Franklin W Stahl

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7839716/publications.pdf

Version: 2024-02-01

75 papers	6,927 citations	94433 37 h-index	85541 71 g-index
77 all docs	77 docs citations	77 times ranked	2239 citing authors

#	Article	IF	Citations
1	Apparent Epigenetic Meiotic Double-Strand-Break Disparity in Saccharomyces cerevisiae: A Meta-Analysis. Genetics, 2016, 204, 129-137.	2.9	5
2	Serendipity and the times. Bacteriophage, 2015, 5, e1059003.	1.9	0
3	A Two-Pathway Analysis of Meiotic Crossing Over and Gene Conversion in Saccharomyces cerevisiae. Genetics, 2010, 186, 515-536.	2.9	15
4	On Spo16 and the Coefficient of Coincidence. Genetics, 2009, 181, 327-330.	2.9	3
5	Methods for Analysis of Crossover Interference in Saccharomyces cerevisiae. Methods in Molecular Biology, 2009, 557, 35-53.	0.9	11
6	Reduced Mismatch Repair of Heteroduplexes Reveals â€œNonâ€•interfering Crossing Over in Wild-Type Saccharomyces cerevisiae. Genetics, 2008, 178, 1251-1269.	2.9	38
7	On the â€œNPD Ratioâ€•as a Test for Crossover Interference. Genetics, 2008, 179, 701-704.	2.9	16
8	But see KITANI (1978). Genetics, 2008, 178, 1141-5.	2.9	3
9	But See Kitani (1978). Genetics, 2008, 178, 1141-1145.	2.9	5
10	Crossover Interference on Nucleolus Organizing Region-Bearing Chromosomes in Arabidopsis. Genetics, 2005, 170, 807-812.	2.9	33
11	Chi. Genetics, 2005, 170, 487-493.	2.9	18
12	Does Crossover Interference Count in Saccharomyces cerevisiae?. Genetics, 2004, 168, 35-48.	2.9	95
13	Gene Conversion and Crossing Over Along the 405-kb Left Arm of Saccharomyces cerevisiae Chromosome VII. Genetics, 2004, 168, 49-63.	2.9	90
14	Ira Herskowitz (1946â€“2003). Cell, 2003, 114, 9-10.	28.9	3
15	Gene products encoded in theninRregion of phage Î» participate in Red-mediated recombination. Genes To Cells, 2002, 7, 351-363.	1.2	30
16	Heteroduplex Rejection in Yeast?. Genetics, 2000, 154, 1913-1916.	2.9	10
17	About the special section. Journal of Genetics, 1999, 78, 1-1.	0.7	1
18	The Conversion Gradient at HIS4 of Saccharomyces cerevisiae. I. Heteroduplex Rejection and Restoration of Mendelian Segregation. Genetics, 1999, 153, 555-572.	2.9	24

