

Dominique Dp Ploton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4569725/publications.pdf>

Version: 2024-02-01

74
papers

2,771
citations

236925

25
h-index

175258

52
g-index

82
all docs

82
docs citations

82
times ranked

2104
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement in the staining and in the visualization of the argyrophilic proteins of the nucleolar organizer region at the optical level. <i>The Histochemical Journal</i> , 1986, 18, 5-14.	0.6	950
2	Differential Localization of the Cystic Fibrosis Transmembrane Conductance Regulator in Normal and Cystic Fibrosis Airway Epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992, 7, 485-491.	2.9	126
3	Interphase Nucleolar Organizer Regions in Cancer Cells. <i>International Review of Experimental Pathology</i> , 1991, 32, 149-192.	0.2	125
4	Distinctive alterations of invasiveness, drug resistance and cell-cell organization in 3D-cultures of MCF-7, a human breast cancer cell line, and its multidrug resistant variant. <i>Clinical and Experimental Metastasis</i> , 2002, 19, 161-167.	3.3	122
5	Three-dimensional organization of active rRNA genes within the nucleolus. <i>Journal of Cell Science</i> , 2002, 115, 3297-3307.	2.0	79
6	Electron Tomography of Metaphase Nucleolar Organizer Regions: Evidence for a Twisted-Loop Organization. <i>Molecular Biology of the Cell</i> , 1997, 8, 2199-2216.	2.1	77
7	Structural and Functional Organization of Ribosomal Genes within the Mammalian Cell Nucleolus. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 131-145.	2.5	71
8	Three-dimensional organization of active rRNA genes within the nucleolus. <i>Journal of Cell Science</i> , 2002, 115, 3297-307.	2.0	71
9	Behaviour of nucleolus during mitosis. <i>Chromosoma</i> , 1987, 95, 95-107.	2.2	61
10	Lumican core protein inhibits melanoma cell migration via alterations of focal adhesion complexes. <i>Cancer Letters</i> , 2009, 283, 92-100.	7.2	61
11	Simultaneous high resolution localization of Ag-NOR proteins and nucleoproteins in interphasic and mitotic nuclei. <i>The Histochemical Journal</i> , 1984, 16, 897-906.	0.6	57
12	Dynamics and three-dimensional localization of ribosomal RNA within the nucleolus. <i>Rna</i> , 2000, 6, 1750-1761.	3.5	57
13	Characterization of intracellular pH gradients in human multidrug-resistant tumor cells by means of scanning microspectrofluorometry and dual-emission-ratio probes. <i>International Journal of Cancer</i> , 1999, 81, 81-89.	5.1	46
14	Elastin Peptides Signaling Relies on Neuraminidase-1-Dependent Lactosylceramide Generation. <i>PLoS ONE</i> , 2010, 5, e14010.	2.5	43
15	Ultrastructural distribution of DNA within the nucleolus of various animal cell lines or tissues revealed by terminal deoxynucleotidyl transferase. <i>Cell and Tissue Research</i> , 1993, 271, 33-45.	2.9	39
16	Encapsulated Ruthenium(II) Complexes in Biocompatible Poly(<i>ε</i> -lactide- <i>ε</i> -glycolide) Nanoparticles for Application in Photodynamic Therapy. <i>ChemPlusChem</i> , 2014, 79, 171-180.	2.8	39
17	Ultrastructural localization of Ag-NOR proteins and nucleic acids in reticulated nucleoli. <i>Biology of the Cell</i> , 1984, 49, 29-34.	2.0	37
18	Three-dimensional Organization of pKi-67: A Comparative Fluorescence and Electron Tomography Study Using Fluoronanogold. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 1411-1423.	2.5	33

