

# Josef Jiricny

## List of Publications by Year in descending order

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144  
papers

13,058  
citations

19655

61  
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23530

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147  
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147  
docs citations

147  
times ranked

11005  
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic CRISPR screen defines mutational mechanisms underpinning signatures caused by replication errors and endogenous DNA damage. <i>Nature Cancer</i> , 2021, 2, 643-657.	13.2	94
2	FAN1-MLH1 interaction affects repair of DNA interstrand cross-links and slipped-CAG/CTG repeats. <i>Science Advances</i> , 2021, 7, .	10.3	17
3	FANCD2-Associated Nuclease 1 Partially Compensates for the Lack of Exonuclease 1 in Mismatch Repair. <i>Molecular and Cellular Biology</i> , 2021, 41, e0030321.	2.3	11
4	ATAD5 deficiency alters DNA damage metabolism and sensitizes cells to PARP inhibition. <i>Nucleic Acids Research</i> , 2020, 48, 4928-4939.	14.5	11
5	Synthetic lethality between BRCA1 deficiency and poly(ADP-ribose) polymerase inhibition is modulated by processing of endogenous oxidative DNA damage. <i>Nucleic Acids Research</i> , 2019, 47, 9132-9143.	14.5	26
6	Ectopic Methylation of a Single Persistently Unmethylated CpG in the Promoter of the Vitellogenin Gene Abolishes Its Inducibility by Estrogen through Attenuation of Upstream Stimulating Factor Binding. <i>Molecular and Cellular Biology</i> , 2019, 39, .	2.3	4
7	FAN1 interaction with ubiquitylated PCNA alleviates replication stress and preserves genomic integrity independently of BRCA2. <i>Nature Communications</i> , 2017, 8, 1073.	12.8	33
8	An appreciation of Sir Adrian Peter Bird: winner of the Charles Rodolphe Brupbacher Prize for Cancer Research 2017. <i>Swiss Medical Weekly</i> , 2017, 147, w14541.	1.6	0
9	Dual daughter strand incision is processive and increases the efficiency of DNA mismatch repair. <i>Nucleic Acids Research</i> , 2016, 44, 6770-6786.	14.5	18
10	Non-canonical uracil processing in DNA gives rise to double-strand breaks and deletions: relevance to class switch recombination. <i>Nucleic Acids Research</i> , 2016, 44, 2691-2705.	14.5	15
11	Chromosome Missegregation Associated with RUVBL1 Deficiency. <i>PLoS ONE</i> , 2015, 10, e0133576.	2.5	28
12	Mismatch repair-dependent metabolism of O <sup>6</sup> -methylguanine-containing DNA in <i>Xenopus laevis</i> egg extracts. <i>DNA Repair</i> , 2015, 28, 1-7.	2.8	17
13	Influence of Oxidized Purine Processing on Strand Directionality of Mismatch Repair. <i>Journal of Biological Chemistry</i> , 2015, 290, 9986-9999.	3.4	17
14	FANCD2-associated Nuclease 1, but Not Exonuclease 1 or Flap Endonuclease 1, Is Able to Unhook DNA Interstrand Cross-links in Vitro. <i>Journal of Biological Chemistry</i> , 2015, 290, 22602-22611.	3.4	37
15	Phenotypic characterization of missense polymerase- $\delta$ mutations using an inducible protein-replacement system. <i>Nature Communications</i> , 2014, 5, 4990.	12.8	15
16	Biochemical characterization of a cancer-associated E109K missense variant of human exonuclease 1. <i>Nucleic Acids Research</i> , 2014, 42, 7096-7103.	14.5	17
17	High Expression of the Mismatch Repair Protein MSH6 Is Associated With Poor Patient Survival in Melanoma. <i>American Journal of Clinical Pathology</i> , 2014, 142, 121-132.	0.7	22
18	Ribonucleotides Misincorporated into DNA Act as Strand-Discrimination Signals in Eukaryotic Mismatch Repair. <i>Molecular Cell</i> , 2013, 50, 323-332.	9.7	139

