015 , 11, e1004970	6	103
112	Dosage-dependent deregulation of an AGAMOUS-LIKE gene cluster contributes to interspecific incompatibility. <i>Current Biology</i> , 2009 , 19, 1128-32	6.3	102
111	The maternally expressed WRKY transcription factor TTG2 controls lethality in interploidy crosses of Arabidopsis. <i>PLoS Biology</i> , 2008 , 6, 2707-20	9.7	92
110	Polyploid genome of Camelina sativa revealed by isolation of fatty acid synthesis genes. <i>BMC Plant Biology</i> , 2010 , 10, 233	5.3	87
109	The rapidly evolving centromere-specific histone has stringent functional requirements in Arabidopsis thaliana. <i>Genetics</i> , 2010 , 186, 461-71	4	80
108	High-throughput TILLING for functional genomics. <i>Methods in Molecular Biology</i> , 2003 , 236, 205-20	1.4	80
107	Trans-sensing effects: the ups and downs of being together. <i>Cell</i> , 1998 , 93, 329-32	56.2	78
106	Phenotypic consequences of aneuploidy in Arabidopsis thaliana. <i>Genetics</i> , 2010 , 186, 1231-45	4	75
105	VirE1 is a specific molecular chaperone for the exported single-stranded-DNA-binding protein VirE2 in Agrobacterium. <i>Molecular Microbiology</i> , 1999 , 31, 1795-807	4.1	75
104	FISH analysis of meiosis in Arabidopsis allopolyploids. <i>Chromosome Research</i> , 2003 , 11, 217-26	4.4	70
103	A haploid genetics toolbox for Arabidopsis thaliana. <i>Nature Communications</i> , 2014 , 5, 5334	17.4	67
102	A new technique for genetic engineering of Agrobacterium Ti plasmid. <i>Plasmid</i> , 1983 , 10, 21-30	3.3	67

101	Catastrophic chromosomal restructuring during genome elimination in plants. <i>ELife</i> , 2015 , 4,	8.9	67
100	Nuclear matrix attachment regions and plant gene expression. <i>Trends in Plant Science</i> , 1998 , 3, 91-97	13.1	66
99	Homoeolog-specific retention and use in allotetraploid <i>Arabidopsis suecica</i> depends on parent of origin and network partners. <i>Genome Biology</i> , 2010 , 11, R125	18.3	65
98	The development of an <i>Arabidopsis</i> model system for genome-wide analysis of polyploidy effects. <i>Biological Journal of the Linnean Society</i> , 2004 , 82, 689-700	1.9	62
97	Developmental expression of tomato heat-shock cognate protein 80. <i>Plant Physiology</i> , 1992 , 100, 801-1166	11.6	58
96	Rapid creation of <i>Arabidopsis</i> doubled haploid lines for quantitative trait locus mapping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4227-32	11.5	55
95	Epigenetic Regulation of the Sex Determination Gene MeGI in Polyploid Persimmon. <i>Plant Cell</i> , 2016 , 28, 2905-2915	11.6	55
94	The BOY NAMED SUE quantitative trait locus confers increased meiotic stability to an adapted natural allopolyploid of <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014 , 26, 181-94	11.6	54
93	Point Mutations in Centromeric Histone Induce Post-zygotic Incompatibility and Uniparental Inheritance. <i>PLoS Genetics</i> , 2015 , 11, e1005494	6	53
92	Sensitivity of 70-mer oligonucleotides and cDNAs for microarray analysis of gene expression in <i>Arabidopsis</i> and its related species. <i>Plant Biotechnology Journal</i> , 2004 , 2, 45-57	11.6	53
91	A System for Dosage-Based Functional Genomics in Poplar. <i>Plant Cell</i> , 2015 , 27, 2370-83	11.6	47
90	One Hundred Ways to Invent the Sexes: Theoretical and Observed Paths to Dioecy in Plants. <i>Annual Review of Plant Biology</i> , 2018 , 69, 553-575	30.7	46
89	High-throughput discovery of rare human nucleotide polymorphisms by Ecotilling. <i>Nucleic Acids Research</i> , 2006 , 34, e99	20.1	45
88	Regeneration of Plants from Protoplasts Induces Widespread Genome Instability. <i>Plant Physiology</i> , 2019 , 180, 78-86	6.6	44
87	Production of a high-efficiency TILLING population through polyploidization. <i>Plant Physiology</i> , 2013 , 161, 1604-14	6.6	40
86	Genome-wide association study for salinity tolerance at the flowering stage in a panel of rice accessions from Thailand. <i>BMC Genomics</i> , 2019 , 20, 76	4.5	39
