

Sophie Desset

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Transcriptional properties and splicing of the <i>flamenco</i> piRNA cluster. EMBO Reports, 2014, 15, 411-418. | 4.5 | 109 |
| 2 | COM, a Heterochromatic Locus Governing the Control of Independent Endogenous Retroviruses From <i>Drosophila melanogaster</i> . Genetics, 2003, 164, 501-509. | 2.9 | 98 |
| 3 | Life Cycle of an Endogenous Retrovirus, <i>ZAM</i> , in <i>Drosophila melanogaster</i> . Journal of Virology, 2000, 74, 10658-10669. | 3.4 | 87 |
| 4 | The LINC complex contributes to heterochromatin organisation and transcriptional gene silencing in plants. Journal of Cell Science, 2017, 130, 590-601. | 2.0 | 65 |
| 5 | 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 |
| 6 | Up-regulation of aFGF expression in quiescent cells is related to cell survival. Journal of Cellular Physiology, 1994, 158, 435-443. | 4.1 | 53 |
| 7 | Invertebrate retroviruses: ZAM a new candidate in <i>D.melanogaster</i> . EMBO Journal, 1997, 16, 7521-7531. | 7.8 | 52 |
| 8 | In <i>Drosophila melanogaster</i> 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 |
| 9 | Replication-coupled histone H3.1 deposition determines nucleosome composition and heterochromatin dynamics during Arabidopsis seedling development. New Phytologist, 2019, 221, 385-398. | 7.3 | 32 |
| 10 | Probing the 3D architecture of the plant nucleus with microscopy approaches: challenges and solutions. Nucleus, 2019, 10, 181-212. | 2.2 | 30 |
| 11 | Marker gene tethering by nucleoporins affects gene expression in plants. Nucleus, 2015, 6, 471-478. | 2.2 | 29 |
| 12 | Automated 3D bio-imaging analysis of nuclear organization by NucleusJ 2.0. Nucleus, 2020, 11, 315-329. | 2.2 | 18 |
| 13 | Cloning of two different 5' 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 |
| 14 | 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 |
| 15 | Heterogeneity of 3' untranslated region of bovine acidic FGF transcripts. Biochemical and Biophysical Research Communications, 1992, 184, 945-952. | 2.1 | 10 |
| 16 | The Histone Chaperone HIRA Is a Positive Regulator of Seed Germination. International Journal of Molecular Sciences, 2021, 22, 4031. | 4.1 | 9 |
| 17 | Genomic distribution of the retrovirus-like element ZAM in <i>Drosophila</i> . Genetica, 1997, 100, 131-140. | 1.1 | 8 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | Impact of multiple insertions of two retroelements, ZAM and Idefix at an euchromatic locus. <i>Genetica</i> , 2000, 109, 53-59. | 1.1 | 7 |
| 20 | ANCHOR: A Technical Approach to Monitor Single-Copy Locus Localization in <i>Planta</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 677849. | 3.6 | 6 |
| 21 | Transcriptional interference mediated by retrotransposons within the genome of their host: lessons from alleles of the <i>white</i> gene from <i>Drosophila melanogaster</i> . <i>Cytogenetic and Genome Research</i> , 2005, 110, 209-214. | 1.1 | 5 |
| 22 | Deep learning “ promises for 3D nuclear imaging: a guide for biologists. <i>Journal of Cell Science</i> , 2022, 135, . | 2.0 | 5 |
| 23 | NODEj: an ImageJ plugin for 3D segmentation of nuclear objects. <i>BMC Bioinformatics</i> , 2022, 23, . | 2.6 | 5 |