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19	Postreplicative Mismatch Repair. Cold Spring Harbor Perspectives in Biology, 2013, 5, a012633-a012633.	5.5	267
20	MSH6- or PMS2-deficiency causes re-replication in DT40 B cells, but it has little effect on immunoglobulin gene conversion or on repair of AID-generated uracils. Nucleic Acids Research, 2013, 41, 3032-3046.	14.5	12
21	Early Insights into the Function of KIAA1199, a Markedly Overexpressed Protein in Human Colorectal Tumors. PLoS ONE, 2013, 8, e69473.	2.5	51
22	Repair of cisplatin-induced DNA interstrand crosslinks by a replication-independent pathway involving transcription-coupled repair and translesion synthesis. Nucleic Acids Research, 2012, 40, 8953-8964.	14.5	142
23	The endonuclease Ankle1 requires its LEM and GIY-YIG motifs for DNA cleavage in vivo. Journal of Cell Science, 2012, 125, 1048-1057.	2.0	47
24	Noncanonical Mismatch Repair as a Source of Genomic Instability in Human Cells. Molecular Cell, 2012, 47, 669-680.	9.7	132
25	LEM-3 " A LEM Domain Containing Nuclease Involved in the DNA Damage Response in C. elegans. PLoS ONE, 2012, 7, e24555.	2.5	43
26	Interplay between mismatch repair and chromatin assembly. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1895-1900.	7.1	68
27	Mammalian mismatch repair: error-free or error-prone?. Trends in Biochemical Sciences, 2012, 37, 206-214.	7.5	96
28	Chronic exposure to cigarette smoke condensate in vitro induces epithelial to mesenchymal transition-like changes in human bronchial epithelial cells, BEAS-2B. Toxicology in Vitro, 2011, 25, 446-453.	2.4	77
29	Embryonic lethal phenotype reveals a function of TDG in maintaining epigenetic stability. Nature, 2011, 470, 419-423.	27.8	323
30	Familial colorectal cancer: eleven years of data from a registry program in Switzerland. Familial Cancer, 2011, 10, 605-616.	1.9	8
31	Preinvasive colorectal lesion transcriptomes correlate with endoscopic morphology (polypoid) Tj ETQq1 1 0.784314 rgBT /Overlock 10	6.9	39
32	Involvement of SLX4 in interstrand cross-link repair is regulated by the Fanconi anemia pathway. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6492-6496.	7.1	169
33	DNA Repair: How MutM Finds the Needle in a Haystack. Current Biology, 2010, 20, R145-R147.	3.9	4
34	KIAA1018/FAN1 nuclease protects cells against genomic instability induced by interstrand cross-linking agents. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21553-21557.	7.1	72
35	PCNA and MutL: Partners in crime in triplet repeat expansion?. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16409-16410.	7.1	12
36	Deficiency of FANCD2-Associated Nuclease KIAA1018/FAN1 Sensitizes Cells to Interstrand Crosslinking Agents. Cell, 2010, 142, 77-88.	28.9	256

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37	Interference of mismatch and base excision repair during the processing of adjacent U/G mispairs may play a key role in somatic hypermutation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5593-5598.	7.1	78
38	Characterization of the Mycobacterial NER System Reveals Novel Functions of the <i>uvrD1</i> Helicase. Journal of Bacteriology, 2009, 191, 555-562.	2.2	34
39	The Uracil DNA Glycosylase UdgB of <i>Mycobacterium smegmatis</i> Protects the Organism from the Mutagenic Effects of Cytosine and Adenine Deamination. Journal of Bacteriology, 2009, 191, 6312-6319.	2.2	19
40	Induction of Two DNA Mismatch Repair Proteins, MSH2 and MSH6, in Differentiated Human Neuroblastoma SH-SY5Y Cells. Journal of Neurochemistry, 2008, 72, 974-979.	3.9	23
41	Mechanisms of pathogenicity in human <i>MSH2</i> missense mutants. Human Mutation, 2008, 29, 1355-1363.	2.5	51
42	Multiplex SNaPshot Genotyping for Detecting Loss of Heterozygosity in the Mismatch-Repair Genes MLH1 and MSH2 in Microsatellite-Unstable Tumors. Clinical Chemistry, 2008, 54, 1844-1854.	3.2	18
43	DNA Cytosine Demethylation: Are We Getting Close?. Cell, 2008, 135, 1167-1169.	28.9	30
44	Interplay of DNA Repair Pathways Controls Methylation Damage Toxicity in <i>Saccharomyces cerevisiae</i> . Genetics, 2008, 179, 1835-1844.	2.9	16
45	Transcriptome Profile of Human Colorectal Adenomas. Molecular Cancer Research, 2007, 5, 1263-1275.	3.4	428
46	Mismatch repair-dependent processing of methylation damage gives rise to persistent single-stranded gaps in newly replicated DNA. Genes and Development, 2007, 21, 3342-3355.	5.9	150
47	Mismatch Repair Status and the Response of Human Cells to Cisplatin. Cell Cycle, 2007, 6, 1796-1802.	2.6	40
48	Background Mutation Frequency in Microsatellite-Unstable Colorectal Cancer. Cancer Research, 2007, 67, 5691-5698.	0.9	38
49	Characterization of the Interactome of the Human MutL Homologues MLH1, PMS1, and PMS2. Journal of Biological Chemistry, 2007, 282, 2976-2986.	3.4	129
50	MutL±: At the Cutting Edge of Mismatch Repair. Cell, 2006, 126, 239-241.	28.9	38
51	The multifaceted mismatch-repair system. Nature Reviews Molecular Cell Biology, 2006, 7, 335-346.	37.0	1,104
52	Characterization of the "Mismatch Repairosome" and Its Role in the Processing of Modified Nucleosides In Vitro. Methods in Enzymology, 2006, 408, 285-303.	1.0	16
53	Homologous Recombination Rescues Mismatch-Repair-Dependent Cytotoxicity of SN1-Type Methylating Agents in <i>S. cerevisiae</i> . Current Biology, 2005, 15, 1395-1400.	3.9	33
54	A DNA Glycosylase from <i>Pyrobaculum aerophilum</i> with an 8-Oxoguanine Binding Mode and a Noncanonical Helix-Hairpin-Helix Structure. Structure, 2005, 13, 87-98.	3.3	33

