

David W Mount

List of Publications by Year in descending order

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33
papers

3,449
citations

279701

23
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

1407
citing authors

#	ARTICLE	IF	CITATIONS
1	The SOS regulatory system of <i>Escherichia coli</i> . <i>Cell</i> , 1982, 29, 11-22.	13.5	1,580
2	Dominant Mutations (<i>lex</i>) in <i>Escherichia coli</i> K-12 Which Affect Radiation Sensitivity and Frequency of Ultraviolet Light-Induced Mutations. <i>Journal of Bacteriology</i> , 1972, 112, 886-893.	1.0	339
3	Genetic Analysis of Recombination-Deficient Mutants of <i>Escherichia coli</i> K-12 Carrying <i>rec</i> Mutations Cotransducible with <i>thyA</i> . <i>Journal of Bacteriology</i> , 1969, 100, 923-934.	1.0	216
4	Repair of UV damage in plants by nucleotide excision repair: <i>Arabidopsis</i> UVH1 DNA repair gene is a homolog of <i>Saccharomyces cerevisiae</i> Rad1. <i>Plant Journal</i> , 2000, 21, 519-528.	2.8	120
5	Suppression of <i>lex</i> Mutations Affecting Deoxyribonucleic Acid Repair in <i>Escherichia coli</i> K-12 by Closely Linked Thermosensitive Mutations. <i>Journal of Bacteriology</i> , 1973, 116, 950-956.	1.0	108
6	Nucleotide sequence of the <i>lexA</i> gene of <i>Escherichia coli</i> K-12. <i>Nucleic Acids Research</i> , 1981, 9, 4149-4161.	6.5	102
7	Mechanisms of DNA Replication and Mutagenesis in Ultraviolet-Irradiated Bacteria and Mammalian Cells. <i>Progress in Molecular Biology and Translational Science</i> , 1981, 25, 53-126.	1.9	93
8	Viability of <i>Escherichia coli</i> K-12 DNA adenine methylase (<i>dam</i>) mutants requires increased expression of specific genes in the SOS regulon. <i>Molecular Genetics and Genomics</i> , 1985, 201, 14-19.	2.4	83
9	<i>Arabidopsis</i> UVH6, a Homolog of Human XPD and Yeast RAD3 DNA Repair Genes, Functions in DNA Repair and Is Essential for Plant Growth. <i>Plant Physiology</i> , 2003, 132, 1405-1414.	2.3	75
10	Molecular Genetic Consequences of a Population Bottleneck Associated with Reintroduction of the Mauna Kea Silversword (<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i> [Asteraceae]). Consecuencias Genetico-Moleculares de un Cuello de Botella Poblacional Asociado con la Reintroducción de la Espada Plateada de Mauna Kea (<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i> [Asteraceae]). <i>Conservation Biology</i> , 1997, 11, 1140-1146.	2.4	70
11	<i>Arabidopsis</i> UVH3 gene is a homolog of the <i>Saccharomyces cerevisiae</i> RAD2 and human XPG DNA repair genes. <i>Plant Journal</i> , 2001, 26, 329-338.	2.8	70
12	Preferential cleavage of phage λ repressor monomers by <i>recA</i> protease. <i>Nature</i> , 1981, 294, 182-184.	13.7	53
13	Inducible, error-free DNA repair in <i>tsl recA</i> mutants of <i>E. coli</i> . <i>Molecular Genetics and Genomics</i> , 1976, 146, 37-41.	2.4	50
14	Isolation and characterization of an operator-constitutive mutation in the <i>recA</i> gene of <i>E. coli</i> K-12. <i>Molecular Genetics and Genomics</i> , 1982, 187, 4-11.	2.4	47
15	Differential repression of SOS genes by unstable LexA41 (<i>Tsl-1</i>) protein causes a "split-phenotype" in <i>Escherichia coli</i> K-12. <i>Journal of Molecular Biology</i> , 1987, 193, 27-40.	2.0	47
16	Isolation and Genetic Analysis of a Strain of <i>Escherichia coli</i> K-12 with an Amber <i>recA</i> Mutation. <i>Journal of Bacteriology</i> , 1971, 107, 388-389.	1.0	46
17	Analysis of mRNA synthesis following induction of the <i>Escherichia coli</i> SOS system. <i>Journal of Molecular Biology</i> , 1984, 178, 237-248.	2.0	41
18	Properties of strains of <i>Escherichia coli</i> K12 carrying mutant <i>lex</i> and <i>rec</i> alleles. <i>Molecular Genetics and Genomics</i> , 1973, 121, 197-205.	2.4	39

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19	Ultraviolet light-induced mutation in UV-resistant, thermosensitive derivatives of <i>lexA</i> ⁺ strains of <i>Escherichia coli</i> K-12. <i>Molecular Genetics and Genomics</i> , 1975, 136, 95-106.	2.4	36
20	Alisertib Added to Rituximab and Vincristine Is Synthetic Lethal and Potentially Curative in Mice with Aggressive DLBCL Co-Overexpressing MYC and BCL2. <i>PLoS ONE</i> , 2014, 9, e95184.	1.1	35
21	Double-negative (CD27 ⁺ IgD ⁺) B cells are expanded in NSCLC and inversely correlate with affinity-matured B cell populations. <i>Journal of Translational Medicine</i> , 2018, 16, 30.	1.8	33
22	Properties of strains of <i>Escherichia coli</i> K12 carrying mutant <i>lex-1</i> and <i>uvrA6</i> alleles. <i>Molecular Genetics and Genomics</i> , 1973, 120, 291-299.	2.4	26
23	Reprogramming transcription. <i>Nature</i> , 1996, 383, 763-764.	13.7	26
24	A method for the isolation of phage mutants altered in their response to lysogenic induction. <i>Molecular Genetics and Genomics</i> , 1976, 145, 165-167.	2.4	23
25	Genetics of DNA repair in bacteria. <i>Trends in Genetics</i> , 1986, 2, 55-58.	2.9	23
26	Physiology of the SOS response: Kinetics of <i>lexA</i> and <i>recA</i> transcriptional activity following induction. <i>Molecular Genetics and Genomics</i> , 1985, 198, 207-212.	2.4	20
27	Indirect Suppression of Radiation Sensitivity of a <i>recA</i> ⁺ Strain of <i>Escherichia coli</i> K12. , 1975, 5A, 383-388.		11
28	Influence of plasmids carrying the <i>lexA</i> gene on DNA repair and related processes in <i>Escherichia coli</i> K-12. <i>Molecular Genetics and Genomics</i> , 1980, 177, 477-483.	2.4	10
29	TREGED: A new strategy for inducing deletions in plant genomes. <i>Plant Molecular Biology Reporter</i> , 2000, 18, 255-263.	1.0	8
30	A genetic nomenclature for <i>lex</i> and <i>exr</i> alleles in <i>Escherichia coli</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1976, 36, 237-239.	0.4	7
31	Increased expression of the <i>Escherichia coli</i> <i>umuDC</i> operon restores SOS mutagenesis in <i>lexA41</i> cells. <i>Molecular Genetics and Genomics</i> , 1988, 213, 541-544.	2.4	6
32	UVH6, a Plant Homolog of the Human/Yeast TFIIH Transcription Factor Subunit XPD/RAD3, Regulates Cold-stress Genes in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology Reporter</i> , 2009, 27, 217-228.	1.0	4
33	Differential Expression of SOS Genes in an <i>E. Coli</i> Mutant Producing Unstable LexA Protein Enhances Excision Repair But Inhibits Mutagenesis. , 1986, 38, 265-271.		2