

# Peter M Glazer

## List of Publications by Year in descending order

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191  
papers

12,133  
citations

20817

60  
h-index

30922

102  
g-index

195  
all docs

195  
docs citations

195  
times ranked

13054  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA silencing for cancer therapy targeted to the tumour microenvironment. <i>Nature</i> , 2015, 518, 107-110.	27.8	709
2	2-Hydroxyglutarate produced by neomorphic IDH mutations suppresses homologous recombination and induces PARP inhibitor sensitivity. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	420
3	MicroRNA Regulation of DNA Repair Gene Expression in Hypoxic Stress. <i>Cancer Research</i> , 2009, 69, 1221-1229.	0.9	402
4	Down-Regulation of Rad51 and Decreased Homologous Recombination in Hypoxic Cancer Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 8504-8518.	2.3	341
5	Hypoxia-Induced Down-regulation of BRCA1 Expression by E2Fs. <i>Cancer Research</i> , 2005, 65, 11597-11604.	0.9	313
6	Outcome of conservatively managed early-onset breast cancer by BRCA1/2 status. <i>Lancet, The</i> , 2002, 359, 1471-1477.	13.7	290
7	Chronic Hypoxia Decreases Synthesis of Homologous Recombination Proteins to Offset Chemoresistance and Radioresistance. <i>Cancer Research</i> , 2008, 68, 605-614.	0.9	286
8	MicroRNA-210 Regulates Mitochondrial Free Radical Response to Hypoxia and Krebs Cycle in Cancer Cells by Targeting Iron Sulfur Cluster Protein ISCU. <i>PLoS ONE</i> , 2010, 5, e10345.	2.5	276
9	Decreased Expression of the DNA Mismatch Repair Gene Mlh1 under Hypoxic Stress in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2003, 23, 3265-3273.	2.3	255
10	Specific Mutations Induced by Triplex-Forming Oligonucleotides in Mice. <i>Science</i> , 2000, 290, 530-533.	12.6	252
11	Inhibition of poly(ADP-ribose) polymerase down-regulates BRCA1 and RAD51 in a pathway mediated by E2F4 and p130. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2201-2206.	7.1	193
12	Regulation of DNA repair in hypoxic cancer cells. <i>Cancer and Metastasis Reviews</i> , 2007, 26, 249-260.	5.9	191
13	Oncometabolites suppress DNA repair by disrupting local chromatin signalling. <i>Nature</i> , 2020, 582, 586-591.	27.8	183
14	Hypoxia down-regulates DNA double strand break repair gene expression in prostate cancer cells. <i>Radiotherapy and Oncology</i> , 2005, 76, 168-176.	0.6	172
15	Molecular and Cellular Pharmacology of the Hypoxia-Activated Prodrug TH-302. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 740-751.	4.1	166
16	Targeted gene knockout mediated by triple helix forming oligonucleotides. <i>Nature Genetics</i> , 1998, 20, 212-214.	21.4	163
17	Hypoxic Tumor Microenvironment and Cancer Cell Differentiation. <i>Current Molecular Medicine</i> , 2009, 9, 425-434.	1.3	153
18	Krebs-cycle-deficient hereditary cancer syndromes are defined by defects in homologous-recombination DNA repair. <i>Nature Genetics</i> , 2018, 50, 1086-1092.	21.4	152