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55	Characterization of the Mismatch Repair Defect in the Human Lymphoblastoid MT1 Cells. <i>Cancer Research</i> , 2005, 65, 4525-4529.	0.9	10
56	Expression of the MutL Homologue hMLH3 in Human Cells and its Role in DNA Mismatch Repair. <i>Cancer Research</i> , 2005, 65, 10759-10766.	0.9	105
57	Degradation of Human Exonuclease 1b upon DNA Synthesis Inhibition. <i>Cancer Research</i> , 2005, 65, 3604-3609.	0.9	56
58	High Doses of SN1 Type Methylating Agents Activate DNA Damage Signaling Cascades that are Largely Independent of Mismatch Repair. <i>Cell Cycle</i> , 2005, 4, 473-477.	2.6	40
59	Dependence of the Cytotoxicity of DNA-Damaging Agents on the Mismatch Repair Status of Human Cells. <i>Cancer Research</i> , 2004, 64, 3391-3394.	0.9	102
60	Mismatch repair-dependent G2 checkpoint induced by low doses of SN1 type methylating agents requires the ATR kinase. <i>Genes and Development</i> , 2004, 18, 1331-1344.	5.9	206
61	Pa-AGOG, the founding member of a new family of archaeal 8-oxoguanine DNA-glycosylases. <i>Nucleic Acids Research</i> , 2004, 32, 6531-6539.	14.5	25
62	Is mismatch repair really required for ionizing radiation-induced DNA damage signaling?. <i>Nature Genetics</i> , 2004, 36, 432-433.	21.4	18
63	Human RECQ5 <sup>1</sup> , a protein with DNA helicase and strand-annealing activities in a single polypeptide. <i>EMBO Journal</i> , 2004, 23, 2882-2891.	7.8	184
64	Activation of stress-responsive promoters by ionizing radiation for deployment in targeted gene therapy. <i>DNA Repair</i> , 2004, 3, 201-215.	2.8	27
65	Mismatch repair and DNA damage signalling. <i>DNA Repair</i> , 2004, 3, 1091-1101.	2.8	340
66	Unfaithful DNA Polymerase Caught in the Act. <i>Molecular Cell</i> , 2004, 13, 768-769.	9.7	1
67	Methylation-induced G2/M arrest requires a full complement of the mismatch repair protein hMLH1. <i>EMBO Journal</i> , 2003, 22, 2245-2254.	7.8	160
68	Biallelic somatic inactivation of the mismatch repair gene MLH1 in a primary skin melanoma. <i>Genes Chromosomes and Cancer</i> , 2003, 37, 165-175.	2.8	16
69	DNA repair defects in colon cancer. <i>Current Opinion in Genetics and Development</i> , 2003, 13, 61-69.	3.3	80
70	The Effect of O6-Alkylguanine-DNA Alkyltransferase and Mismatch Repair Activities on the Sensitivity of Human Melanoma Cells to Temozolomide, 1,3-bis(2-Chloroethyl)1-nitrosourea, and Cisplatin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 661-668.	2.5	77
71	Enzymology of Base Excision Repair in the Hyperthermophilic Archaeon <i>Pyrobaculum aerophilum</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 24563-24576.	3.4	25
72	The versatile thymine DNA-glycosylase: a comparative characterization of the human, <i>Drosophila</i> and fission yeast orthologs. <i>Nucleic Acids Research</i> , 2003, 31, 2261-2271.	14.5	123

