Alexandre MarÃ©chal

List of Publications by Year
in descending order

25 papers	3,228 citations	566801 15 h-index	676716 22 g-index
27 all docs	27 docs citations	27 times ranked	5651 citing authors

#	Article	IF	Citations
1	POGZ promotes homologyâ€directed DNA repair in an HP1â€dependent manner. EMBO Reports, 2022, 23, e51041.	2.0	9
2	The PRP19 Ubiquitin Ligase, Standing at the Cross-Roads of mRNA Processing and Genome Stability. Cancers, 2022, 14, 878.	1.7	6
3	CUT Domains Stimulate Pol Î² Enzymatic Activities to Accelerate Completion of Base Excision Repair. Journal of Molecular Biology, 2021, 433, 166806.	2.0	6
4	Human high-density lipoprotein microtranscriptome is unique and suggests an extended role in lipid metabolism. Epigenomics, 2019, 11, 917-934.	1.0	8
5	Investigation of Protein Recruitment to DNA Lesions Using 405 Nm Laser Micro-irradiation. Journal of Visualized Experiments, 2018, , .	0.2	8
6	Cellular Depletion of BRD8 Causes p53-Dependent Apoptosis and Induces a DNA Damage Response in Non-Stressed Cells. Scientific Reports, 2018, 8, 14089.	1.6	15
7	Ubiquitylation at the Fork: Making and Breaking Chains to Complete DNA Replication. International Journal of Molecular Sciences, 2018, 19, 2909.	1.8	12
8	<scp>SHLD</scp> 2/ <scp>FAM</scp> 35A coâ€operates with <scp>REV</scp> 7 to coordinate <scp>DNA</scp> doubleâ€strand break repair pathway choice. EMBO Journal, 2018, 37, .	3.5	111
9	A phosphorylation-and-ubiquitylation circuitry driving ATR activation and homologous recombination. Nucleic Acids Research, 2017, 45, 8859-8872.	6.5	33
10	Abstract A04: Phosphorylation and ubiquitylation on the RPA-ssDNA platform promote homologous recombination. , 2017, , .		0
11	SMARCAL1 Resolves Replication Stress at ALT Telomeres. Cell Reports, 2016, 14, 1032-1040.	2.9	90
12	RPA-coated single-stranded DNA as a platform for post-translational modifications in the DNA damage response. Cell Research, 2015, 25, 9-23.	5.7	362
13	A LARGe surprise links ATR and Rho. Cell Cycle, 2014, 13, 3627-3627.	1.3	0
14	PRP19 Transforms into a Sensor of RPA-ssDNA after DNA Damage and Drives ATR Activation via a Ubiquitin-Mediated Circuitry. Molecular Cell, 2014, 53, 235-246.	4.5	207
15	SUMOylation of ATRIP potentiates DNA damage signaling by boosting multiple protein interactions in the ATR pathway. Genes and Development, 2014, 28, 1472-1484.	2.7	57
16	Two Distinct Modes of ATR Activation Orchestrated by Rad17 and Nbs1. Cell Reports, 2013, 3, 1651-1662.	2.9	125
17	DNA Damage Sensing by the ATM and ATR Kinases. Cold Spring Harbor Perspectives in Biology, 2013, 5, a012716-a012716.	2.3	1,076
18	ATR Autophosphorylation as a Molecular Switch for Checkpoint Activation. Molecular Cell, 2011, 43, 192-202.	4.5	216

#	Article	IF	Citations
19	Recombination and the maintenance of plant organelle genome stability. New Phytologist, 2010, 186, 299-317.	3.5	402
20	Crystal Structures of DNA-Whirly Complexes and Their Role in Arabidopsis Organelle Genome Repair Â. Plant Cell, 2010, 22, 1849-1867.	3.1	116
21	Whirly proteins maintain plastid genome stability in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14693-14698.	3.3	177
22	Transcription factor families involved in plant defence: from discovery to structure.. , 2009, , 142-162.		0
23	Overexpression of mtDNA-associated AtWhy2 compromises mitochondrial function. BMC Plant Biology, 2008, 8, 42.	1.6	37
24	Whirly transcription factors: defense gene regulation and beyond. Trends in Plant Science, 2005, 10, 95-102.	4.3	133
25	Cell viability and secretion of active proteins in Schizosaccharomyces pombe do not require the chaperone function of calnexin. Biochemical Journal, 2004, 380, 441-448.	1.7	18