#	ARTICLE	IF	CITATIONS
19	Identification of phospholipids in secretory granules of human submucosal gland respiratory cells.. Journal of Histochemistry and Cytochemistry, 1991, 39, 193-198.	2.5	32
20	Changes to cellular water and element content induced by nucleolar stress: investigation by a cryo-correlative nano-imaging approach. Cellular and Molecular Life Sciences, 2013, 70, 2383-2394.	5.4	29
21	Three-dimensional co-location of RNA polymerase I and DNA during interphase and mitosis by confocal microscopy. Journal of Cell Science, 1995, 108, 115-125.	2.0	29
22	Parallel EELS elemental mapping in scanning transmission electron microscopy: use of the difference methods. Microscopy Microanalysis Microstructures, 1991, 2, 531-546.	0.4	28
23	Simultaneous ultrastructural localization of ag-nor (nucleolar organizer region) proteins and ribonucleoproteins during mitosis, in human breast cancerous tissues. Journal of Cell Science, 1985, 74, 239-256.	2.0	27
24	The three-dimensional ultrastructure of interphasic and metaphasic nucleolar argyrophilic components studied with high-voltage electron microscopy in thick sections. Biology of the Cell, 1987, 59, 113-120.	2.0	26
25	Applications of medium-voltage STEM for the study of organelles within very thick sections. Journal of Microscopy, 1993, 170, 247-258.	1.8	25
26	Pleomorphic Hyalinizing Angiectatic Tumor of Soft Parts: Ultrastructural Analysis of a Case with Original Features. Ultrastructural Pathology, 2006, 30, 59-64.	0.9	25
27	Visualization of volume data in confocal microscopy: comparison and improvements of volume rendering methods. Journal of Microscopy, 1996, 181, 238-252.	1.8	24
28	Proliferation assessment in breast cancer: a double-staining technique for AgNOR quantification in MIB-1 positive cells especially adapted for image cytometry. Micron, 2000, 31, 151-159.	2.2	24
29	DISTRIBUTION OF $\alpha 1$ (IV) AND $\alpha 3$ (IV) CHAINS OF TYPE IV COLLAGEN IN LUNG TUMOURS. , 1997, 182, 185-191.		23
30	Three-dimensional co-localization of nucleolar argyrophilic components and DNA in cell nuclei by confocal microscopy.. Journal of Histochemistry and Cytochemistry, 1994, 42, 137-148.	2.5	22
31	Three-dimensional imaging of the mucus secretory process in the cryofixed frog respiratory epithelium. Biology of the Cell, 1991, 72, 159-166.	2.0	21
32	The Three-dimensional Study of Chromosomes and Upstream Binding Factor-immunolabeled Nucleolar Organizer Regions Demonstrates Their Nonrandom Spatial Arrangement during Mitosis. Molecular Biology of the Cell, 1998, 9, 3147-3159.	2.1	21
33	Localization of Nopp140 within mammalian cells during interphase and mitosis. Histochemistry and Cell Biology, 2009, 132, 129-140.	1.7	20
34	Simultaneous ultrastructural localization of Ag-NOR (nucleolar organizer region) proteins and ribonucleoproteins during mitosis, in human breast cancerous tissues. Journal of Cell Science, 1985, 74, 239-56.	2.0	20
35	Stage-Specific Changes in the Water, Na ⁺ , Cl ⁻ and K ⁺ Contents of Organelles during Apoptosis, Demonstrated by a Targeted Cryo Correlative Analytical Approach. PLoS ONE, 2016, 11, e0148727.	2.5	18
36	Nucleolar sub-compartments in motion during rRNA synthesis inhibition: Contraction of nucleolar condensed chromatin and gathering of fibrillar centers are concomitant. PLoS ONE, 2017, 12, e0187977.	2.5	18

#	ARTICLE	IF	CITATIONS
37	Visualizing Macromolecules with Fluoronanogold: From Photon Microscopy to Electron Tomography. <i>Methods in Cell Biology</i> , 2007, 79, 559-574.	1.1	17
38	Three-dimensional co-location of RNA polymerase I and DNA during interphase and mitosis by confocal microscopy. <i>Journal of Cell Science</i> , 1995, 108 (Pt 1), 115-25.	2.0	14
39	Viral integration sites in human papilloma virus-33-immortalized cervical keratinocyte cell lines. <i>Cancer Genetics and Cytogenetics</i> , 1996, 90, 63-69.	1.0	12
40	Cell-cycle-dependent three-dimensional redistribution of nuclear proteins, P 120, pKi-67, and SC 35 splicing factor, in the presence of the topoisomerase I inhibitor camptothecin. <i>Experimental Cell Research</i> , 2003, 291, 176-188.	2.6	10
41	Hereditary sensory neuropathy with spastic paraplegia. <i>European Journal of Paediatric Neurology</i> , 2004, 8, 95-99.	1.6	9
42	A protocol for studying the kinetics of RNA within cultured cells: application to ribosomal RNA. <i>Nature Protocols</i> , 2008, 3, 1997-2004.	12.0	9
43	Deletion 2q36.2q36.3 with multiple renal cysts and severe mental retardation. <i>European Journal of Medical Genetics</i> , 2008, 51, 598-607.	1.3	9
44	Adriamycin resistance is characterized by ultrastructural changes in human leukaemic K562 cells in vitro. <i>Biology of the Cell</i> , 1992, 74, 287-297.	2.0	8
45	The elastin peptide (VGVAPG) ₃ induces the 3D reorganisation of PML-NBs and SC35 speckles architecture, and accelerates proliferation of fibroblasts and melanoma cells. <i>Histochemistry and Cell Biology</i> , 2015, 143, 245-258.	1.7	8
46	Nucleolar Organizer Regions in Congenital Mesoblastic Nephroma. <i>Pediatric Pathology</i> , 1992, 12, 811-821.	0.5	7
47	Nuclear transport as an ultimate step of multidrug resistance. <i>Life Sciences</i> , 1999, 65, 2343-2349.	4.3	7
48	Electron tomography of amplified nanogold immunolabelling: Improvement of quality based on alignment of projections with sinograms and use of post-reconstruction deconvolution. <i>Journal of Structural Biology</i> , 2006, 156, 421-431.	2.8	7
49	Prognostic value of a proliferation index including MIB1 and argyrophilic nucleolar organizer regions proteins in node-negative breast cancer. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, 146.e1-146.e7.	1.3	7
50	Targeted nano analysis of water and ions using cryocorrelative light and scanning transmission electron microscopy. <i>Journal of Structural Biology</i> , 2012, 180, 352-361.	2.8	7
51	Shrinkage of freeze-dried cryosections of cells: Investigations by EFTEM and cryo-CLEM. <i>Micron</i> , 2016, 88, 77-83.	2.2	6
52	Digital three-dimensional visualization of cellular organelles studied by medium- and high-voltage electron microscopy. <i>Journal of Microscopy</i> , 1991, 163, 221-231.	1.8	5
53	Tomography of the cell nucleus using confocal microscopy and medium voltage electron microscopy. <i>Critical Reviews in Oncology/Hematology</i> , 2009, 69, 127-143.	4.4	5
54	Structure and molecular organization of the nucleolus. <i>Zentralblatt für Pathologie</i> , 1994, 140, 3-6.	0.0	5