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73	Multiple Colorectal Adenomas "Is Their Number Up?. New England Journal of Medicine, 2003, 348, 845-847.	27.0	29
74	Differential killing of mismatch repair-deficient and -proficient cells: towards the therapy of tumors with microsatellite instability. Cancer Research, 2003, 63, 8113-7.	0.9	7
75	Mismatch repair-dependent transcriptome changes in human cells treated with the methylating agent N-methyl-n'-nitro-N-nitrosoguanidine. Cancer Research, 2003, 63, 8158-66.	0.9	18
76	An Iron-Sulfur Cluster in the Family 4 Uracil-DNA Glycosylases. Journal of Biological Chemistry, 2002, 277, 16936-16940.	3.4	66
77	Mutations within the hMLH1 and hPMS2 Subunits of the Human MutL± Mismatch Repair Factor Affect Its ATPase Activity, but Not Its Ability to Interact with hMutS±. Journal of Biological Chemistry, 2002, 277, 21810-21820.	3.4	104
78	Endometrial and Colorectal Tumors from Patients with Hereditary Nonpolyposis Colon Cancer Display Different Patterns of Microsatellite Instability. American Journal of Pathology, 2002, 160, 1953-1958.	3.8	107
79	DNA Repair: Bioinformatics Helps Reverse Methylation Damage. Current Biology, 2002, 12, R846-R848.	3.9	8
80	Identification and functional characterization of the promoter region of the human MSH6 gene. Genes Chromosomes and Cancer, 2002, 33, 36-46.	2.8	20
81	High-Frequency Microsatellite Instability is Associated with Defective DNA Mismatch Repair in Human Melanoma. Journal of Investigative Dermatology, 2002, 118, 79-86.	0.7	30
82	An APE that proofreads. Nature, 2002, 415, 593-594.	27.8	26
83	Modification of the human thymine-DNA glycosylase by ubiquitin-like proteins facilitates enzymatic turnover. EMBO Journal, 2002, 21, 1456-1464.	7.8	263
84	A novel uracil-DNA glycosylase with broad substrate specificity and an unusual active site. EMBO Journal, 2002, 21, 3182-3191.	7.8	91
85	Functional analysis of MLH1 mutations linked to hereditary nonpolyposis colon cancer. Genes Chromosomes and Cancer, 2002, 33, 160-7.	2.8	38
86	Recent progress in the biology, chemistry and structural biology of DNA glycosylases. BioEssays, 2001, 23, 270-281.	2.5	224
87	Biochemical Characterization of Uracil Processing Activities in the Hyperthermophilic Archaeon Pyrobaculum aerophilum. Journal of Biological Chemistry, 2001, 276, 29979-29986.	3.4	48
88	hMSH3 and hMSH6 interact with PCNA and colocalize with it to replication foci. Genes and Development, 2001, 15, 724-736.	5.9	209
89	Thymine DNA glycosylase. Progress in Molecular Biology and Translational Science, 2001, 68, 235-253.	1.9	80
90	N6-Methoxyadenine-Pyrimidine Base Pairs as Substrates for the Mismatch Repair System of Escherichia coli. Collection of Czechoslovak Chemical Communications, 2001, 66, 1107-1124.	1.0	1

