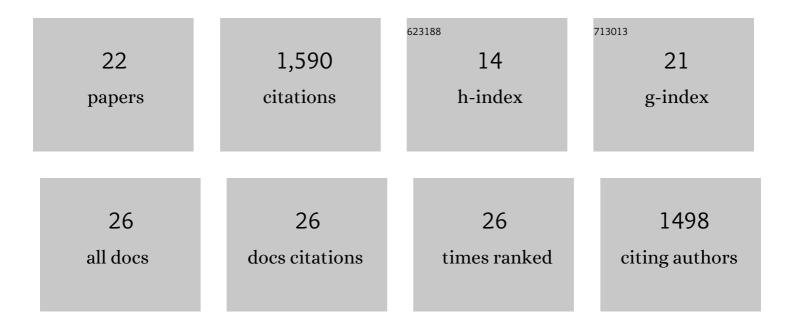
Ravi Maruthachalam

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7198517/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Understanding and exploiting uniparental genome elimination in plants: insights from <i>Arabidopsis thaliana</i> . Journal of Experimental Botany, 2021, 72, 4646-4662.	2.4	7
2	Cantil – a new organ or a morphological oddity?. New Phytologist, 2021, 232, 1904-1908.	3.5	0
3	Epigenetically mismatched parental centromeres trigger genome elimination in hybrids. Science Advances, 2021, 7, eabk1151.	4.7	35
4	The kinetochore protein NNF1 has a moonlighting role in the vegetative development of Arabidopsis thaliana. Plant Journal, 2021, , .	2.8	4
5	Natural epialleles of Arabidopsis SUPERMAN display superwoman phenotypes. Communications Biology, 2020, 3, 772.	2.0	11
6	MutSâ€Homolog2 silencing generates tetraploid meiocytes in tomato (<i>Solanum lycopersicum</i>). Plant Direct, 2018, 2, e00017.	0.8	5
7	The Polycomb-Group Repressor MEDEA Attenuates Pathogen Defense. Plant Physiology, 2018, 177, 1728-1742.	2.3	26
8	The Generation of Doubled Haploid Lines for QTL Mapping. Methods in Molecular Biology, 2017, 1610, 39-57.	0.4	6
9	Genome Elimination by Tailswap CenH3: In Vivo Haploid Production in Arabidopsis thaliana. Methods in Molecular Biology, 2016, 1469, 77-99.	0.4	9
10	Catastrophic chromosomal restructuring during genome elimination in plants. ELife, 2015, 4, .	2.8	104
11	Hybrid recreation by reverse breeding in Arabidopsis thaliana. Nature Protocols, 2014, 9, 761-772.	5.5	37
12	A haploid genetics toolbox for Arabidopsis thaliana. Nature Communications, 2014, 5, 5334.	5.8	100
13	Rapid creation of <i>Arabidopsis</i> doubled haploid lines for quantitative trait locus mapping. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4227-4232.	3.3	68
14	Reverse breeding in Arabidopsis thaliana generates homozygous parental lines from a heterozygous plant. Nature Genetics, 2012, 44, 467-470.	9.4	97
15	Synthetic Clonal Reproduction Through Seeds. Science, 2011, 331, 876-876.	6.0	115
16	Meiosis-Specific Loading of the Centromere-Specific Histone CENH3 in Arabidopsis thaliana. PLoS Genetics, 2011, 7, e1002121.	1.5	111
17	Haploid plants produced by centromere-mediated genome elimination. Nature, 2010, 464, 615-618.	13.7	483
18	The Rapidly Evolving Centromere-Specific Histone Has Stringent Functional Requirements in <i>Arabidopsis thaliana</i> . Genetics, 2010, 186, 461-471.	1.2	101

#	Article	IF	CITATIONS
19	The plant adherin <i>AtSCC2</i> is required for embryogenesis and sisterâ€chromatid cohesion during meiosis in Arabidopsis. Plant Journal, 2009, 59, 1-13.	2.8	28
20	Molecular approaches for the fixation of plant hybrid vigor. Biotechnology Journal, 2009, 4, 342-347.	1.8	2
21	Gamete formation without meiosis in Arabidopsis. Nature, 2008, 451, 1121-1124.	13.7	192
22	AtMND1 is required for homologous pairing during meiosis in Arabidopsis. BMC Molecular Biology, 2006, 7, 24.	3.0	36