Stefan Sigurdsson

List of Publications by Year
in descending order

20 papers	2,027 citations	430874 18 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	2343 citing authors

#	Article	IF	Citations
1	Superhelicity-Driven Homologous DNA Pairing by Yeast Recombination Factors Rad51 and Rad54. Molecular Cell, 2000, 6, 563-572.	9.7	213
2	Mediator function of the human Rad51Bâ€“Rad51C complex in Rad51/RPA-catalyzed DNA strand exchange. Genes and Development, 2001, 15, 3308-3318.	5.9	200
3	Human meiotic recombinase Dmc1 promotes ATP-dependent homologous DNA strand exchange. Nature, 2004, 429, 433-437.	27.8	174
4	Transcript Elongation by RNA Polymerase II. Annual Review of Biochemistry, 2010, 79, 271-293.	11.1	160
5	Roles of ATP binding and ATP hydrolysis in human Rad51 recombinase function. DNA Repair, 2006, 5, 381-391.	2.8	157
6	Basis for Avid Homologous DNA Strand Exchange by Human Rad51 and RPA. Journal of Biological Chemistry, 2001, 276, 8798-8806.	3.4	150
7	Distinct ubiquitin ligases act sequentially for RNA polymerase II polyubiquitylation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20705-20710.	7.1	144
8	Differential Contributions of Mammalian Rad54 Paralogs to Recombination, DNA Damage Repair, and Meiosis. Molecular and Cellular Biology, 2006, 26, 976-989.	2.3	134
9	Homologous DNA Pairing by Human Recombination Factors Rad51 and Rad54. Journal of Biological Chemistry, 2002, 277, 42790-42794.	3.4	132
10	BRCA2 mutation in Icelandic prostate cancer patients. Journal of Molecular Medicine, 1997, 75, 758-761.	3.9	127
11	Evidence that Transcript Cleavage Is Essential for RNA Polymerase II Transcription and Cell Viability. Molecular Cell, 2010, 38, 202-210.	9.7	116
12	Communication between Distant Sites in RNA Polymerase II through Ubiquitylation Factors and the Polymerase CTD. Cell, 2007, 129, 57-68.	28.9	65
13	Functional Cross-talk among Rad51, Rad54, and Replication Protein A in Heteroduplex DNA Joint Formation. Journal of Biological Chemistry, 2002, 277, 43578-43587.	3.4	60
14	Reversal of RNA Polymerase II Ubiquitylation by the Ubiquitin Protease Ubp3. Molecular Cell, 2008, 30, 498-506.	9.7	56
15	Epigenetic inactivation of the splicing RNA-binding protein CELF2 in human breast cancer. Oncogene, 2019, 38, 7106-7112.	5.9	48
16	CpG promoter methylation of the ALKBH3 alkylation repair gene in breast cancer. BMC Cancer, 2017, 17, 469.	2.6	35
17	p53 Abnormality and Chromosomal Instability in the Same Breast Tumor Cells. Cancer Genetics and Cytogenetics, 2000, 121, 150-155.	1.0	21
18	BRCA2 germline mutations in Swedish breast cancer families. European Journal of Human Genetics, 1998, 6, 134-139.	2.8	20

#	Article	IF	Citations
19	Breast cancer survival in Nordic BRCA2 mutation carriersâ€"unconventional association with oestrogen receptor status. British Journal of Cancer, 2020, 123, 1608-1615.	6.4	8
20	BRCA1 Promoter Methylation Status in 1031 Primary Breast Cancers Predicts Favorable Outcomes Following Chemotherapy. JNCI Cancer Spectrum, 2020, 4, pkz100.	2.9	7