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91	Mediating mismatch repair. <i>Nature Genetics</i> , 2000, 24, 6-8.	21.4	61
92	Conversion of diploidy to haploidy. <i>Nature</i> , 2000, 403, 723-724.	27.8	248
93	Mismatch repair: The praying hands of fidelity. <i>Current Biology</i> , 2000, 10, R788-R790.	3.9	20
94	Mismatch Recognition and DNA-dependent Stimulation of the ATPase Activity of hMutS $\pm$ Is Abolished by a Single Mutation in the hMSH6 Subunit. <i>Journal of Biological Chemistry</i> , 2000, 275, 36550-36555.	3.4	72
95	Mutation in the Magnesium Binding Site of hMSH6 Disables the hMutS $\pm$ Sliding Clamp from Translocating along DNA. <i>Journal of Biological Chemistry</i> , 2000, 275, 2080-2086.	3.4	72
96	Separating Substrate Recognition from Base Hydrolysis in Human Thymine DNA Glycosylase by Mutational Analysis. <i>Journal of Biological Chemistry</i> , 2000, 275, 33449-33456.	3.4	115
97	Mismatch repair is required for O6-methylguanine-induced homologous recombination in human fibroblasts. <i>Carcinogenesis</i> , 2000, 21, 1639-1646.	2.8	26
98	Decreased UV sensitivity, mismatch repair activity and abnormal cell cycle checkpoints in skin cancer cell lines derived from UVB-irradiated XPA-deficient mice. <i>Mutation Research DNA Repair</i> , 2000, 459, 285-298.	3.7	16
99	Mismatch repair defects in cancer. <i>Current Opinion in Genetics and Development</i> , 2000, 10, 157-161.	3.3	241
100	Human Thymine DNA Glycosylase Binds to Apurinic Sites in DNA but Is Displaced by Human Apurinic Endonuclease 1. <i>Journal of Biological Chemistry</i> , 1999, 274, 67-74.	3.4	233
101	Effect of hMSH6 cDNA expression on the phenotype of mismatch repair-deficient colon cancer cell line HCT15. <i>Carcinogenesis</i> , 1999, 20, 373-382.	2.8	37
102	Identification of hMutL $^2$ , a Heterodimer of hMLH1 and hPMS1. <i>Journal of Biological Chemistry</i> , 1999, 274, 32368-32375.	3.4	156
103	The thymine glycosylase MBD4 can bind to the product of deamination at methylated CpG sites. <i>Nature</i> , 1999, 401, 301-304.	27.8	576
104	hMSH6 deficiency and inactivation of the alphaE-catenin invasion-suppressor gene in HCT-8 colon cancer cells. <i>Clinical and Experimental Metastasis</i> , 1999, 17, 663-668.	3.3	7
105	Missense and nonsense mutations in codon 659 of MLH1 cause aberrant splicing of messenger RNA in HNPCC kindreds. , 1999, 26, 372-375.		35
106	Expression of long-patch and short-patch DNA mismatch repair proteins in the embryonic and adult mammalian brain. <i>Molecular Brain Research</i> , 1998, 53, 317-320.	2.3	37
107	Eukaryotic mismatch repair: an update. <i>Mutation Research DNA Repair</i> , 1998, 409, 107-121.	3.7	114
108	Crystal Structure of a G:T/U Mismatch-Specific DNA Glycosylase. <i>Cell</i> , 1998, 92, 117-129.	28.9	240

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109	Increased somatic recombination in methylation tolerant human cells with defective DNA mismatch repair. <i>Journal of Molecular Biology</i> , 1998, 276, 705-719.	4.2	40
110	Specific Binding of a Designed Pyrrolidine Abasic Site Analog to Multiple DNA Glycosylases. <i>Journal of Biological Chemistry</i> , 1998, 273, 8592-8597.	3.4	93
111	Involvement of the Mismatch Repair System in Temozolomide-Induced Apoptosis. <i>Molecular Pharmacology</i> , 1998, 54, 334-341.	2.3	233
112	A Novel Mn <sup>++</sup> -Dependent Ribonuclease That Functions in U16 SnoRNA Processing in <i>X. laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 514-517.	2.1	15
113	Chromosomal Localizations and Molecular Analysis of TDG Gene-Related Sequences. <i>Genomics</i> , 1997, 44, 222-226.	2.9	14
114	K-ras and p53 mutations in hereditary non-polyposis colorectal cancers. <i>International Journal of Cancer</i> , 1997, 74, 94-96.	5.1	80
115	Molecular Cloning of the N-Terminus of GTBP. <i>Genomics</i> , 1996, 31, 395-397.	2.9	32
116	MSH6, a <i>Saccharomyces cerevisiae</i> protein that binds to mismatches as a heterodimer with MSH2. <i>Current Biology</i> , 1996, 6, 484-486.	3.9	100
117	hMutS <sup>2</sup> , a heterodimer of hMSH2 and hMSH3, binds to insertion/deletion loops in DNA. <i>Current Biology</i> , 1996, 6, 1181-1184.	3.9	334
118	A new class of uracil-DNA glycosylases related to human thymine-DNA glycosylase. <i>Nature</i> , 1996, 383, 735-738.	27.8	201
119	Cloning and Expression of Human G/T Mismatch-specific Thymine-DNA Glycosylase. <i>Journal of Biological Chemistry</i> , 1996, 271, 12767-12774.	3.4	238
120	[4] RNA-dependent RNA polymerase of hepatitis C virus. <i>Methods in Enzymology</i> , 1996, 275, 58-67.	1.0	68
121	Colon cancer and DNA repair: have mismatches met their match?. <i>Trends in Genetics</i> , 1994, 10, 164-168.	6.7	88
122	Mismatch repair and cancer. <i>Nature</i> , 1994, 367, 417-417.	27.8	67
123	Effect of uracil situated in the vicinity of a mispair on the directionality of mismatch correction in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 1991, 19, 1443-1447.	14.5	1
124	Cytosine methylation in CTF and Spl recognition sites of an HSV tk promoter: effects on transcription in vivo and on factor binding in vitro. <i>Nucleic Acids Research</i> , 1989, 17, 10179-10190.	14.5	81
125	Modified SV40 for analysis of mismatch repair in simian and human cells. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1989, 220, 115-123.	2.9	8
126	In vitro correction of G o T mispairs to G o C pairs in nuclear extracts from human cells. <i>Nature</i> , 1989, 339, 234-236.	27.8	211

