

# Elisabeth A Raleigh

## List of Publications by Year in descending order

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38  
papers

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304743

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Reassembling a cannon in the DNA defense arsenal: Genetics of StySA, a BREX phage exclusion system in <i>Salmonella</i> lab strains. <i>PLoS Genetics</i> , 2022, 18, e1009943.	3.5	4
2	Complete Annotated Genome Sequence of the <i>Salmonella enterica</i> Serovar Typhimurium LT7 Strain STK003, Historically Used in Gene Transfer Studies. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
3	Genome archaeology of two laboratory <i>Salmonella enterica enterica</i> sv Typhimurium. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	4
4	Genome analysis of <i>Salmonella enterica</i> serovar Typhimurium bacteriophage L, indicator for StySA (StyLT2III) restriction-modification system action. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	7
5	Plasmid replication-associated single-strand-specific methyltransferases. <i>Nucleic Acids Research</i> , 2020, 48, 12858-12873.	14.5	12
6	Rpn (YhgA-Like) Proteins of <i>Escherichia coli</i> K-12 and Their Contribution to RecA-Independent Horizontal Transfer. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	21
7	EcoBLMcrX, a classical modification-dependent restriction enzyme in <i>Escherichia coli</i> B: Characterization in vivo and in vitro with a new approach to cleavage site determination. <i>PLoS ONE</i> , 2017, 12, e0179853.	2.5	8
8	Complete Genome Sequence of the Engineered <i>Escherichia coli</i> SHuffle Strains and Their Wild-Type Parents. <i>Genome Announcements</i> , 2016, 4, .	0.8	19
9	Biosynthesis and Function of Modified Bases in Bacteria and Their Viruses. <i>Chemical Reviews</i> , 2016, 116, 12655-12687.	47.7	151
10	Novel recA-Independent Horizontal Gene Transfer in <i>Escherichia coli</i> K-12. <i>PLoS ONE</i> , 2015, 10, e0130813.	2.5	12
11	Complete Genome Sequence of ER2796, a DNA Methyltransferase-Deficient Strain of <i>Escherichia coli</i> K-12. <i>PLoS ONE</i> , 2015, 10, e0127446.	2.5	31
12	Type I restriction enzymes and their relatives. <i>Nucleic Acids Research</i> , 2014, 42, 20-44.	14.5	217
13	The other face of restriction: modification-dependent enzymes. <i>Nucleic Acids Research</i> , 2014, 42, 56-69.	14.5	149
14	Highlights of the DNA cutters: a short history of the restriction enzymes. <i>Nucleic Acids Research</i> , 2014, 42, 3-19.	14.5	284
15	A versatile element for gene addition in bacterial chromosomes. <i>Nucleic Acids Research</i> , 2012, 40, e19-e19.	14.5	20
16	Cleavage of a model DNA replication fork by a methyl-specific endonuclease. <i>Nucleic Acids Research</i> , 2011, 39, 5489-5498.	14.5	16
17	Evolution of Bacterial Phosphoglycerate Mutases: Non-Homologous Isofunctional Enzymes Undergoing Gene Losses, Gains and Lateral Transfers. <i>PLoS ONE</i> , 2010, 5, e13576.	2.5	29
18	Functional characterization of the YmcB and YqeV tRNA methylthiotransferases of <i>Bacillus subtilis</i> . <i>Nucleic Acids Research</i> , 2010, 38, 6195-6205.	14.5	39

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19	Discovery and distribution of super-integrans among Pseudomonads. <i>Molecular Microbiology</i> , 2008, 42, 587-601.	2.5	80
20	RimO, a MiaB-like enzyme, methylthiolates the universally conserved Asp88 residue of ribosomal protein S12 in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1826-1831.	7.1	97
21	Cassette-like variation of restriction enzyme genes in <i>Escherichia coli</i> C and relatives. <i>Nucleic Acids Research</i> , 2004, 32, 522-534.	14.5	53
22	Transposon-Mediated Linker Insertion Scanning Mutagenesis of the <i>Escherichia coli</i> McrA Endonuclease. <i>Journal of Bacteriology</i> , 2004, 186, 5699-5707.	2.2	29
23	A nomenclature for restriction enzymes, DNA methyltransferases, homing endonucleases and their genes. <i>Nucleic Acids Research</i> , 2003, 31, 1805-1812.	14.5	634
24	Methyl-specific DNA binding by McrBC, a modification-dependent restriction enzyme. <i>Journal of Molecular Biology</i> , 2000, 298, 611-622.	4.2	63
25	The McrBC endonuclease translocates DNA in a reaction dependent on GTP hydrolysis 1 Edited by J. Karn. <i>Journal of Molecular Biology</i> , 1999, 290, 49-60.	4.2	56
26	Molecular Evolution of the <i>Escherichia coli</i> Chromosome. V. Recombination Patterns Among Strains of Diverse Origin. <i>Genetics</i> , 1999, 153, 539-554.	2.9	36
27	McrBs, a modulator peptide for McrBC activity. <i>EMBO Journal</i> , 1998, 17, 5477-5483.	7.8	22
28	On the regulation and diversity of restriction in <i>Escherichia coli</i> . <i>Gene</i> , 1995, 157, 229-230.	2.2	2
29	The "endo-blue method"™ for direct cloning of restriction endonuclease genes in <i>E. coli</i> . <i>Nucleic Acids Research</i> , 1994, 22, 2399-2403.	14.5	41
30	McrBC: a multisubunit GTP-dependent restriction endonuclease. <i>Journal of Molecular Biology</i> , 1992, 225, 327-348.	4.2	200
31	Organization and function of the mcrBC genes of <i>Escherichia coli</i> K-12. <i>Molecular Microbiology</i> , 1992, 6, 1079-1086.	2.5	133
32	McrA and McrB restriction phenotypes of some <i>E. coli</i> strains and implications for gene cloning. <i>Nucleic Acids Research</i> , 1988, 16, 1563-1575.	14.5	357
33	Genetic dissection of the methylcytosine-specific restriction system mcrB of <i>Escherichia coli</i> K-12. <i>Gene</i> , 1988, 74, 23-24.	2.2	16
34	[12] Restriction and modification in vivo by <i>Escherichia coli</i> K12. <i>Methods in Enzymology</i> , 1987, 152, 130-141.	1.0	30
35	Physical Analysis of Tn10- and IS10-Promoted Transpositions and Rearrangements. <i>Genetics</i> , 1987, 116, 359-369.	2.9	50
36	Multiple IS10 rearrangements in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1984, 173, 437-461.	4.2	28

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37	Lack of correlation between extracellular polysaccharide and nodulation ability in Rhizobium. Nature, 1981, 292, 148-149.	27.8	42
38	Determination of DNA concentration by electron microscopy. Analytical Biochemistry, 1976, 72, 460-467.	2.4	12