#	Article	IF	Citations
19	The Conversion Gradient at HIS4 of Saccharomyces cerevisiae. II. A Role for Mismatch Repair Directed by Biased Resolution of the Recombinational Intermediate. Genetics, 1999, 153, 573-583.	2.9	39
20	Genetic Control of Recombination Partner Preference in Yeast Meiosis: Isolation and Characterization of Mutants Elevated for Meiotic Unequal Sister-Chromatid Recombination. Genetics, 1999, 153, 621-641.	2.9	119
21	Recombination in phage Î»: one geneticist's historical perspective1Published in conjunction with A Wisconsin Gathering honoring Waclaw Szybalski on occasion of his 75th year and 20years of Editorship-in-Chief of Gene, 10â€“11 August 1997, University of Wisconsin, Madison, WI, USA.1. Gene, 1998, 223, 95-102.	2.2	37
22	ALFRED D. HERSHEY. Annual Review of Genetics, 1998, 32, 1-6.	7.6	1
23	Young Jan. Genetics, 1998, 148, 1413-1414.	2.9	2
24	Hershey. Genetics, 1998, 149, 1-6.	2.9	69
25	In Vivo packaging of bacteriophage Î» monomeric chromosomes. Journal of Molecular Biology, 1997, 267, 75-87.	4.2	16
26	Roles for Î» Orf and Escherichia coli RecO, RecR and RecF in Î» Recombination. Genetics, 1997, 147, 357-369.	2.9	20
27	Annealing vs. Invasion in Phage Î» Recombination. Genetics, 1997, 147, 961-977.	2.9	96
28	A Test of the Double-Strand Break Repair Model for Meiotic Recombination in Saccharomyces cerevisiae. Genetics, 1996, 144, 27-41.	2.9	131
29	Recombination of bacteriophage Î» in recD mutants of Escherichia coli. Genome, 1989, 31, 53-67.	2.0	112
30	A unicorn in the garden. Nature, 1988, 335, 112-113.	27.8	139
31	Intra-chromosomal gene conversion induced by a DNA double-strand break in Saccharomyces cerevisiae. Journal of Molecular Biology, 1988, 201, 247-260.	4.2	98
32	Double-chain-cut sites are recombination hotspots in the red pathway of phage Î». Journal of Molecular Biology, 1987, 195, 75-87.	4.2	84
33	Genetic Recombination. Scientific American, 1987, 256, 90-101.	1.0	24
34	Tests of the Double-Strand-Break Repair Model for Red-Mediated Recombination of Phage Î› and Plasmid Î›dv. Genetics, 1987, 116, 501-511.	2.9	82
35	Double-strand breaks can initiate meiotic recombination in S. cerevisiae. Cell, 1986, 46, 733-740.	28.9	119
36	Roles of Double-Strand Breaks in Generalized Genetic Recombination. Progress in Molecular Biology and Translational Science, 1986, 33, 169-194.	1.9	58

#	Article	IF	Citations
37	DNA SYNTHESIS AT THE SITE OF A Red-MEDIATED EXCHANGE IN PHAGE Î›. Genetics, 1986, 113, 1-12.	2.9	25
38	DIRECTION OF TRAVEL OF RecBC RECOMBINASE THROUGH BACTERIOPHAGE LAMBDA DNA. Genetics, 1986, 113, 215-227.	2.9	74
39	Non-reciprocal crossing over in phage Î». Journal of Genetics, 1985, 64, 31-39.	0.7	12
40	Homologous recombination promoted by Chi sites and RecBC enzyme ofEscherichia coli. BioEssays, 1985, 2, 244-249.	2.5	53
41	Improved in vitro packaging of coliphage lambda DNA: a one-strain system free from endogenous phage. Gene, 1985, 38, 165-175.	2.2	89
42	In phage Î», cos is a recombinator in the red pathway. Journal of Molecular Biology, 1985, 181, 199-209.	4.2	86
43	COUPLING WITH PACKAGING EXPLAINS APPARENT NONRECIPROCALITY OF CHI-STIMULATED RECOMBINATION OF BACTERIOPHAGE LAMBDA BY RECA AND RECBC FUNCTIONS. Genetics, 1984, 108, 773-794.	2.9	38
44	DOES CHI GIVE OR TAKE?. Genetics, 1984, 108, 795-808.	2.9	26
45	Viability of Î» phages carrying a perfect palindrome in the absence of recombination nucleases. Nature, 1983, 305, 448-451.	27.8	199
46	The double-strand-break repair model for recombination. Cell, 1983, 33, 25-35.	28.9	2,687
47	THE INTERACTION OF cos WITH CHI IS SEPARABLE FROM DNA PACKAGING IN recA-recBC-MEDIATED RECOMBINATION OF BACTERIOPHAGE LAMBDA. Genetics, 1983, 104, 549-570.	2.9	36
48	CHI-STIMULATED RECOMBINATION BETWEEN PHAGE Î› AND THE PLASMID Î›dv. Genetics, 1982, 102, 599-613.	2.9	25
49	DIRECTIONALITY AND NONRECIPROCALITY OF CHI-STIMULATED RECOMBINATION IN PHAGE Î›. Genetics, 1980, 94, 235-248.	2.9	82
50	CHI MUTATION IN A TRANSPOSON AND THE ORIENTATION-DEPENDENCE OF CHI PHENOTYPE. Genetics, 1980, 96, 43-57.	2.9	33
51	WHAT ACCOUNTS FOR THE ORIENTATION DEPENDENCE AND DIRECTIONALITY OF CHI?. , 1980, , 919-926.		2
52	Orientation-dependent recombination hotspot activity in bacteriophage Î». Journal of Molecular Biology, 1979, 131, 681-695.	4.2	86
53	Red-mediated recombination of phage lambda in a recA â˜’ recBâ˜’host. Molecular Genetics and Genomics, 1978, 159, 207-211.	2.4	22
54	Hotspots for generalized recombination in the Escherichia coli chromosome. Journal of Molecular Biology, 1978, 121, 473-491.	4.2	69

