

Fabrice P Cordelières

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

5,181
citations

430874

18
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

8647
citing authors

#	ARTICLE	IF	CITATIONS
1	BoneJ: Free and extensible bone image analysis in ImageJ. <i>Bone</i> , 2010, 47, 1076-1079.	2.9	1,695
2	Huntingtin Controls Neurotrophic Support and Survival of Neurons by Enhancing BDNF Vesicular Transport along Microtubules. <i>Cell</i> , 2004, 118, 127-138.	28.9	1,004
3	Histone Deacetylase 6 Inhibition Compensates for the Transport Deficit in Huntington's Disease by Increasing Tubulin Acetylation. <i>Journal of Neuroscience</i> , 2007, 27, 3571-3583.	3.6	691
4	The IGF-1/Akt Pathway Is Neuroprotective in Huntington's Disease and Involves Huntingtin Phosphorylation by Akt. <i>Developmental Cell</i> , 2002, 2, 831-837.	7.0	452
5	Vesicular Glycolysis Provides On-Board Energy for Fast Axonal Transport. <i>Cell</i> , 2013, 152, 479-491.	28.9	422
6	Cystamine and cysteamine increase brain levels of BDNF in Huntington disease via HSJ1b and transglutaminase. <i>Journal of Clinical Investigation</i> , 2006, 116, 1410-1424.	8.2	211
7	PARP inhibition versus PARP-1 silencing: different outcomes in terms of single-strand break repair and radiation susceptibility. <i>Nucleic Acids Research</i> , 2008, 36, 4454-4464.	14.5	165
8	Architecture and permeability of post-cytokinesis plasmodesmata lacking cytoplasmic sleeves. <i>Nature Plants</i> , 2017, 3, 17082.	9.3	119
9	Automated Cell Tracking and Analysis in Phase-Contrast Videos (iTrack4U): Development of Java Software Based on Combined Mean-Shift Processes. <i>PLoS ONE</i> , 2013, 8, e81266.	2.5	52
10	Bloom Syndrome and PICH Helicases Cooperate with Topoisomerase III β in Centromere Disjunction before Anaphase. <i>PLoS ONE</i> , 2012, 7, e33905.	2.5	47
11	Intraflagellar transport is deeply integrated in hedgehog signaling. <i>Molecular Biology of the Cell</i> , 2018, 29, 1178-1189.	2.1	43
12	Combining laser capture microdissection and proteomics reveals an active translation machinery controlling invadosome formation. <i>Nature Communications</i> , 2018, 9, 2031.	12.8	43
13	Inhibition of DNA damage repair by artificial activation of PARP with siDNA. <i>Nucleic Acids Research</i> , 2013, 41, 7344-7355.	14.5	34
14	The Bloom Syndrome Protein Limits the Lethality Associated with RAD51 Deficiency. <i>Molecular Cancer Research</i> , 2010, 8, 385-394.	3.4	27
15	Jmy regulates oligodendrocyte differentiation via modulation of actin cytoskeleton dynamics. <i>Glia</i> , 2018, 66, 1826-1844.	4.9	27
16	Cdk5 promotes DNA replication stress checkpoint activation through RPA-32 phosphorylation, and impacts on metastasis free survival in breast cancer patients. <i>Cell Cycle</i> , 2015, 14, 3066-3078.	2.6	24
17	Mirror slides for high-sensitivity cell and tissue fluorescence imaging. <i>Journal of Biomedical Optics</i> , 2007, 12, 024030.	2.6	19
18	The impact of cyclin-dependent kinase 5 depletion on poly(ADP-ribose) polymerase activity and responses to radiation. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 951-962.	5.4	19

#	ARTICLE	IF	CITATIONS
19	A proline-rich motif on VGLUT1 reduces synaptic vesicle super-pool and spontaneous release frequency. <i>ELife</i> , 2019, 8, .	6.0	15
20	Involvement of the Artemis Protein in the Relative Biological Efficiency Observed With the 76-MeV Proton Beam Used at the Institut Curie Proton Therapy Center in Orsay. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 36-43.	0.8	14
21	A synaptomic analysis reveals dopamine hub synapses in the mouse striatum. <i>Nature Communications</i> , 2022, 13, .	12.8	14
22	Highlights from the 2016-2020 NEUBIAS training schools for Bioimage Analysts: a success story and key asset for analysts and life scientists. <i>F1000Research</i> , 2021, 10, 334.	1.6	10
23	PARP-2 depletion results in lower radiation cell survival but cell line-specific differences in poly(ADP-ribose) levels. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1585-1597.	5.4	9
24	PAX6 P46 Binds Chromosomes in the Pericentromeric Region and Induces a Mitosis Defect When Overexpressed. , 2007, 48, 5408.		6
25	Which Elements to Build Co-localization Workflows? From Metrology to Analysis. <i>Methods in Molecular Biology</i> , 2019, 2040, 177-213.	0.9	6
26	Inhibition of Very Long Chain Fatty Acids Synthesis Mediates PI3P Homeostasis at Endosomal Compartments. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8450.	4.1	3
27	Enhanced fluorescence cell imaging with metal-coated slides. , 2007, , .		2
28	Enhanced fluorescence cell imaging with metal-coated slides. , 2007, , 6630_6.		0
29	Meeting report "Imaging the Cell. <i>Journal of Cell Science</i> , 2015, 128, 3843-3847.	2.0	0
30	Investigate Synaptic Vesicles Mobility in Neuronal Culture Axons by FRAP Imaging. <i>Bio-protocol</i> , 2021, 11, e3962.	0.4	0