Bohuslav Janousek

List of Publications by Year
in descending order

34	977	471509 17	454955 30
papers	citations	h-index	g-index

36	36	36	861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Geometric Models for Shape Quantification of the Dorsal View in Seeds of Silene Species. Plants, 2022, 11, 958.	3.5	8
2	The evolution of huge Y chromosomes in Coccinia grandis and its sister, Coccinia schimperi. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210294.	4.0	5
3	Adaptive changes of the autosomal part of the genome in a dioecious clade of Silene. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210228.	4.0	1
4	New Techniques for Seed Shape Description in Silene Species. Taxonomy, 2022, 2, 1-19.	1.0	9
5	Seed Morphology in Silene Based on Geometric Models. Plants, 2020, 9, 1787.	3.5	17
6	Sexâ€chrom, a database on plant sex chromosomes. New Phytologist, 2020, 227, 1594-1604.	7.3	14
7	Evolution of sex determination and heterogamety changes in section Otites of the genus Silene. Scientific Reports, 2019, 9, 1045.	3.3	29
8	Sex and the flower â€“ developmental aspects of sex chromosome evolution. Annals of Botany, 2018, 122, 1085-1101.	2.9	21
9	The Evolutionary Fate of the Horizontally Transferred Agrobacterial Mikimopine Synthase Gene in the Genera Nicotiana and Linaria. PLoS ONE, 2014, 9, e113872.	2.5	17
10	EVOLUTION OF SEX DETERMINATION SYSTEMS WITH HETEROGAMETIC MALES AND FEMALES INSILENE. Evolution; International Journal of Organic Evolution, 2013, 67, 3669-3677.	2.3	44
11	Chromosomes and Sex Differentiation. , 2013, , 167-186.		7
12	Bisprimerâ€”A Program for the Design of Primers for Bisulfite-Based Genomic Sequencing of Both Plant and Mammalian DNA Samples. Journal of Heredity, 2012, 103, 308-312.	2.4	13
13	Comparative analysis of a plant pseudoautosomal region (PAR) in Silene latifolia with the corresponding S. vulgaris autosome. BMC Genomics, 2012, 13, 226.	2.8	20
14	Identification and characterization of a bacteria-like sequence in the genome of some Silene species. Biologia Plantarum, 2012, 56, 247-253.	1.9	0
15	Interkingdom protein domain fusion: the case of an antimicrobial protein in potato (Solanum) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	2
16	What can we learn from tobacco and other Solanaceae about horizontal DNA transfer?. American Journal of Botany, 2011, 98, 1231-1242.	1.7	13
17	Dioecious Silene latifolia plants show sexual dimorphism in the vegetative stage. BMC Plant Biology, 2010, 10, 208.	3.6	39
18	Sex chromosomes and sex determination pathway dynamics in plant and animal models. Biological Journal of the Linnean Society, 2010, 100, 737-752.	1.6	39

#	Article	IF	Citations
19	Independent Origin of Sex Chromosomes in Two Species of the Genus Silene. Genetics, 2008, 179, 1129-1133.	2.9	50
20	Early Events in the Evolution of the Silene latifolia Y Chromosome: Male Specialization and Recombination Arrest. Genetics, 2007, 177, 375-386.	2.9	44
21	An interspecific hybrid as a tool to study phylogenetic relationships in plants using the GISH technique. Chromosome Research, 2007, 15, 1051-1059.	2.2	27
22	Mapping of non-recombining regions via molecular markers. Plant, Soil and Environment, 2007, 53, 321-324.	2.2	0
23	MK17, a specific marker closely linked to the gynoecium suppression region on the Y chromosome in Silene latifolia. Theoretical and Applied Genetics, 2006, 113, 280-287.	3.6	20
24	Karyological analysis of an interspecific hybrid between the dioeciousSilene latifoliaand the hermaphroditicSilene viscosa. Genome, 2006, 49, 373-379.	2.0	11
25	The interâ€specific hybrid Silene latifoliaÃ—S. viscosa reveals early events of sex chromosome evolution. Evolution & Development, 2005, 7, 327-336.	2.0	28
26	Comparison of the X and Y Chromosome Organization in Silene latifolia. Genetics, 2005, 170, 1431-1434.	2.9	51
27	Replication Patterns of Sex Chromosomes in Melandrium Album Female Cells. Hereditas, 2004, 120, 175-181.	1.4	13
28	A Gradual Process of Recombination Restriction in the Evolutionary History of the Sex Chromosomes in Dioecious Plants. PLoS Biology, 2004, 3, e4.	5.6	198
29	DNA methylation analysis of a male reproductive organ specific gene (MROS1) during pollen development. Genome, 2002, 45, 930-938.	2.0	9
30	Immunohistochemical study of DNA methylation dynamics during plant development. Journal of Experimental Botany, 2001, 52, 2265-2273.	4.8	82
31	Histone H4 acetylation and DNA methylation dynamics during pollen development. Protoplasma, 2000, 211, 116-122.	2.1	27
32	Non-transmissibility of the Y chromosome through the female line in androhermaphrodite plants of Melandrium album. Heredity, 1998, 80, 576-583.	2.6	23
33	Isolation and characterization of X chromosome-derived DNA sequences from a dioecious plant Melandrium album. Chromosome Research, 1997, 5, 57-6.	2.2	89
34	Epigenetic control of sexual phenotype in a dioecious plant,. Molecular Genetics and Genomics, 1996, 250, 483.	2.4	7