

Katharina Schlacher

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,880
citations

430874

18
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-Strand Break Repair-Independent Role for BRCA2 in Blocking Stalled Replication Fork Degradation by MRE11. <i>Cell</i> , 2011, 145, 529-542.	28.9	1,036
2	A Distinct Replication Fork Protection Pathway Connects Fanconi Anemia Tumor Suppressors to RAD51-BRCA1/2. <i>Cancer Cell</i> , 2012, 22, 106-116.	16.8	753
3	DNA Polymerase V and RecA Protein, a Minimal Mutasome. <i>Molecular Cell</i> , 2005, 17, 561-572.	9.7	98
4	RecA acts in trans to allow replication of damaged DNA by DNA polymerase V. <i>Nature</i> , 2006, 442, 883-887.	27.8	97
5	Lessons from 50 years of SOS DNA-damage-induced mutagenesis. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 587-594.	37.0	95
6	Interaction of Chk1 with Treslin Negatively Regulates the Initiation of Chromosomal DNA Replication. <i>Molecular Cell</i> , 2015, 57, 492-505.	9.7	84
7	SIRF: Quantitative in situ analysis of protein interactions at DNA replication forks. <i>Journal of Cell Biology</i> , 2018, 217, 1521-1536.	5.2	79
8	p53 orchestrates DNA replication restart homeostasis by suppressing mutagenic RAD52 and POLI δ pathways. <i>ELife</i> , 2018, 7, .	6.0	78
9	Comprehensive Molecular Characterization Identifies Distinct Genomic and Immune Hallmarks of Renal Medullary Carcinoma. <i>Cancer Cell</i> , 2020, 37, 720-734.e13.	16.8	74
10	Plasticity of BRCA2 Function in Homologous Recombination: Genetic Interactions of the PALB2 and DNA Binding Domains. <i>PLoS Genetics</i> , 2011, 7, e1002409.	3.5	71
11	Roles of DNA Polymerase V and RecA Protein in SOS Damage-Induced Mutation. <i>Chemical Reviews</i> , 2006, 106, 406-419.	47.7	68
12	A Selective Small Molecule DNA2 Inhibitor for Sensitization of Human Cancer Cells to Chemotherapy. <i>EBioMedicine</i> , 2016, 6, 73-86.	6.1	68
13	Abro1 maintains genome stability and limits replication stress by protecting replication fork stability. <i>Genes and Development</i> , 2017, 31, 1469-1482.	5.9	54
14	<i>CDKN2A/p16</i> Deletion in Head and Neck Cancer Cells Is Associated with CDK2 Activation, Replication Stress, and Vulnerability to CHK1 Inhibition. <i>Cancer Research</i> , 2018, 78, 781-797.	0.9	37
15	APOBEC3A drives deaminase domain-independent chromosomal instability to promote pancreatic cancer metastasis. <i>Nature Cancer</i> , 2021, 2, 1338-1356.	13.2	35
16	EXO5-DNA structure and BLM interactions direct DNA resection critical for ATR-dependent replication restart. <i>Molecular Cell</i> , 2021, 81, 2989-3006.e9.	9.7	26
17	Constitutive role of the Fanconi anemia D2 gene in the replication stress response. <i>Journal of Biological Chemistry</i> , 2017, 292, 20184-20195.	3.4	25
18	PARPi focus the spotlight on replication fork protection in cancer. <i>Nature Cell Biology</i> , 2017, 19, 1309-1310.	10.3	20

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19	MRE11-dependent instability in mitochondrial DNA fork protection activates a cGAS immune signaling pathway. <i>Science Advances</i> , 2021, 7, eabf9441.	10.3	19
20	GnRH-Râ€“Targeted Lytic Peptide Sensitizes <i>BRCA</i> Wild-type Ovarian Cancer to PARP Inhibition. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 969-979.	4.1	12
21	Detection and Quantitation of Acetylated Histones on Replicating DNA Using In Situ Proximity Ligation Assay and Click-It Chemistry. <i>Methods in Molecular Biology</i> , 2019, 1983, 29-45.	0.9	11
22	A new road to cancer-drug resistance. <i>Nature</i> , 2018, 563, 478-480.	27.8	10
23	SIRF: A Single-cell Assay for in situ Protein Interaction with Nascent DNA Replication Forks. <i>Bio-protocol</i> , 2019, 9, e3377.	0.4	6
24	Purification and Characterization of <i>Escherichia coli</i> DNA Polymerase V. <i>Methods in Enzymology</i> , 2006, 408, 378-390.	1.0	4
25	Double-Strand Break Repair-Independent Role for BRCA2 in Blocking Stalled Replication Fork Degradation by MRE11. <i>Cell</i> , 2011, 145, 993.	28.9	4
26	Sense and sensibility: ATM oxygen stress signaling manages brain cell energetics. <i>Journal of Cell Biology</i> , 2019, 218, 732-734.	5.2	1