#	ARTICLE	IF	CITATIONS
19	Genetic instability and the tumor microenvironment: towards the concept of microenvironment-induced mutagenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 569, 75-85.	1.0	146
20	In vivo correction of anaemia in $\beta^2$ -thalassemic mice by $\beta^3$ PNA-mediated gene editing with nanoparticle delivery. <i>Nature Communications</i> , 2016, 7, 13304.	12.8	143
21	The potential for gene repair via triple helix formation. <i>Journal of Clinical Investigation</i> , 2003, 112, 487-494.	8.2	135
22	Triplex-forming oligonucleotides: principles and applications. <i>Quarterly Reviews of Biophysics</i> , 2002, 35, 89-107.	5.7	131
23	Triple-Helix Formation Induces Recombination in Mammalian Cells via a Nucleotide Excision Repair-Dependent Pathway. <i>Molecular and Cellular Biology</i> , 2000, 20, 990-1000.	2.3	130
24	Hypoxia-induced genetic instability—a calculated mechanism underlying tumor progression. <i>Journal of Molecular Medicine</i> , 2007, 85, 139-148.	3.9	128
25	Interplay between DNA repair and inflammation, and the link to cancer. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2014, 49, 116-139.	5.2	128
26	In utero nanoparticle delivery for site-specific genome editing. <i>Nature Communications</i> , 2018, 9, 2481.	12.8	124
27	Multifaceted control of DNA repair pathways by the hypoxic tumor microenvironment. <i>DNA Repair</i> , 2015, 32, 180-189.	2.8	122
28	<i>BRCA1/BRCA2</i> Germline Mutations in Locally Recurrent Breast Cancer Patients After Lumpectomy and Radiation Therapy: Implications for Breast-Conserving Management in Patients With <i>BRCA1/BRCA2</i> Mutations. <i>Journal of Clinical Oncology</i> , 1999, 17, 3017-3024.	1.6	119
29	Hypoxia-Induced Epigenetic Regulation and Silencing of the <i>BRCA1</i> Promoter. <i>Molecular and Cellular Biology</i> , 2011, 31, 3339-3350.	2.3	118
30	Nanoparticles that deliver triplex-forming peptide nucleic acid molecules correct F508del CFTR in airway epithelium. <i>Nature Communications</i> , 2015, 6, 6952.	12.8	114
31	Site-directed recombination via bifunctional PNA-DNA conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 16695-16700.	7.1	113
32	Human XPA and RPA DNA repair proteins participate in specific recognition of triplex-induced helical distortions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5848-5853.	7.1	112
33	HDAC6 Deacetylates and Ubiquitinates MSH2 to Maintain Proper Levels of MutS±. <i>Molecular Cell</i> , 2014, 55, 31-46.	9.7	112
34	Cediranib suppresses homology-directed DNA repair through down-regulation of <i>BRCA1/2</i> and <i>RAD51</i> . <i>Science Translational Medicine</i> , 2019, 11, .	12.4	111
35	Inhibition of hypoxia-induced miR-155 radiosensitizes hypoxic lung cancer cells. <i>Cancer Biology and Therapy</i> , 2011, 12, 908-914.	3.4	108
36	Chromosomal mutations induced by triplex-forming oligonucleotides in mammalian cells. <i>Nucleic Acids Research</i> , 1999, 27, 1176-1181.	14.5	107

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37	Mutagenesis induced by the tumor microenvironment. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 400, 439-446.	1.0	102
38	Targeted Correction of an Episomal Gene in Mammalian Cells by a Short DNA Fragment Tethered to a Triplex-forming Oligonucleotide. <i>Journal of Biological Chemistry</i> , 1999, 274, 11541-11548.	3.4	101
39	Suppressing miR-21 activity in tumor-associated macrophages promotes an antitumor immune response. <i>Journal of Clinical Investigation</i> , 2019, 129, 5518-5536.	8.2	92
40	Triplex-induced Recombination in Human Cell-free Extracts. <i>Journal of Biological Chemistry</i> , 2001, 276, 18018-18023.	3.4	91
41	Co-repression of mismatch repair gene expression by hypoxia in cancer cells: Role of the Myc/Max network. <i>Cancer Letters</i> , 2007, 252, 93-103.	7.2	90
42	The hypoxic tumor microenvironment in vivo selects the cancer stem cell fate of breast cancer cells. <i>Breast Cancer Research</i> , 2018, 20, 16.	5.0	88
43	Mitochondrial DNA stress signalling protects the nuclear genome. <i>Nature Metabolism</i> , 2019, 1, 1209-1218.	11.9	87
44	Nanoparticles Deliver Triplex-forming PNAs for Site-specific Genomic Recombination in CD34+ Human Hematopoietic Progenitors. <i>Molecular Therapy</i> , 2011, 19, 172-180.	8.2	86
45	Hypoxia-Induced Phosphorylation of Chk2 in an Ataxia Telangiectasia Mutated-Dependent Manner. <i>Cancer Research</i> , 2005, 65, 10734-10741.	0.9	85
46	The NIH Somatic Cell Genome Editing program. <i>Nature</i> , 2021, 592, 195-204.	27.8	84
47	Correction of a splice-site mutation in the beta-globin gene stimulated by triplex-forming peptide nucleic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13514-13519.	7.1	83
48	microRNAs in Cancer Cell Response to Ionizing Radiation. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 293-312.	5.4	83
49	Cell-interdependent cisplatin killing by Ku/DNA-dependent protein kinase signaling transduced through gap junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6134-6139.	7.1	80
50	Mcp1 Promotes Macrophage-Dependent Cyst Expansion in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2471-2481.	6.1	78
51	Targeting Cancer with a Lupus Autoantibody. <i>Science Translational Medicine</i> , 2012, 4, 157ra142.	12.4	76
52	Chromosome Targeting at Short Polypurine Sites by Cationic Triplex-forming Oligonucleotides. <i>Journal of Biological Chemistry</i> , 2001, 276, 38536-38541.	3.4	75
53	Emerging Roles of microRNAs in the Molecular Responses to Hypoxia. <i>Current Pharmaceutical Design</i> , 2009, 15, 3861-3866.	1.9	75
54	The cytotoxicity of (âˆ™)-lomaivitin A arises from induction of double-strand breaks in DNA. <i>Nature Chemistry</i> , 2014, 6, 504-510.	13.6	73

