Fekret Osman

List of Publications by Year
in descending order

35 papers	2,072 citations	304602 22 h-index	360920 35 g-index
40 all docs	40 docs citations	40 times ranked	1633 citing authors

#	Article	IF	Citations
1	Factors affecting template switch recombination associated with restarted DNA replication. ELife, 2019, 8, .	2.8	40
2	The PCNA unloader Elg1 promotes recombination at collapsed replication forks in fission yeast. ELife, 2019, 8, .	2.8	8
3	The Fml1-MHF complex suppresses inter-fork strand annealing in fission yeast. ELife, 2019, 8, .	2.8	4
4	Inter-Fork Strand Annealing causes genomic deletions during the termination of DNA replication. ELife, 2017, 6, .	2.8	10
5	The RecQ DNA helicase Rqh1 constrains Exonuclease 1-dependent recombination at stalled replication forks. Scientific Reports, 2016, 6, 22837.	1.6	10
6	Recombination occurs within minutes of replication blockage by RTS1 producing restarted forks that are prone to collapse. ELife, 2015, 4, e04539.	2.8	42
7	Rad51/Dmc1 paralogs and mediators oppose DNA helicases to limit hybrid DNA formation and promote crossovers during meiotic recombination. Nucleic Acids Research, 2014, 42, 13723-13735.	6.5	25
8	MHF1â€“2/CENP-S-X performs distinct roles in centromere metabolism and genetic recombination. Open Biology, 2013, 3, 130102.	1.5	28
9	Emerging roles for centromere-associated proteins in DNA repair and genetic recombination. Biochemical Society Transactions, 2013, 41, 1726-1730.	1.6	12
10	Slx8 Removes Pli1-Dependent Protein-SUMO Conjugates Including SUMOylated Topoisomerase I to Promote Genome Stability. PLoS ONE, 2013, 8, e71960.	1.1	16
11	The Fission Yeast FANCM Ortholog Directs Non-Crossover Recombination During Meiosis. Science, 2012, 336, 1585-1588.	6.0	101
12	The DNA helicase Pfh1 promotes fork merging at replication termination sites to ensure genome stability. Genes and Development, 2012, 26, 594-602.	2.7	60
13	Ultrafine anaphase bridges, broken DNA and illegitimate recombination induced by a replication fork barrier. Nucleic Acids Research, 2011, 39, 6568-6584.	6.5	51
14	A failure of meiotic chromosome segregation in a fbh1Î" mutant correlates with persistent Rad51-DNA associations. Nucleic Acids Research, 2011, 39, 1718-1731.	6.5	14
15	A Histone-Fold Complex and FANCM FormÂa Conserved DNA-Remodeling Complex to Maintain Genome Stability. Molecular Cell, 2010, 37, 865-878.	4.5	204
16	Fbh1 Limits Rad51-Dependent Recombination at Blocked Replication Forks. Molecular and Cellular Biology, 2009, 29, 4742-4756.	1.1	63
17	Monitoring Homologous Recombination Following Replication Fork Perturbation in the Fission Yeast Schizosaccharomyces pombe. Methods in Molecular Biology, 2009, 521, 535-552.	0.4	16
18	Efficient Second Strand Cleavage during Holliday Junction Resolution by RuvC Requires Both Increased Junction Flexibility and an Exposed 5â€² Phosphate. PLoS ONE, 2009, 4, e5347.	1.1	12

#	Article	IF	Citations
19	The FANCM Ortholog Fml1 Promotes Recombination at Stalled Replication Forks and Limits Crossing Over during DNA Double-Strand Break Repair. Molecular Cell, 2008, 32, 118-128.	4.5	140
20	Exploring the roles of Mus81-Eme1/Mms4 at perturbed replication forks. DNA Repair, 2007, 6, 1004-1017.	1.3	113
21	Mus81 cleavage of Holliday junctions: a failsafe for processing meiotic recombination intermediates?. EMBO Journal, 2007, 26, 1891-1901.	3.5	81
22	Replication fork blockage by RTS1 at an ectopic site promotes recombination in fission yeast. EMBO Journal, 2005, 24, 2011-2023.	3.5	95
23	The F-Box DNA Helicase Fbh1 Prevents Rhp51-Dependent Recombination without Mediator Proteins. Molecular and Cellular Biology, 2005, 25, 8084-8096.	1.1	111
24	A general role of the DNA glycosylase Nth1 in the abasic sites cleavage step of base excision repair in Schizosaccharomyces pombe. Nucleic Acids Research, 2004, 32, 5119-5125.	6.5	39
25	DNA repair by a Rad22-Mus81-dependent pathway that is independent of Rhp51. Nucleic Acids Research, 2004, 32, 5570-5581.	6.5	84
26	A new Schizosaccharomyces pombe base excision repair mutant, nth1, reveals overlapping pathways for repair of DNA base damage. Molecular Microbiology, 2003, 48, 465-480.	1.2	34
27	Generating Crossovers by Resolution of Nicked Holliday Junctions. Molecular Cell, 2003, 12, 761-774.	4.5	297
28	Cleavage of Model Replication Forks by Fission Yeast Mus81-Eme1 and Budding Yeast Mus81-Mms4. Journal of Biological Chemistry, 2003, 278, 6928-6935.	1.6	108
29	UV Irradiation Causes the Loss of Viable Mitotic Recombinants in Schizosaccharomyces pombe Cells Lacking the G2/M DNA Damage Checkpoint. Genetics, 2002, 160, 891-908.	1.2	11
30	Repair of UV damage in the fission yeast Schizosaccharomyces pombe. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 451, 197-210.	0.4	50
31	The genetic control of spontaneous and UV-induced mitotic intrachromosomal recombination in the fission yeast Schizosaccharomyces pombe. Current Genetics, 2000, 38, 113-125.	0.8	59
32	Differential effects of caffeine on DNA damage and replication cell cycle checkpoints in the fission yeast Schizosaccharomyces pombe. Molecular Genetics and Genomics, 1998, 260, 319-334.	2.4	25
33	Double-Strand Break-Induced Recombination in Eukaryotes. Progress in Molecular Biology and Translational Science, 1997, 58, 263-299.	1.9	51
34	Analysis of spontaneous and double-strand break-induced recombination in rad mutants of S. pombe. Mutation Research DNA Repair, 1996, 364, 147-160.	3.8	15
35	Double-Strand Break-Induced Mitotic Intrachromosomal Recombination in the Fission Yeast Schizosaccharomyces pombe. Genetics, 1996, 142, 341-357.	1.2	41