Ian K Greaves

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9059604/publications.pdf

Version: 2024-02-01

27	2,072	361413	526287
papers	citations	20 h-index	27 g-index

27	27	27	2256
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strategies to improve field establishment of canola: A review. Advances in Agronomy, 2022, , 133-177.	5.2	3
2	Arabidopsis Col/Ler and Ws/Ler hybrids and Hybrid Mimics produce seed yield heterosis through increased height, inflorescence branch and silique number. Planta, 2020, 252, 40.	3.2	5
3	In Arabidopsis hybrids and Hybrid Mimics, upâ€regulation of cell wall biogenesis is associated with the increased plant size. Plant Direct, 2019, 3, e00174.	1.9	6
4	Senescence and Defense Pathways Contribute to Heterosis. Plant Physiology, 2019, 180, 240-252.	4.8	21
5	Genome-wide analyses of four major histone modifications in Arabidopsis hybrids at the germinating seed stage. BMC Genomics, 2017, 18, 137.	2.8	23
6	PIF4-controlled auxin pathway contributes to hybrid vigor in Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3555-E3562.	7.1	35
7	Early changes of gene activity in developing seedlings of Arabidopsis hybrids relative to parents may contribute to hybrid vigour. Plant Journal, 2016, 88, 597-607.	5.7	37
8	Twenty-fourâ€“nucleotide siRNAs produce heritable trans-chromosomal methylation in F1 Arabidopsis hybrids. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6895-E6902.	7.1	36
9	Hybrid mimics and hybrid vigor in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4959-67.	7.1	51
10	Epigenetic Changes in Hybrids. Plant Physiology, 2015, 168, 1197-1205.	4.8	102
11	Hormone-regulated defense and stress response networks contribute to heterosis inArabidopsisF1 hybrids. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6397-406.	7.1	110
12	Inheritance of Trans Chromosomal Methylation patterns from Arabidopsis F1 hybrids. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2017-2022.	7.1	69
13	Intraspecific Arabidopsis Hybrids Show Different Patterns of Heterosis Despite the Close Relatedness of the Parental Genomes Â Â. Plant Physiology, 2014, 166, 265-280.	4.8	77
14	The role of epigenetics in hybrid vigour. Trends in Genetics, 2013, 29, 684-690.	6.7	137
15	Trans-chromosomal methylation. Epigenetics, 2012, 7, 800-805.	2.7	24
16	Trans Chromosomal Methylation in Arabidopsis hybrids. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3570-3575.	7.1	202
17	Epigenetics in plantsâ€”vernalisation and hybrid vigour. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2011, 1809, 427-437.	1.9	61
18	Changes in 24-nt siRNA levels in Arabidopsis hybrids suggest an epigenetic contribution to hybrid vigor. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2617-2622.	7.1	310

#	Article	IF	Citations
19	Specific patterns of histone marks accompany X chromosome inactivation in a marsupial. Chromosome Research, 2009, 17, 115-26.	2.2	48
20	Gene knockdown by ecdysone-based inducible RNAi in stable mammalian cell lines. Nature Protocols, 2008, 3, 79-88.	12.0	22
21	H2A.Z contributes to the unique 3D structure of the centromere. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 525-530.	7.1	153
22	Core-SINE blocks comprise a large fraction of monotreme genomes; implications for vertebrate chromosome evolution. Chromosome Research, 2007, 15, 975-984.	2.2	6
23	The X and Y Chromosomes Assemble into H2A.Z, Containing Facultative Heterochromatin, following Meiosis. Molecular and Cellular Biology, 2006, 26, 5394-5405.	2.3	111
24	The replacement histone H2A.Z in a hyperacetylated form is a feature of active genes in the chicken. Nucleic Acids Research, 2005, 33, 5633-5639.	14.5	150
25	RNA interference demonstrates a novel role for H2A.Z in chromosome segregation. Nature Structural and Molecular Biology, 2004, 11, 650-655.	8.2	205
26	Conservation of chromosome arrangement and position of the X in mammalian sperm suggests functional significance. Chromosome Research, 2003, 11, 503-512.	2.2	49
27	Chromosomal painting detects non-random chromosome arrangement in dasyurid marsupial sperm. Chromosome Research, 2001, 9, 251-259.	2.2	19