85	Differential sensitivity of the <i>Arabidopsis thaliana</i> transcriptome and enhancers to the effects of genome doubling. <i>New Phytologist</i> , 2010 , 186, 194-206	9.8	38
84	The plant cell defense and <i>Agrobacterium tumefaciens</i> . <i>FEMS Microbiology Letters</i> , 2005 , 247, 207-13	2.9	37

83	Targeting of T7 RNA polymerase to tobacco nuclei mediated by an SV40 nuclear location signal. <i>Plant Molecular Biology</i> , 1991 , 17, 229-34	4.6	37
82	Reference genome-independent assessment of mutation density using restriction enzyme-phased sequencing. <i>BMC Genomics</i> , 2012 , 13, 72	4.5	36
81	Genetic basis for dosage sensitivity in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2007 , 3, e70	6	36
80	Downstream components of the calmodulin signaling pathway in the rice salt stress response revealed by transcriptome profiling and target identification. <i>BMC Plant Biology</i> , 2018 , 18, 335	5.3	36
79	Centromere location in is unaltered by extreme divergence in CENH3 protein sequence. <i>Genome Research</i> , 2017 , 27, 471-478	9.7	35
78	Plant centromeres . <i>Current Opinion in Plant Biology</i> , 2017 , 36, 158-167	9.9	31
77	A variety of changes, including CRISPR/Cas9-mediated deletions, in CENH3 lead to haploid induction on outcrossing. <i>Plant Biotechnology Journal</i> , 2020 , 18, 2068	11.6	31
76	De novo transcriptome sequencing in <i>Bixa orellana</i> to identify genes involved in methylerythritol phosphate, carotenoid and bixin biosynthesis. <i>BMC Genomics</i> , 2015 , 16, 877	4.5	31
75	Statistical mutation calling from sequenced overlapping DNA pools in TILLING experiments. <i>BMC Bioinformatics</i> , 2011 , 12, 287	3.6	31
74	Hybrid incompatibility in <i>Arabidopsis</i> is determined by a multiple-locus genetic network. <i>Plant Physiology</i> , 2012 , 158, 801-12	6.6	31
73	Early disruption of maternal-zygotic interaction and activation of defense-like responses in <i>Arabidopsis</i> interspecific crosses. <i>Plant Cell</i> , 2013 , 25, 2037-55	11.6	29
72	Molecular karyotyping and aneuploidy detection in <i>Arabidopsis thaliana</i> using quantitative fluorescent polymerase chain reaction. <i>Plant Journal</i> , 2006 , 48, 307-19	6.9	29
71	Distinct roles for mitogen-activated protein kinase signaling and CALMODULIN-BINDING TRANSCRIPTIONAL ACTIVATOR3 in regulating the peak time and amplitude of the plant general stress response. <i>Plant Physiology</i> , 2014 , 166, 988-96	6.6	28
70	The heat shock cognate 80 gene of tomato is flanked by matrix attachment regions. <i>Plant Molecular Biology</i> , 1996 , 32, 959-68	4.6	27
69	Arrest of embryo development in <i>Brassica napus</i> mediated by modified <i>Pseudomonas aeruginosa</i> exotoxin A. <i>Plant Molecular Biology</i> , 1992 , 18, 247-58	4.6	27
68	Large-scale polymorphism of heterochromatic repeats in the DNA of <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2007 , 7, 44	5.3	26
67	Rapid identification of lettuce seed germination mutants by bulked segregant analysis and whole genome sequencing. <i>Plant Journal</i> , 2016 , 88, 345-360	6.9	25
66	The persimmon genome reveals clues to the evolution of a lineage-specific sex determination system in plants. <i>PLoS Genetics</i> , 2020 , 16, e1008566	6	23

65	Perturbation of parentally biased gene expression during interspecific hybridization. <i>PLoS ONE</i> , 2015 , 10, e0117293	3.7	21
64	High-throughput TILLING for Arabidopsis. <i>Methods in Molecular Biology</i> , 2006 , 323, 127-35	1.4	21
63	High-Throughput Analysis of T-DNA Location and Structure Using Sequence Capture. <i>PLoS ONE</i> , 2015 , 10, e0139672	3.7	21
62	A conserved and species-specific functional interaction between the Werner syndrome-like exonuclease atWEX and the Ku heterodimer in Arabidopsis. <i>Nucleic Acids Research</i> , 2005 , 33, 6861-7	20.1	19
61	Tilling and Ecotilling for Crop Improvement 2007 , 333-349		17
60	Global analysis of the small RNA transcriptome in different ploidies and genomic combinations of a vertebrate complex--the <i>Squalius alburnoides</i> . <i>PLoS ONE</i> , 2012 , 7, e41158	3.7	17
