Paul Kron

List of Publications by Year
in descending order

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32 papers	1,128 citations	430442 18 h-index	476904 29 g-index
33 all docs	33 docs citations	33 times ranked	1376 citing authors

#	Article	IF	Citations
1	Applications of Flow Cytometry to Evolutionary and Population Biology. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 847-876.	3.8	164
2	Characterizing polyploidy in Arabidopsis lyrata using chromosome counts and flow cytometry. Canadian Journal of Botany, 2004, 82, 185-197.	1.2	83
3	Frequency and maintenance of unreduced gametes in natural plant populations: associations with reproductive mode, life history and genome size. New Phytologist, 2017, 214, 879-889.	3.5	83
4	Evolutionary Dynamics of Unreduced Gametes. Trends in Genetics, 2017, 33, 583-593.	2.9	69
5	Using flow cytometry to estimate pollen DNA content: improved methodology and applications. Annals of Botany, 2012, 110, 1067-1078.	1.4	59
6	The effects of rapid desiccation on estimates of plant genome size. Chromosome Research, 2011, 19, 825-842.	1.0	47
7	Cytotype coexistence leads to triploid hybrid production in a diploidâ€“tetraploid contact zone of Chamerion angustifolium (Onagraceae). American Journal of Botany, 2013, 100, 962-970.	0.8	44
8	Hybridization and the reproductive pathways mediating gene flow between nativeMalusÂcoronariaand domestic apple,M.Âdomestica. Botany, 2009, 87, 864-874.	0.5	38
9	Self-compatibility, autonomous self-pollination, and insect-mediated pollination in the clonal species Iris versicolor. Canadian Journal of Botany, 1993, 71, 1503-1509.	1.2	36
10	Sexing pollen reveals female bias in a dioecious plant. New Phytologist, 2007, 175, 185-194.	3.5	36
11	Environmental correlates of cytotype distribution in Andropogon gerardii (Poaceae). American Journal of Botany, 2015, 102, 92-102.	0.8	36
12	flowPloidy: An R package for genome size and ploidy assessment of flow cytometry data. Applications in Plant Sciences, 2018, 6, e01164.	0.8	33
13	An update to the Canadian range, abundance, and ploidy of Camelina spp. (Brassicaceae) east of the Rocky Mountains. Botany, 2017, 95, 405-417.	0.5	30
14	The effects of pollen diversity on plant reproduction: insights from apple. Sexual Plant Reproduction, 2006, 19, 125-131.	2.2	28
15	Genetic and environmental determinants of unreduced gamete production in Brassica napus, Sinapis arvensis and their hybrids. Heredity, 2016, 117, 440-448.	1.2	26
16	Across- and along-row pollen dispersal in high-density apple orchards: Insights from allozyme markers. Journal of Horticultural Science and Biotechnology, 2001, 76, 286-294.	0.9	24
17	Sexual hybridization between Capsella bursaâ€pastoris (L.) Medik (â™€) and Camelina sativa (L.) Crantz (â™‚) (Brassicaceae). Plant Breeding, 2015, 134, 212-220.	1.0	24
18	Factors Affecting Pollen Dispersal in High-density Apple Orchards. Hortscience: A Publication of the American Society for Hortcultural Science, 2001, 36, 1039-1046.	0.5	24

#	Article	IF	Citations
19	Isolation of plant nuclei for estimation of nuclear DNA content: Overview and best practices. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, 99, 318-327.	1.1	19
20	The consequences of clone size for paternal and maternal success in domestic apple (Malus Ã— Tj ETQq0 0 0 rgBT /Overlock 10	0.8	16
21	Evaluating the relationship between diploid and tetraploid Vaccinium oxycoccos (Ericaceae) in eastern Canada. Botany, 2015, 93, 623-636.	0.5	16
22	Best practices in plant cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, 99, 311-317.	1.1	16
23	Distinguishing 2N gamete nuclei from doublets in pollen using flow cytometry and pulse analysis. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 943-957.	1.1	15
24	Flow cytometric analysis of pollen and spores: An overview of applications and methodology. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, 99, 348-358.	1.1	14
25	Phenological regulation of opportunities for within-inflorescence geitonogamy in the clonal species, iris versicolor (iridaceae). , 1996, 83, 1033.		14
26	Phenological regulation of opportunities for withinâ€inflorescence geitonogamy in the clonal species, iris versicolor (iridaceae). American Journal of Botany, 1996, 83, 1033-1040.	0.8	13
27	The origins and evolutionary history of feral apples in southern Canada. Molecular Ecology, 2020, 29, 1776-1790.	2.0	11
28	Flow cytometric analysis of pollen grains collected from individual bees provides information about pollen load composition and foraging behaviour. Annals of Botany, 2014, 113, 191-197.	1.4	7
29	Endopolyploidy, genome size, and flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 887-889.	1.1	6
30	Variability in the expression of a rhizome architecture model in a natural population of Iris versicolor (Iridaceae). American Journal of Botany, 1994, 81, 1128-1138.	0.8	5
31	Variability in the expression of a rhizome architecture model in a natural population of Iris versicolor (Iridaceae). , 1994, 81, 1128.		5
32	Transfer of 2,4-D-resistance from Raphanus raphanistrum into Brassica napus: production of F₁ hybrids through embryo rescue. Canadian Journal of Plant Science, 2016, 96, 384-386.	0.3	0