

Antal Kiss

List of Publications by Year in descending order

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29
papers

1,705
citations

586496

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536525

29
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docs citations

29
times ranked

1449
citing authors

#	ARTICLE	IF	CITATIONS
1	KRAB-Induced Heterochromatin Effectively Silences PLOD2 Gene Expression in Somatic Cells and Is Resilient to TGF β 1 Activation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3634.	1.8	6
2	I-Block: a simple Escherichia coli-based assay for studying sequence-specific DNA binding of proteins. <i>Nucleic Acids Research</i> , 2020, 48, e28-e28.	6.5	3
3	Circularly permuted variants of two CG-specific prokaryotic DNA methyltransferases. <i>PLoS ONE</i> , 2018, 13, e0197232.	1.1	5
4	Cytosine-to-Uracil Deamination by SssI DNA Methyltransferase. <i>PLoS ONE</i> , 2013, 8, e79003.	1.1	14
5	BspRI restriction endonuclease: cloning, expression in Escherichia coli and sequential cleavage mechanism. <i>Nucleic Acids Research</i> , 2010, 38, 7155-7166.	6.5	11
6	The Type II restriction endonuclease MvaI has dual specificity. <i>Nucleic Acids Research</i> , 2010, 38, 8231-8238.	6.5	3
7	Targeted DNA Methylation by a DNA Methyltransferase Coupled to a Triple Helix Forming Oligonucleotide To Down-Regulate the Epithelial Cell Adhesion Molecule. <i>Bioconjugate Chemistry</i> , 2010, 21, 1239-1245.	1.8	25
8	Persistent downregulation of the pancarcinoma-associated epithelial cell adhesion molecule <i>E-cadherin</i> via active intranuclear methylation. <i>International Journal of Cancer</i> , 2008, 123, 484-489.	2.3	19
9	Cloning and Characterization of the DNA Region Responsible for Megacin A-216 Production in <i>Bacillus megaterium</i> 216. <i>Journal of Bacteriology</i> , 2008, 190, 6448-6457.	1.0	20
10	In Vivo DNA Protection by Relaxed-Specificity SssI DNA Methyltransferase Variants. <i>Journal of Bacteriology</i> , 2008, 190, 8003-8008.	1.0	9
11	Reversible Inactivation of the CG Specific SssI DNA (Cytosine-C5)-Methyltransferase with a Photocleavable Protecting Group. <i>ChemBioChem</i> , 2007, 8, 202-207.	1.3	25
12	Serum insensitive, intranuclear protein delivery by the multipurpose cationic lipid Saint-2. <i>Journal of Controlled Release</i> , 2007, 123, 228-238.	4.8	35
13	Changing the recognition specificity of a DNA-methyltransferase by in vitro evolution. <i>Nucleic Acids Research</i> , 2004, 32, 3898-3903.	6.5	23
14	A nomenclature for restriction enzymes, DNA methyltransferases, homing endonucleases and their genes. <i>Nucleic Acids Research</i> , 2003, 31, 1805-1812.	6.5	634
15	DNA nicks inflicted by restriction endonucleases are repaired by a RecA- and RecB-dependent pathway in Escherichia coli. <i>Molecular Microbiology</i> , 2002, 33, 1141-1151.	1.2	32
16	Covalent joining of the subunits of a homodimeric type II restriction endonuclease: single-chain PvuII endonuclease. <i>Journal of Molecular Biology</i> , 2001, 309, 89-97.	2.0	28
17	Footprint analysis of the bspRI DNA methyltransferase-DNA interaction. <i>Nucleic Acids Research</i> , 1997, 25, 2841-2846.	6.5	8
18	Self-methylation of the M ¹ BspRI methyltransferase. <i>Gene</i> , 1995, 157, 105.	1.0	3

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19	Purification of the KpnI DNA methyltransferase and photolabeling of the enzyme with S-adenosyl-L-methionine. <i>Gene</i> , 1995, 164, 65-69.	1.0	4
20	Purification and biochemical characterization of the Ecal DNA methyltransferase. <i>FEBS Journal</i> , 1992, 209, 391-397.	0.2	6
21	M.KpnI is an adenine-methyltransferase. <i>Nucleic Acids Research</i> , 1991, 19, 3460-3460.	6.5	8
22	Cloning and nucleotide sequence of the gene encoding the Ecal DNA methyltransferase. <i>Nucleic Acids Research</i> , 1990, 18, 355-359.	6.5	17
23	Cloning and characterization of the HpaII methylase gene. <i>Nucleic Acids Research</i> , 1990, 18, 1377-1383.	6.5	39
24	Nucleotide sequence of the BsuRI restriction-modification system. <i>Nucleic Acids Research</i> , 1985, 13, 6403-6421.	6.5	139
25	Structure of the gene coding for the sequence-specific DNA-methyltransferase of the B. subtilis phage SPR. <i>Nucleic Acids Research</i> , 1984, 12, 9039-9049.	6.5	54
26	Location of nodulation and nitrogen fixation genes on a high molecular weight plasmid of R. meliloti. <i>Molecular Genetics and Genomics</i> , 1981, 184, 318-325.	2.4	345
27	Cloning the modification methylase gene of Bacillus sphaericus R in Escherichia coli. <i>Gene</i> , 1980, 10, 219-225.	1.0	120
28	Biochemical Characterization of the Restriction-Modification System of Bacillus sphaericus. <i>FEBS Journal</i> , 1978, 89, 523-529.	0.2	55
29	Cloning of an E. coli ribosomal RNA gene and its promoter region from. <i>Gene</i> , 1978, 4, 137-152.	1.0	15