59	Genome elimination: translating basic research into a future tool for plant breeding. <i>PLoS Biology</i> , 2014 , 12, e1001876	9.7	16
58	A toxic mutator and selection alternative to the non-Mendelian RNA cache hypothesis for hothead reversion. <i>Plant Cell</i> , 2005 , 17, 2856-8	11.6	16
57	Variation and silencing of the Heat Shock Cognate 80 gene are relieved by a bipartite downstream regulatory element. <i>Plant Journal</i> , 1996 , 9, 325-39	6.9	15
56	A comprehensive genomic scan reveals gene dosage balance impacts on quantitative traits in trees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13690-13699	11.5	14
55	Haploid Induction and Genome Instability. <i>Trends in Genetics</i> , 2019 , 35, 791-803	8.5	14
54	TILLING and ecotilling for rice. <i>Methods in Molecular Biology</i> , 2013 , 956, 39-56	1.4	14
53	MicroRNAs: key gene regulators with versatile functions. <i>Plant Molecular Biology</i> , 2012 , 80, 1	4.6	14
52	Parental squabbles and genome expression: lessons from the polyploids. <i>Journal of Biology</i> , 2009 , 8, 43		13
51	Methods for genome-wide analysis of gene expression changes in polyploids. <i>Methods in Enzymology</i> , 2005 , 395, 570-96	1.7	13
50	Impact of plant genetic engineering on foods and nutrition. <i>Annual Review of Nutrition</i> , 1993 , 13, 191-215	9	13
49	OsNucleolin1-L Expression in Arabidopsis Enhances Photosynthesis via Transcriptome Modification under Salt Stress Conditions. <i>Plant and Cell Physiology</i> , 2017 , 58, 717-734	4.9	10
48	Development of Glyphosate-Tolerant Populus Plants through Expression of a Mutant <i>aroA</i> Gene from <i>Salmonella Typhimurium</i> 1988 , 243-249		10

47	Functional polymorphism in lycopene beta-cyclase gene as a molecular marker to predict bixin production in <i>Bixa orellana</i> L. (achiote). <i>Molecular Breeding</i> , 2016 , 36, 1	3.4	9
46	Molecular Karyotyping and Exome Analysis of Salt-Tolerant Rice Mutant from Somaclonal Variation. <i>Plant Genome</i> , 2014 , 7, plantgenome2014.04.0016	4.4	9
45	Chemical- and Irradiation-Induced Mutants and TILLING 2007 , 148-180		9
44	Mutation of the imprinted gene OsEMF2a induces autonomous endosperm development and delayed cellularization in rice. <i>Plant Cell</i> , 2021 , 33, 85-103	11.6	9
43	Genomic Outcomes of Haploid Induction Crosses in Potato (L.). <i>Genetics</i> , 2020 , 214, 369-380	4	9
42	Photosynthetic responses and identification of salt tolerance genes in a chromosome segment substitution line of 'Khao dawk Mali 105' rice. <i>Environmental and Experimental Botany</i> , 2018 , 155, 497-508 ^{5.9}		8
41	Comparative Genomic Analysis of Rice with Contrasting Photosynthesis and Grain Production under Salt Stress. <i>Genes</i> , 2019 , 10,	4.2	8
40	Chromosome Dosage Analysis in Plants Using Whole Genome Sequencing. <i>Bio-protocol</i> , 2016 , 6,	0.9	7
39	Unequal contribution of two paralogous CENH3 variants in cowpea centromere function. <i>Communications Biology</i> , 2020 , 3, 775	6.7	7
38	Rice Overexpressing Reveals Differential Gene Expression Leading to Yield Loss Reduction after Salt Stress at the Booting Stage. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	7
37	Detection of Chromothripsis in Plants. <i>Methods in Molecular Biology</i> , 2018 , 1769, 119-132	1.4	6
36	Phenotypic Instability and Rapid Gene Silencing in Newly Formed Arabidopsis Allotetraploids. <i>Plant Cell</i> , 2000 , 12, 1551	11.6	6
35	Mutant Resources for Functional Analysis of the Rice Genome 2013 , 81-115		6
34	Impact of genetic engineering on crop protection. <i>Crop Protection</i> , 1984 , 3, 399-408	2.7	5
33	Creation and Genomic Analysis of Irradiation Hybrids in Populus. <i>Current Protocols in Plant Biology</i> , 2016 , 1, 431-450	2.8	4
32	Transgene-induced gene silencing is not affected by a change in ploidy level. <i>PLoS ONE</i> , 2008 , 3, e3061	3.7	4