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55	Gene targeting via triple-helix formation. <i>Progress in Molecular Biology and Translational Science</i> , 2001, 67, 163-192.	1.9	71
56	Alterations in DNA Repair Gene Expression under Hypoxia: Elucidating the Mechanisms of Hypoxia-Induced Genetic Instability. <i>Annals of the New York Academy of Sciences</i> , 2005, 1059, 184-195.	3.8	69
57	Differing patterns of genetic instability in mice deficient in the mismatch repair genes Pms2, Mlh1, Msh2, Msh3 and Msh6. <i>Carcinogenesis</i> , 2006, 27, 2402-2408.	2.8	68
58	Altered Repair of Targeted Psoralen Photoadducts in the Context of an Oligonucleotide-mediated Triple Helix. <i>Journal of Biological Chemistry</i> , 1995, 270, 22595-22601.	3.4	65
59	Therapeutic Peptide Nucleic Acids: Principles, Limitations, and Opportunities. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 583-598.	0.2	65
60	Repair of DNA lesions associated with triplex-forming oligonucleotides. <i>Molecular Carcinogenesis</i> , 2009, 48, 389-399.	2.7	63
61	Anti-tumor Activity of miniPEG- $\hat{3}$ -Modified PNAs to Inhibit MicroRNA-210 for Cancer Therapy. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 9, 111-119.	5.1	61
62	Site-specific targeting of psoralen photoadducts with a triple helix-forming oligonucleotide: characterization of psoralen monoadduct and crosslink formation. <i>Nucleic Acids Research</i> , 1994, 22, 2845-2852.	14.5	60
63	Silencing of the DNA Mismatch Repair Gene MLH1 Induced by Hypoxic Stress in a Pathway Dependent on the Histone Demethylase LSD1. <i>Cell Reports</i> , 2014, 8, 501-513.	6.4	60
64	Hypoxia Promotes Resistance to EGFR Inhibition in NSCLC Cells via the Histone Demethylases, LSD1 and PLU-1. <i>Molecular Cancer Research</i> , 2018, 16, 1458-1469.	3.4	60
65	Peptide Nucleic Acids as a Tool for Site-Specific Gene Editing. <i>Molecules</i> , 2018, 23, 632.	3.8	57
66	Repair and recombination induced by triple helix DNA. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 4288.	3.0	56
67	Nanotechnology for delivery of peptide nucleic acids (PNAs). <i>Journal of Controlled Release</i> , 2016, 240, 302-311.	9.9	55
68	Triplex Formation by Oligonucleotides Containing 5-(1-Propynyl)- $\hat{2}$ -deoxyuridine: Decreased Magnesium Dependence and Improved Intracellular Gene Targeting. <i>Biochemistry</i> , 1999, 38, 1893-1901.	2.5	54
69	Triplex-Forming Oligonucleotides as Potential Tools for Modulation of Gene Expression. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2005, 5, 319-326.	7.0	54
70	Targeted Disruption of the CCR5 Gene in Human Hematopoietic Stem Cells Stimulated by Peptide Nucleic Acids. <i>Chemistry and Biology</i> , 2011, 18, 1189-1198.	6.0	54
71	Hypoxia Induces Resistance to EGFR Inhibitors in Lung Cancer Cells via Upregulation of FGFR1 and the MAPK Pathway. <i>Cancer Research</i> , 2020, 80, 4655-4667.	0.9	52
72	High efficiency, restriction-deficient in vitro packaging extracts for bacteriophage lambda DNA using a new <i>E.coli</i> lysogen. <i>Nucleic Acids Research</i> , 1993, 21, 3903-3904.	14.5	50

