

Julien Jv Vignard

List of Publications by Year in descending order

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33
papers

2,062
citations

331670

21
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

3342
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Campylobacter jejuni</i> promotes colorectal tumorigenesis through the action of cytolethal distending toxin. <i>Gut</i> , 2019, 68, 289-300.	12.1	251
2	Ionizing-radiation induced DNA double-strand breaks: A direct and indirect lighting up. <i>Radiotherapy and Oncology</i> , 2013, 108, 362-369.	0.6	230
3	Very-Long-Chain Fatty Acids Are Involved in Polar Auxin Transport and Developmental Patterning in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2010, 22, 364-375.	6.6	174
4	The Colibactin Genotoxin Generates DNA Interstrand Cross-Links in Infected Cells. <i>MBio</i> , 2018, 9, .	4.1	153
5	AtMSH5 partners AtMSH4 in the class I meiotic crossover pathway in <i>Arabidopsis thaliana</i> , but is not required for synapsis. <i>Plant Journal</i> , 2008, 55, 28-39.	5.7	140
6	PARP activation regulates the RNA-binding protein NONO in the DNA damage response to DNA double-strand breaks. <i>Nucleic Acids Research</i> , 2012, 40, 10287-10301.	14.5	136
7	The Interplay of RecA-related Proteins and the MND1-HOP2 Complex during Meiosis in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2007, 3, e176.	3.5	129
8	The <i>Arabidopsis thaliana</i> MND1 homologue plays a key role in meiotic homologous pairing, synapsis and recombination. <i>Journal of Cell Science</i> , 2006, 119, 2486-2496.	2.0	103
9	The road to crossovers: plants have their say. <i>Trends in Genetics</i> , 2007, 23, 91-99.	6.7	99
10	From single-strand breaks to double-strand breaks during S-phase: a new mode of action of the <i>Escherichia coli</i> Cytolethal Distending Toxin. <i>Cellular Microbiology</i> , 2013, 15, 1-15.	2.1	74
11	Genotoxicity of Cytolethal Distending Toxin (CDT) on Isogenic Human Colorectal Cell Lines: Potential Promoting Effects for Colorectal Carcinogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 34.	3.9	65
12	The Cytolethal Distending Toxin Effects on Mammalian Cells: A DNA Damage Perspective. <i>Cells</i> , 2014, 3, 592-615.	4.1	64
13	MRE11-RAD50-NBS1 is a critical regulator of FANCD2 stability and function during DNA double-strand break repair. <i>EMBO Journal</i> , 2009, 28, 2400-2413.	7.8	56
14	SHOC1 and PTD form an XPF-ERCC1-like complex that is required for formation of class I crossovers. <i>Journal of Cell Science</i> , 2011, 124, 2687-2691.	2.0	49
15	The Werner syndrome protein affects the expression of genes involved in adipogenesis and inflammation in addition to cell cycle and DNA damage responses. <i>Cell Cycle</i> , 2009, 8, 2080-2092.	2.6	48
16	Cytolethal Distending Toxin Subunit B: A Review of Structure-Function Relationship. <i>Toxins</i> , 2019, 11, 595.	3.4	40
17	Chromatibody, a novel non-invasive molecular tool to explore and manipulate chromatin in living cells. <i>Journal of Cell Science</i> , 2016, 129, 2673-83.	2.0	37
18	A Fanci knockout mouse model reveals common and distinct functions for FANCI and FANCD2. <i>Nucleic Acids Research</i> , 2019, 47, 7532-7547.	14.5	36

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19	Benzo[a]pyrene-induced DNA damage associated with mutagenesis in primary human activated T lymphocytes. <i>Biochemical Pharmacology</i> , 2017, 137, 113-124.	4.4	27
20	Around and beyond 53BP1 Nuclear Bodies. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2611.	4.1	27
21	Cell resistance to the Cytolethal Distending Toxin involves an association of DNA repair mechanisms. <i>Scientific Reports</i> , 2016, 6, 36022.	3.3	26
22	Genotoxicity and mutagenicity assessment of food contaminant mixtures present in the French diet. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 742-754.	2.2	21
23	Versicolorin A, a precursor in aflatoxins biosynthesis, is a food contaminant toxic for human intestinal cells. <i>Environment International</i> , 2020, 137, 105568.	10.0	20
24	Outcrossing as an Explanation of the Apparent Unconventional Genetic Behavior of <i>Arabidopsis thaliana</i> hth Mutants. <i>Genetics</i> , 2008, 180, 2295-2297.	2.9	14
25	Cell transfection of purified cytolethal distending toxin B subunits allows comparing their nuclease activity while plasmid degradation assay does not. <i>PLoS ONE</i> , 2019, 14, e0214313.	2.5	11
26	Exposure to the Fungicide Captan Induces DNA Base Alterations and Replicative Stress in Mammalian Cells. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 286-297.	2.2	9
27	Cytolethal Distending Toxin Promotes Replicative Stress Leading to Genetic Instability Transmitted to Daughter Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 656795.	3.7	8
28	Chronic exposure to Cytolethal Distending Toxin (CDT) promotes a cGAS-dependent type I interferon response. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6319-6335.	5.4	7
29	Functional Study of <i>Haemophilus ducreyi</i> Cytolethal Distending Toxin Subunit B. <i>Toxins</i> , 2020, 12, 530.	3.4	4
30	Partners apart: Smc6-independent DNA binding activity of Smc5 on single-strand DNA. <i>Cell Cycle</i> , 2011, 10, 1025-1030.	2.6	1
31	Chromatibody, a novel non-invasive molecular tool to explore and manipulate chromatin in living cells. <i>Development (Cambridge)</i> , 2016, 143, e1.2-e1.2.	2.5	1
32	A new in vitro micronucleus test in living cells associating biological tracers and high-content imaging. <i>Toxicology Letters</i> , 2016, 258, S146.	0.8	0
33	In vitro micronucleus test in living cells associating biological tracers and high-content imaging. <i>Toxicology Letters</i> , 2017, 280, S322.	0.8	0