31	Tilling by sequencing. <i>Methods in Molecular Biology</i> , 2015 , 1284, 359-80	1.4	4
30	A systems genetics approach to deciphering the effect of dosage variation on leaf morphology in Populus. <i>Plant Cell</i> , 2021 , 33, 940-960	11.6	4

29	Translocation and duplication from CRISPR-Cas9 editing in <i>Arabidopsis thaliana</i>		4
28	Genetic variation and temperature affects hybrid barriers during interspecific hybridization. <i>Plant Journal</i> , 2020 , 101, 122-140	6.9	4
27	Next-Generation Sequencing for Targeted Discovery of Rare Mutations in Rice 2017 , 323-340		3
26	Genetic and epigenetic interactions in allopolyploid plants 2000 , 267-279		3
25	Unequal contribution of two paralogous centromeric histones to function the cowpea centromere		3
24	Rare instances of haploid inducer DNA in potato dihaploids and ploidy-dependent genome instability. <i>Plant Cell</i> , 2021 , 33, 2149-2163	11.6	3
23	Data in support of photosynthetic responses in a chromosome segment substitution line of 'Khao Dawk Mali 105' rice at seedling stage. <i>Data in Brief</i> , 2018 , 21, 307-312	1.2	3
22	Epigenetically mismatched parental centromeres trigger genome elimination in hybrids. <i>Science Advances</i> , 2021 , 7, eabk1151	14.3	2
21	POPE: Pipeline of Parentally-Biased Expression. <i>Lecture Notes in Computer Science</i> , 2012 , 177-188	0.9	2
20	Drought-Tolerance Gene Identification Using Genome Comparison and Co-Expression Network Analysis of Chromosome Substitution Lines in Rice. <i>Genes</i> , 2020 , 11,	4.2	2
19	A TILLING by sequencing approach to identify induced mutations in sunflower genes. <i>Scientific Reports</i> , 2021 , 11, 9885	4.9	2
18	Generation of camelina mid-oleic acid seed oil by identification and stacking of fatty acid biosynthetic mutants. <i>Industrial Crops and Products</i> , 2021 , 159, 113074	5.9	2
17	The taming of the shrub. <i>Nature Plants</i> , 2018 , 4, 742-743	11.5	2
16	Rare instances of haploid inducer DNA in potato dihaploids and ploidy-dependent genome instability		1
15	Widespread genome instability in <i>Solanum tuberosum</i> plants regenerated from protoplasts		1
14	LD-CNV: rapid and simple discovery of chromosomal translocations using linkage disequilibrium between copy number variable loci		1
13	Efficient construction of a linkage map and haplotypes for <i>Mentha suaveolens</i> using sequence capture. <i>G3: Genes, Genomes, Genetics</i> , 2021 , 11,	3.2	1
12	Biased removal and loading of centromeric histone H3 during reproduction underlies uniparental genome elimination		1

11	Chromoanagenesis from radiation-induced genome damage in Populus. <i>PLoS Genetics</i> , 2021 , 17, e1009785		1
10	LD-CNV: rapid and simple discovery of chromosomal translocations using linkage disequilibrium between copy number variable loci. <i>Genetics</i> , 2021 , 219,	4	1
9	Identification of Key Genes in 'Luang Pratahn', Thai Salt-Tolerant Rice, Based on Time-Course Data and Weighted Co-expression Networks.. <i>Frontiers in Plant Science</i> , 2021 , 12, 744654	6.2	o
8	Salt stress responses and SNP-based phylogenetic analysis of Thai rice cultivars.. <i>Plant Genome</i> , 2022 , e20189	4.4	o
7	PL-4 (CIP596131.4): an Improved Potato Haploid Inducer. <i>American Journal of Potato Research</i> , 2021 , 98, 255-262	2.1	o
6	Combining Genome and Gene Co-expression Network Analyses for the Identification of Genes Potentially Regulating Salt Tolerance in Rice. <i>Frontiers in Plant Science</i> , 2021 , 12, 704549	6.2	o
5	Diploid mint (M. longifolia) can produce spearmint type oil with a high yield potential. <i>Scientific Reports</i> , 2021 , 11, 23521	4.9	o
4	Determining Mutation Density Using Restriction Enzyme Sequence Comparative Analysis (RESCAN) 2017 , 305-321		
3	The passionate life of Simon Chan. <i>Genome Biology</i> , 2013 , 14, 103	18.3	
2	Genetic Basis for Dosage Sensitivity in A. thaliana. <i>PLoS Genetics</i> , 2005 , preprint, e70	6	
1	EXPRESSION IN PLANTS OF A BACTERIAL GENE CODING FOR GLYPHOSATE RESISTANCE 1985 , 329-338		