

Markus RÃ¶schle

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,535
citations

516215

16
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610482

24
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docs citations

25
times ranked

2989
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell transcription profiles in Bloom syndrome patients link <i>BLM</i> deficiency with altered condensin complex expression signatures. <i>Human Molecular Genetics</i> , 2022, 31, 2185-2193.	1.4	2
2	Fast and global reorganization of the chloroplast protein biogenesis network during heat acclimation. <i>Plant Cell</i> , 2022, 34, 1075-1099.	3.1	13
3	Increased Microtubule Growth Triggered by Microvesicle-mediated Paracrine Signaling is Required for Melanoma Cancer Cell Invasion. <i>Cancer Research Communications</i> , 2022, 2, 366-379.	0.7	2
4	The ER protein Ema19 facilitates the degradation of nonimported mitochondrial precursor proteins. <i>Molecular Biology of the Cell</i> , 2021, 32, 664-674.	0.9	18
5	The chaperone-binding activity of the mitochondrial surface receptor Tom70 protects the cytosol against mitoprotein-induced stress. <i>Cell Reports</i> , 2021, 35, 108936.	2.9	47
6	Nse5/6 inhibits the Smc5/6 ATPase and modulates DNA substrate binding. <i>EMBO Journal</i> , 2021, 40, e107807.	3.5	30
7	Processes shaping cancer genomes – From mitotic defects to chromosomal rearrangements. <i>DNA Repair</i> , 2021, 107, 103207.	1.3	3
8	The versatile interactome of chloroplast ribosomes revealed by affinity purification mass spectrometry. <i>Nucleic Acids Research</i> , 2021, 49, 400-415.	6.5	23
9	The intermembrane space protein Mix23 is a novel stress-induced mitochondrial import factor. <i>Journal of Biological Chemistry</i> , 2020, 295, 14686-14697.	1.6	14
10	CRL2 ^{Lrr1} promotes unloading of the vertebrate replisome from chromatin during replication termination. <i>Genes and Development</i> , 2017, 31, 275-290.	2.7	90
11	Proteomics reveals a new DNA repair factor involved in DNA damage signaling. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1263713.	0.3	0
12	Activation of the ATR kinase by the RPA-binding protein ETAA1. <i>Nature Cell Biology</i> , 2016, 18, 1196-1207.	4.6	208
13	SCAI promotes DNA double-strand break repair in distinct chromosomal contexts. <i>Nature Cell Biology</i> , 2016, 18, 1357-1366.	4.6	32
14	Homology-driven assembly of NON-redundant protein sequence sets (NOMESS) for mass spectrometry. <i>Bioinformatics</i> , 2016, 32, 1417-1419.	1.8	9
15	TRAI1 is a PCNA-binding ubiquitin ligase that protects genome stability after replication stress. <i>Journal of Cell Biology</i> , 2016, 212, 63-75.	2.3	65
16	Proteomics reveals dynamic assembly of repair complexes during bypass of DNA cross-links. <i>Science</i> , 2015, 348, 1253671.	6.0	183
17	XPF-ERCC1 Acts in Unhooking DNA Interstrand Crosslinks in Cooperation with FANCD2 and FANCP/SLX4. <i>Molecular Cell</i> , 2014, 54, 460-471.	4.5	254
18	Mechanism of RAD51-Dependent DNA Interstrand Cross-Link Repair. <i>Science</i> , 2011, 333, 84-87.	6.0	213

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19	The Fanconi Anemia Pathway Promotes Replication-Dependent DNA Interstrand Cross-Link Repair. <i>Science</i> , 2009, 326, 1698-1701.	6.0	454
20	Mechanism of Replication-Coupled DNA Interstrand Crosslink Repair. <i>Cell</i> , 2008, 134, 969-980.	13.5	443
21	Multiple Interactions with the Rad51 Recombinase Govern the Homologous Recombination Function of Rad54. <i>Journal of Biological Chemistry</i> , 2004, 279, 51973-51980.	1.6	62
22	Mutations within the hMLH1 and hPMS2 Subunits of the Human MutL \pm Mismatch Repair Factor Affect Its ATPase Activity, but Not Its Ability to Interact with hMutS \pm . <i>Journal of Biological Chemistry</i> , 2002, 277, 21810-21820.	1.6	104
23	Functional analysis of MLH1 mutations linked to hereditary nonpolyposis colon cancer. <i>Genes Chromosomes and Cancer</i> , 2002, 33, 160-7.	1.5	38
24	Mismatch Recognition and DNA-dependent Stimulation of the ATPase Activity of hMutS \pm Is Abolished by a Single Mutation in the hMSH6 Subunit. <i>Journal of Biological Chemistry</i> , 2000, 275, 36550-36555.	1.6	72
25	Identification of hMutL \pm , a Heterodimer of hMLH1 and hPMS1. <i>Journal of Biological Chemistry</i> , 1999, 274, 32368-32375.	1.6	156