#	Article	IF	Citations
55	RECOMBINATION PATHWAY SPECIFICITY OF CHI. Genetics, 1977, 86, 715-725.	2.9	132
56	ON RECOMBINATION BETWEEN CLOSE AND DISTANT MARKERS IN PHAGE LAMBDA. Genetics, 1976, 82, 577-593.	2.9	6
57	Rec-mediated recombinational hot spot activity in bacteriophage Î». Molecular Genetics and Genomics, 1975, 140, 29-37.	2.4	47
58	Rec-mediated recombinational hot spot activity in bacteriophage lambda. Journal of Molecular Biology, 1975, 94, 203-212.	4.2	160
59	A role for recBC nuclease in the distribution of crossovers along unreplicated chromosomes of phage Î». Molecular Genetics and Genomics, 1974, 131, 27-30.	2.4	14
60	Red-Mediated Recombination in Bacteriophage Lambda. , 1974, , 407-419.		14
61	THE DISTRIBUTION OF CROSSOVERS ALONG UNREPLICATED LAMBDA BACTERIOPHAGE CHROMOSOMES. Genetics, 1974, 77, 395-408.	2.9	85
62	REC-MEDIATED RECOMBINATIONAL HOT SPOT ACTIVITY IN BACTERIOPHAGE LAMBDA. I. HOT SPOT ACTIVITY ASSOCIATED WITH SPI-DELETIONS AND bio SUBSTITUTIONS. Genetics, 1974, 77, 409-423.	2.9	72
63	REC-MEDIATED RECOMBINATIONAL HOT SPOT ACTIVITY IN BACTERIOPHAGE LAMBDA II. A MUTATION WHICH CAUSES HOT SPOT ACTIVITY. Genetics, 1974, 77, 425-433.	2.9	215
64	A role for recombination in the production of â€œfree-loaderâ€•lambda bacteriophage particles. Journal of Molecular Biology, 1972, 68, 57-67.	4.2	122
65	Properties of the DNA-delay mutants of bacteriophage T4. Virology, 1971, 46, 900-919.	2.4	107
66	CO-TRANSCRIBED CISTRONS IN BACTERIOPHAGE T4. Genetics, 1970, 64, 157-170.	2.9	71
67	Circular genetic maps. Journal of Cellular Physiology, 1967, 70, 1-12.	4.1	57
68	THE EVOLUTION OF GENE CLUSTERS AND GENETIC CIRCULARITY IN MICROORGANISMS. Genetics, 1966, 53, 569-576.	2.9	91
69	THE LINKAGE MAP OF BACTERIOPHAGE T4. Genetics, 1964, 50, 539-552.	2.9	103
70	CIRCULARITY OF THE GENETIC MAP OF BACTERIOPHAGE T4. Genetics, 1963, 48, 1659-1672.	2.9	33
71	Radiation-sensitivity of bacteriophage containing 5-bromodeoxyuridine. Virology, 1961, 13, 98-104.	2.4	166
72	Radiobiology of Bacteriophage. , 1959, , 353-385.		14

#	Article	IF	Citations
73	The effects of the decay of incorporated radioactive phosphorus on the genome of bacteriophage T4. Virology, 1956, 2, 206-234.	2.4	43
74	Genetic recombination and replication in bacteriophage. Journal of Cellular and Comparative Physiology, 1955, 45, 51-74.	1.8	73
75	Overview of Homologous Recombination and Repair Machines. , 0, , 347-367.		5