Eduard KejnovskÃ½

List of Publications by Year
in descending order

28 papers	968 citations	516710 16 h-index	526287 27 g-index

30 all docs	30 docs citations	30 times ranked	1175 citing authors

#	Article	IF	Citations
1	Plant centromeric retrotransposons: a structural and cytogenetic perspective. Mobile DNA, 2011, 2, 4.	3.6	186
2	Contrasting evolutionary dynamics between angiosperm and mammalian genomes. Trends in Ecology and Evolution, 2009, 24, 572-582.	8.7	83
3	Heterogeneity of rDNA distribution and genome size in Silene spp. Chromosome Research, 2001, 9, 387-393.	2.2	78
4	Retand: a novel family of gypsy-like retrotransposons harboring an amplified tandem repeat. Molecular Genetics and Genomics, 2006, 276, 254-263.	2.1	63
5	Expansion of Microsatellites on Evolutionary Young Y Chromosome. PLoS ONE, 2013, 8, e45519.	2.5	59
6	Localization of Male-Specifically Expressed MROS Genes of Silene latifolia by PCR on Flow-Sorted Sex Chromosomes and Autosomes. Genetics, 2001, 158, 1269-1277.	2.9	56
7	Accumulation of chloroplast DNA sequences on the Y chromosome of Silene latifolia. Genetica, 2006, 128, 167-175.	1.1	55
8	Transposable elements and G-quadruplexes. Chromosome Research, 2015, 23, 615-623.	2.2	43
9	Impact of repetitive DNA on sex chromosome evolution in plants. Chromosome Research, 2015, 23, 561-570.	2.2	43
10	High intrachromosomal similarity of retrotransposon long terminal repeats: Evidence for homogenization by gene conversion on plant sex chromosomes?. Gene, 2007, 390, 92-97.	2.2	33
11	Guanine quadruplexes are formed by specific regions of human transposable elements. BMC Genomics, 2014, 15, 1032.	2.8	31
12	Impact of Repetitive Elements on the Y Chromosome Formation in Plants. Genes, 2017, 8, 302.	2.4	31
13	From Mendelâ€™s discovery on pea to todayâ€™s plant genetics and breeding. Theoretical and Applied Genetics, 2016, 129, 2267-2280.	3.6	26
14	Satellite DNA and Transposable Elements in Seabuckthorn (Hippophae rhamnoides), a Dioecious Plant with Small Y and Large X Chromosomes. Genome Biology and Evolution, 2017, 9, evw303.	2.5	25
15	The slowdown of Y chromosome expansion in dioecious Silene latifolia due to DNA loss and male-specific silencing of retrotransposons. BMC Genomics, 2018, 19, 153.	2.8	21
16	Characterization of two SEPALLATA MADS-box genes from the dioecious plant Silene latifolia. Sexual Plant Reproduction, 2004, 17, 189-193.	2.2	19
17	Overexpression of a flowerâ€specific aerolysinâ€like protein from the dioecious plant Rumex acetosa alters flower development and induces male sterility in transgenic tobacco. Plant Journal, 2017, 89, 58-72.	5.7	19
18	DNA extraction by zinc. Nucleic Acids Research, 1997, 25, 1870-1871.	14.5	17

#	Article	IF	Citations
19	Fully automated pipeline for detection of sex linked genes using RNA-Seq data. BMC Bioinformatics, 2015, 16, 78.	2.6	15
20	Nested plant LTR retrotransposons target specific regions of other elements, while all LTR retrotransposons often target palindromes and nucleosome-occupied regions: in silico study. Mobile DNA, 2019, 10, 50.	3.6	13
21	UV Light-Induced Crosslinking of Short DNA Duplex Strands: Nucleotide Sequence Preferences and a Prominent Role of the Duplex Ends. Journal of Biomolecular Structure and Dynamics, 1996, 14, 57-65.	3.5	11
22	Quadruplex DNA in long terminal repeats in maize LTR retrotransposons inhibits the expression of a reporter gene in yeast. BMC Genomics, 2018, 19, 184.	2.8	11
23	TE-greedy-nester: structure-based detection of LTR retrotransposons and their nesting. Bioinformatics, 2020, 36, 4991-4999.	4.1	11
24	Factors influencing resistance of UV-irradiated DNA to the restriction endonuclease cleavage. International Journal of Biological Macromolecules, 2004, 34, 213-222.	7.5	7
25	TE-nester: a recursive software tool for structure-based discovery of nested transposable elements. , 2018, , .		4
26	Acytota â€“ associated kingdom of neglected life. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1641-1648.	3.5	3
27	Horizontal transfer - imperative mission of acellular life forms,Acytota. Mobile Genetic Elements, 2016, 6, e1154636.	1.8	2
28	Nucleic acids movement and its relation to genome dynamics of repetitive DNA. BioEssays, 2022, 44, e2100242.	2.5	2