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127	Mismatch-containing oligonucleotide duplexes bound by the E. coli mutS-encoded protein. <i>Nucleic Acids Research</i> , 1988, 16, 7843-7853.	14.5	90
128	Different base/base mispairs are corrected with different efficiencies and specificities in monkey kidney cells. <i>Cell</i> , 1988, 54, 705-711.	28.9	241
129	Methylation of single CpG dinucleotides within a promoter element of the Herpes simplex virus tk gene reduces its transcription in vivo. <i>Gene</i> , 1988, 65, 219-227.	2.2	56
130	Effect of cytosine methylation on the cleavage of oligonucleotide duplexes with restriction endonucleases HpaII and MspI. <i>Nucleic Acids Research</i> , 1988, 16, 4160-4160.	14.5	16
131	d(GATC) sequences influence Escherichia coli mismatch repair in a distance-dependent manner from positions both upstream and downstream of the mismatch. <i>Nucleic Acids Research</i> , 1988, 16, 4875-4890.	14.5	50
132	Facile Synthesis of Base-Labile 2'-Deoxyribonucleosides: An Improved Synthesis of 2'-Deoxy-5-aza-Cytidine. <i>Nucleosides &amp; Nucleotides</i> , 1987, 6, 393-394.	0.5	0
133	A specific mismatch repair event protects mammalian cells from loss of 5-methylcytosine. <i>Cell</i> , 1987, 50, 945-950.	28.9	200
134	An improved synthesis of 2'-deoxy-5-azacytidine by condensation of an 9-fluorenylmethoxycarbonyl-protected sugar onto the silylated base. <i>Journal of Organic Chemistry</i> , 1986, 51, 3211-3213.	3.2	17
135	Oligonucleotide duplexes containing inosine, 7-deazainosine, tubercidin, nebularine and 7-deazanebularine as substrates for restriction endonucleases HindII, Sall and TaqI. <i>Nucleic Acids Research</i> , 1986, 14, 6579-6590.	14.5	47
136	Guanine and adenine analogues as tools in the investigation of the mechanisms of mismatch repair in E. coli. <i>Nucleic Acids Research</i> , 1986, 14, 6591-6602.	14.5	18
137	Restriction endonucleases HindII and TaqI cleave DNA with mismatched nucleotides within their recognition sequences. <i>Nucleic Acids Research</i> , 1986, 14, 1943-1949.	14.5	21
138	An enhancer-like sequence within the Xenopus U2 gene promoter facilitates the formation of stable transcription complexes. <i>Nature</i> , 1985, 316, 163-167.	27.8	280
139	The benzoylation of uracil and thymine. <i>Tetrahedron Letters</i> , 1984, 25, 681-684.	1.4	141
140	The thermal decomposition of polyurethanes and polyisocyanurates. <i>Fire and Materials</i> , 1981, 5, 133-141.	2.0	48
141	The Thermal Decomposition of Isocyanurates. <i>British Polymer Journal</i> , 1980, 12, 81-84.	0.7	8
142	<sup>31</sup> P chemical shifts in N-aryliminotriphenylphosphoranes. <i>Magnetic Resonance in Chemistry</i> , 1980, 13, 306-307.	0.7	9
143	Some cobalt(II) complexes of iminophosphoranes. <i>Journal of Inorganic and Nuclear Chemistry</i> , 1979, 41, 667-671.	0.5	6
144	The Thermal Decomposition of some Dialkyl Dicarbonylates. <i>British Polymer Journal</i> , 1978, 10, 209-212.	0.7	4