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73	Targeted correction of a thalassemia-associated $\hat{\text{A}}$ -globin mutation induced by pseudo-complementary peptide nucleic acids. <i>Nucleic Acids Research</i> , 2009, 37, 3635-3644.	14.5	50
74	Molecular markers in clinical radiation oncology. <i>Oncogene</i> , 2003, 22, 5915-5925.	5.9	48
75	Impact of hypoxia on DNA repair and genome integrity. <i>Mutagenesis</i> , 2020, 35, 61-68.	2.6	47
76	The Tumor Microenvironment and DNA Repair. <i>Seminars in Radiation Oncology</i> , 2010, 20, 282-287.	2.2	46
77	Functional and physical interaction between the mismatch repair and FA-BRCA pathways. <i>Human Molecular Genetics</i> , 2011, 20, 4395-4410.	2.9	46
78	Hypoxia-induced protein CAIX is associated with somatic loss of BRCA1 protein and pathway activity in triple negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 136, 67-75.	2.5	46
79	Targeted Gene Modification of Hematopoietic Progenitor Cells in Mice Following Systemic Administration of a PNA-peptide Conjugate. <i>Molecular Therapy</i> , 2012, 20, 109-118.	8.2	44
80	Peptide Nucleic Acids and Gene Editing: Perspectives on Structure and Repair. <i>Molecules</i> , 2020, 25, 735.	3.8	44
81	Optimizing biodegradable nanoparticle size for tissue-specific delivery. <i>Journal of Controlled Release</i> , 2019, 314, 92-101.	9.9	43
82	Peptide conjugates for chromosomal gene targeting by triplex-forming oligonucleotides. <i>Nucleic Acids Research</i> , 2004, 32, 6595-6604.	14.5	42
83	IGF1 Receptor Expression Protects against Microenvironmental Stress Found in the Solid Tumor. <i>Radiation Research</i> , 2002, 158, 174-180.	1.5	41
84	Targeted Genome Modification via Triple Helix Formation. <i>Annals of the New York Academy of Sciences</i> , 2005, 1058, 151-161.	3.8	41
85	DNA-dependent targeting of cell nuclei by a lupus autoantibody. <i>Scientific Reports</i> , 2015, 5, 12022.	3.3	41
86	Single-Stranded PNA for In Vivo Site-Specific Genome Editing via Watson-Crick Recognition. <i>Current Gene Therapy</i> , 2014, 14, 331-342.	2.0	41
87	Site-Specific Gene Modification by PNAs Conjugated to Psoralen. <i>Biochemistry</i> , 2006, 45, 314-323.	2.5	40
88	Repair of DNA interstrand cross-links: Interactions between homology-dependent and homology-independent pathways. <i>DNA Repair</i> , 2006, 5, 566-574.	2.8	40
89	Site-directed gene mutation at mixed sequence targets by psoralen-conjugated pseudo-complementary peptide nucleic acids. <i>Nucleic Acids Research</i> , 2007, 35, 7604-7613.	14.5	40
90	Mutagenesis in PMS2- and MSH2-deficient mice indicates differential protection from transversions and frameshifts. <i>Carcinogenesis</i> , 2000, 21, 1291-1296.	2.8	39

