Sophie Desset

List of Publications by Year
in descending order

23 papers	767 citations	759233 12 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	746 citing authors

#	Article	IF	Citations
1	Deep learning Ââ€“ promises for 3D nuclear imaging: a guide for biologists. Journal of Cell Science, 2022, 135, .	2.0	5
2	NODeJ: an ImageJ plugin for 3D segmentation of nuclear objects. BMC Bioinformatics, 2022, 23, .	2.6	5
3	The Histone Chaperone HIRA Is a Positive Regulator of Seed Germination. International Journal of Molecular Sciences, 2021, 22, 4031.	4.1	9
4	ANCHOR: A Technical Approach to Monitor Single-Copy Locus Localization in Planta. Frontiers in Plant Science, 2021, 12, 677849.	3.6	6
5	Automated 3D bio-imaging analysis of nuclear organization by NucleusJ 2.0. Nucleus, 2020, 11, 315-329.	2.2	18
6	Replicationâ€coupled histone H3.1 deposition determines nucleosome composition and heterochromatin dynamics during Arabidopsis seedling development. New Phytologist, 2019, 221, 385-398.	7.3	32
7	Probing the 3D architecture of the plant nucleus with microscopy approaches: challenges and solutions. Nucleus, 2019, 10, 181-212.	2.2	30
8	Quantitative 3D Analysis of Nuclear Morphology and Heterochromatin Organization from Whole-Mount Plant Tissue Using NucleusJ. Methods in Molecular Biology, 2018, 1675, 615-632.	0.9	8
9	The LINC complex contributes to heterochromatin organisation and transcriptional gene silencing in plants. Journal of Cell Science, 2017, 130, 590-601.	2.0	65
10	Marker gene tethering by nucleoporins affects gene expression in plants. Nucleus, 2015, 6, 471-478.	2.2	29
11	Transcriptional properties and splicing of the flamenco pi <scp>RNA</scp> cluster. EMBO Reports, 2014, 15, 411-418.	4.5	109
12	Polycomb Group-Dependent, Heterochromatin Protein 1-Independent, Chromatin Structures Silence Retrotransposons in Somatic Tissues Outside Ovaries. DNA Research, 2011, 18, 451-461.	3.4	11
13	In Drosophila melanogaster the COM Locus Directs the Somatic Silencing of Two Retrotransposons through both Piwi-Dependent and -Independent Pathways. PLoS ONE, 2008, 3, e1526.	2.5	46
14	Transcriptional interference mediated by retrotransposons within the genome of their host: lessons from alleles of the white gene from Drosophila melanogaster. Cytogenetic and Genome Research, 2005, 110, 209-214.	1.1	5
15	COM, a Heterochromatic Locus Governing the Control of Independent Endogenous Retroviruses From Drosophila melanogaster. Genetics, 2003, 164, 501-509.	2.9	98
16	Impact of multiple insertions of two retroelements, ZAM and Idefix at an euchromatic locus. Genetica, 2000, 109, 53-59.	1.1	7
17	Life Cycle of an Endogenous Retrovirus, ZAM , in Drosophila melanogaster. Journal of Virology, 2000, 74, 10658-10669.	3.4	87
18	Invertebrate retroviruses: ZAM a new candidate in D.melanogaster. EMBO Journal, 1997, 16, 7521-7531.	7.8	52

#	Article	IF	Citations
19	Genomic distribution of the retrovirus-like element ZAM in Drosophila. Genetica, 1997, 100, 131-140.	1.1	8
20	The Neurotrophic Activity of Fibroblast Growth Factor 1 (FGF1) Depends on Endogenous FGF1 Expression and Is Independent of the Mitogen-activated Protein Kinase Cascade Pathway. Journal of Biological Chemistry, 1996, 271, 2801-2811.	3.4	62
21	Up-regulation of aFGF expression in quiescent cells is related to cell survival. Journal of Cellular Physiology, 1994, 158, 435-443.	4.1	53
22	Heterogeneity of 3â€²untranslated region of bovine acidic FGF transcripts. Biochemical and Biophysical Research Communications, 1992, 184, 945-952.	2.1	10
23	Cloning of two different 5â€² untranslated exons of bovine acidic fibroblast growth factor by the single strand ligation to single-stranded cDNA methodology. Biochemical and Biophysical Research Communications, 1992, 188, 843-850.	2.1	12