#	ARTICLE	IF	CITATIONS
55	Textural Analysis of Nuclear Mitotic Apparatus Antigen (NuMA) Spatial Distribution in Interphase Nuclei from Human Drug-Resistant CEM Lymphoblasts. <i>Analytical Cellular Pathology</i> , 1999, 18, 175-181.	2.1	4
56	Interphase Nucleolar Organiser Regions in Tumour Pathology. , 0, , 137-152.		4
57	Relationships between the structural and functional organization of the turtle cell nucleolus. <i>Journal of Structural Biology</i> , 2019, 208, 107398.	2.8	4
58	Electron tomography reveals changes in spatial distribution of UBTF1 and UBTF2 isoforms within nucleolar components during rRNA synthesis inhibition. <i>Journal of Structural Biology</i> , 2019, 208, 191-204.	2.8	4
59	Targeted Nano Analysis of Water and Ions in the Nucleus Using Cryo-Correlative Microscopy. <i>Methods in Molecular Biology</i> , 2015, 1228, 145-158.	0.9	4
60	Nucleolar Organizer Regions: Preliminary Results of the Clinical Use of a New Marker for Prostatic Carcinoma (40 Cases). <i>European Urology</i> , 1992, 21, 71-74.	1.9	3
61	A New Marker for Early Detection and Indicator of Progression of Cancer of the Bladder. <i>European Urology</i> , 1992, 21, 31-33.	1.9	3
62	Mounting Technique Allows Observation of Immuno-Labeled Cells on Plastic Coverslips. <i>BioTechniques</i> , 1998, 24, 910-914.	1.8	3
63	Various Nucleolar Stress Inducers Result in Highly Distinct Changes in Water, Dry Mass and Elemental Content in Cancerous Cell Compartments: Investigation Using a Nano-Analytical Approach. <i>Nanotheranostics</i> , 2019, 3, 179-195.	5.2	3
64	Three-Dimensional Reconstruction of Nucleolar Components by Electron Microscope Tomography. <i>Methods in Molecular Biology</i> , 2008, 463, 137-158.	0.9	2
65	Inclusions intranucleaires dans la myopathie oculopharyngee. <i>Biology of the Cell</i> , 1988, 63, 16-16a.	2.0	1
66	Etude des organisteurs nucleolaires dans les tumeurs cartilagineusev. A propos de 25 observations. <i>Biology of the Cell</i> , 1988, 63, 7-7a.	2.0	1
67	Spatial dynamics of rRNAs. <i>Trends in Cell Biology</i> , 2001, 11, 147.	7.9	1
68	Localization of Nopp140 within mammalian cells during interphase and mitosis. , 2009, 132, 129.		1
69	Growth and characterization of isolated bovine tracheal gland cells in culture. Influence of a reconstituted basement membrane matrix. <i>Biology of the Cell</i> , 1989, 66, 263-270.	2.0	1
70	Growth and characterization of isolated bovine tracheal gland cells in culture. Influence of a reconstituted basement membrane matrix. <i>Biology of the Cell</i> , 1989, 66, 263-70.	2.0	1
71	Bas-relief obtained from a stereo-pair: An useful method for the visualization of tridimensional structure. <i>Biology of the Cell</i> , 1988, 63, 11-11a.	2.0	0
72	Isolation of Nucleoli from Ehrlich Ascites Tumor Cells and Dynamics of Nascent RNA within Isolated Nucleoli. <i>Methods in Molecular Biology</i> , 2008, 463, 111-121.	0.9	0

#	ARTICLE	IF	CITATIONS
73	Localization of DNA and Characterization of Argyrophilic Structures within Nucleolar Components during Interphase and Mitosis in Leukemia Cell Lines. , 1990, , 157-160.		0
74	Ultrastructural comparative distribution of carbohydrates in human tracheal and frog palate mucosa using neuraminidase and lectin-colloidal gold complexes. Journal of Submicroscopic Cytology and Pathology, 1990, 22, 79-90.	0.3	0