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91	Triplex-induced recombination and repair in the pyrimidine motif. <i>Nucleic Acids Research</i> , 2005, 33, 3492-3502.	14.5	39
92	Hypoxic Stress Facilitates Acute Activation and Chronic Downregulation of Fanconi Anemia Proteins. <i>Molecular Cancer Research</i> , 2014, 12, 1016-1028.	3.4	39
93	Overexpression of the DNA mismatch repair factor, PMS2, confers hypermutability and DNA damage tolerance. <i>Cancer Letters</i> , 2006, 244, 195-202.	7.2	37
94	Triplex-Stimulated Intermolecular Recombination at a Single-Copy Genomic Target. <i>Molecular Therapy</i> , 2006, 14, 392-400.	8.2	37
95	Emergence of rationally designed therapeutic strategies for breast cancer targeting DNA repair mechanisms. <i>Breast Cancer Research</i> , 2010, 12, 203.	5.0	37
96	Site-specific Genome Editing in PBMCs With PLGA Nanoparticle-delivered PNAs Confers HIV-1 Resistance in Humanized Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e135.	5.1	37
97	Modified Poly(lactic acid-glycolic Acid) Nanoparticles for Enhanced Cellular Uptake and Gene Editing in the Lung. <i>Advanced Healthcare Materials</i> , 2015, 4, 361-366.	7.6	37
98	Nickel induces transcriptional down-regulation of DNA repair pathways in tumorigenic and non-tumorigenic lung cells. <i>Carcinogenesis</i> , 2017, 38, 627-637.	2.8	37
99	Targeted Cross-linking of the Human $\beta$ -Globin Gene in Living Cells Mediated by a Triple Helix Forming Oligonucleotide. <i>Biochemistry</i> , 2006, 45, 1970-1978.	2.5	36
100	Induction of p53 in mouse cells decreases mutagenesis by UV radiation. <i>Carcinogenesis</i> , 1995, 16, 2295-2300.	2.8	35
101	Gene Therapy for Autosomal Dominant Disorders of Keratin. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2005, 10, 47-61.	0.8	34
102	Src-Induced Cisplatin Resistance Mediated by Cell-to-Cell Communication. <i>Cancer Research</i> , 2009, 69, 3619-3624.	0.9	34
103	Potential of Temozolomide Cytotoxicity by Inhibition of DNA Polymerase $\delta$ Is Accentuated by BRCA2 Mutation. <i>Cancer Research</i> , 2010, 70, 409-417.	0.9	34
104	Frequent spontaneous deletions at a shuttle vector locus in transgenic mice. <i>Mutagenesis</i> , 1996, 11, 49-56.	2.6	33
105	miR-155 Overexpression Promotes Genomic Instability by Reducing High-fidelity Polymerase Delta Expression and Activating Error-Prone DSB Repair. <i>Molecular Cancer Research</i> , 2016, 14, 363-373.	3.4	33
106	Targeting the Hypoxic and Acidic Tumor Microenvironment with pH-Sensitive Peptides. <i>Cells</i> , 2021, 10, 541.	4.1	33
107	Mutant p53 protein overexpression in women with ipsilateral breast tumor recurrence following lumpectomy and radiation therapy. <i>Journal of Clinical Oncology</i> , 2000, 88, 1091-1098.		32
108	Cyclin D1 expression and early breast cancer recurrence following lumpectomy and radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 47, 1169-1176.	0.8	32

