Jochen Kuper

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1222572/publications.pdf

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25	1,182	567281 15	580821 25
papers	citations	h-index	g-index

27	27	27	1238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computed structures of core eukaryotic protein complexes. Science, 2021, 374, eabm4805.	12.6	316
2	Crystal Structure of the FeS Clusterâ€“Containing Nucleotide Excision Repair Helicase XPD. PLoS Biology, 2008, 6, e149.	5.6	195
3	Functional and structural studies of the nucleotide excision repair helicase XPD suggest a polarity for DNA translocation. EMBO Journal, 2012, 31, 494-502.	7.8	114
4	In TFIIH, XPD Helicase Is Exclusively Devoted to DNA Repair. PLoS Biology, 2014, 12, e1001954.	5.6	79
5	Role of XPD in cellular functions: To TFIIH and beyond. DNA Repair, 2016, 44, 136-142.	2.8	55
6	Structural basis for the shielding function of the dynamic trypanosome variant surface glycoprotein coat. Nature Microbiology, 2017, 2, 1523-1532.	13.3	48
7	Structural insights into the recognition of cisplatin and AAF-dG lesion by Rad14 (XPA). Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8272-8277.	7.1	46
8	FANCM interacts with PCNA to promote replication traverse of DNA interstrand crosslinks. Nucleic Acids Research, 2016, 44, 3219-3232.	14.5	41
9	Damage recognition in nucleotide excision DNA repair. Current Opinion in Structural Biology, 2012, 22, 88-93.	5.7	38
10	Global discovery of bacterial RNA-binding proteins by RNase-sensitive gradient profiles reports a new FinO domain protein. Rna, 2020, 26, 1448-1463.	3.5	34
11	In TFIIH the Arch domain of XPD is mechanistically essential for transcription and DNA repair. Nature Communications, 2020, 11, 1667.	12.8	32
12	Structural basis for CDK7 activation by MAT1 and Cyclin H. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26739-26748.	7.1	26
13	Impact of Age-Associated Cyclopurine Lesions on DNA Repair Helicases. PLoS ONE, 2014, 9, e113293.	2.5	21
14	The intricate network between the p34 and p44 subunits is central to the activity of the transcription/DNA repair factor TFIIH. Nucleic Acids Research, 2017, 45, 10872-10883.	14.5	21
15	DNA Helicases in NER, BER, and MMR. Advances in Experimental Medicine and Biology, 2013, 767, 203-224.	1.6	20
16	The TFIIH subunits p44/p62 act as a damage sensor during nucleotide excision repair. Nucleic Acids Research, 2020, 48, 12689-12696.	14.5	17
17	Catabolism of the Cholesterol Side Chain in Mycobacterium tuberculosis Is Controlled by a Redox-Sensitive Thiol Switch. ACS Infectious Diseases, 2017, 3, 666-675.	3.8	16
18	Single molecule analysis reveals monomeric XPA bends DNA and undergoes episodic linear diffusion during damage search. Nature Communications, 2020, 11, 1356.	12.8	16

#	Article	IF	Citations
19	How to limit the speed of a motor: the intricate regulation of the XPB ATPase and translocase in TFIIH. Nucleic Acids Research, 2020, 48, 12282-12296.	14.5	14
20	The Structure of the TFIIH p34 Subunit Reveals a Von Willebrand Factor A Like Fold. PLoS ONE, 2014, 9, e102389.	2.5	10
21	Pore-forming activity of BAD is regulated by specific phosphorylation and structural transitions of the C-terminal part. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 162-169.	2.4	6
22	Selectivity of Pyridone- and Diphenyl Ether-Based Inhibitors for the Yersinia pestis FabV Enoyl-ACP Reductase. Biochemistry, 2016, 55, 2992-3006.	2.5	6
23	Three targets in one complex: A molecular perspective of TFIIH in cancer therapy. DNA Repair, 2021, 105, 103143.	2.8	6
24	The Interaction Efficiency of XPD-p44 With Bulky DNA Damages Depends on the Structure of the Damage. Frontiers in Cell and Developmental Biology, 2021, 9, 617160.	3.7	4
25	Cesium based phasing of macromolecules: a general easy to use approach for solving the phase problem. Scientific Reports, 2021, 11, 17038.	3.3	1