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109	Basal repression of BRCA1 by multiple E2Fs and pocket proteins at adjacent E2F sites. <i>Cancer Biology and Therapy</i> , 2006, 5, 1400-1407.	3.4	32
110	Distance and Affinity Dependence of Triplex-Induced Recombination. <i>Biochemistry</i> , 2005, 44, 3856-3864.	2.5	31
111	Nanoparticle for delivery of antisense $\beta$ PNA oligomers targeting CCR5. <i>Artificial DNA, PNA &amp; XNA</i> , 2013, 4, 49-57.	1.4	31
112	Prognostic significance of cyclin D1 protein levels in early-stage larynx cancer treated with primary radiation. , 2000, 90, 22-28.		30
113	Transcription Dependence of Chromosomal Gene Targeting by Triplex-forming Oligonucleotides. <i>Journal of Biological Chemistry</i> , 2003, 278, 3357-3362.	3.4	30
114	Activation of human $\beta$ -globin gene expression via triplex-forming oligonucleotide (TFO)-directed mutations in the $\beta$ -globin gene 5' flanking region. <i>Gene</i> , 2000, 242, 219-228.	2.2	29
115	CHK2-Dependent Phosphorylation of BRCA1 in Hypoxia. <i>Radiation Research</i> , 2006, 166, 646-651.	1.5	27
116	Other transgenic mutation assays: Tissue specificity of spontaneous point mutations in $\beta$ transgenic mice. , 1996, 28, 459-464.		25
117	Clinical Efficacy of Olaparib in IDH1/IDH2-Mutant Mesenchymal Sarcomas. <i>JCO Precision Oncology</i> , 2021, 5, 466-472.	3.0	24
118	Triplex-Mediated Gene Modification. <i>Methods in Molecular Biology</i> , 2008, 435, 175-190.	0.9	23
119	Frequent T:A>G:C transversions in X-irradiated mouse cells. <i>Carcinogenesis</i> , 1995, 16, 83-88.	2.8	22
120	DNA Polymerase Beta Germline Variant Confers Cellular Response to Cisplatin Therapy. <i>Molecular Cancer Research</i> , 2017, 15, 269-280.	3.4	22
121	Suppression of homology-dependent DNA double-strand break repair induces PARP inhibitor sensitivity in VHL-deficient human renal cell carcinoma. <i>Oncotarget</i> , 2018, 9, 4647-4660.	1.8	22
122	Lambda phage shuttle vectors for analysis of mutations in mammalian cells in culture and in transgenic mice. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1989, 220, 263-268.	2.9	21
123	Mutagenesis Mediated by Triple Helix-Forming Oligonucleotides Conjugated to Psoralen: Effects of Linker Arm Length and Sequence Context. <i>Photochemistry and Photobiology</i> , 1998, 67, 289-294.	2.5	21
124	Synthetic lethality of a cell-penetrating anti-RAD51 antibody in PTEN-deficient melanoma and glioma cells. <i>Oncotarget</i> , 2019, 10, 1272-1283.	1.8	21
125	Triplex-Mediated, in vitro Targeting of Psoralen Photoadducts within the Genome of a Transgenic Mouse. <i>Photochemistry and Photobiology</i> , 1996, 63, 207-212.	2.5	20
126	Targeted Genome Modification via Triple Helix Formation. <i>Methods in Molecular Biology</i> , 2014, 1176, 89-106.	0.9	20



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127	PTEN Regulates Nonhomologous End Joining By Epigenetic Induction of NHEJ1/XLF. <i>Molecular Cancer Research</i> , 2018, 16, 1241-1254.	3.4	20
128	Targeted Gene Modification Using Triplex-Forming Oligonucleotides. , 2004, 262, 173-194.		19
129	A cell-penetrating antibody inhibits human RAD51 via direct binding. <i>Nucleic Acids Research</i> , 2017, 45, 11782-11799.	14.5	19
130	Hypoxia and DNA repair. <i>Yale Journal of Biology and Medicine</i> , 2013, 86, 443-51.	0.2	19
131	Genomic Instability in Cancer. <i>Novartis Foundation Symposium</i> , 2008, 240, 133-151.	1.1	18
132	YU238259 Is a Novel Inhibitor of Homology-Dependent DNA Repair That Exhibits Synthetic Lethality and Radiosensitization in Repair-Deficient Tumors. <i>Molecular Cancer Research</i> , 2015, 13, 1389-1397.	3.4	18
133	Ku80-Targeted pH-Sensitive Peptide-PNA Conjugates Are Tumor Selective and Sensitize Cancer Cells to Ionizing Radiation. <i>Molecular Cancer Research</i> , 2020, 18, 873-882.	3.4	18
134	Reduced Level of Ribonucleotide Reductase R2 Subunits Increases Dependence on Homologous Recombination Repair of Cisplatin-Induced DNA Damage. <i>Molecular Pharmacology</i> , 2011, 80, 1000-1012.	2.3	17
135	Mechanism of Action Studies of Lomaiviticin A and the Monomeric Lomaiviticin Aglycon. Selective and Potent Activity Toward DNA Double-Strand Break Repair-Deficient Cell Lines. <i>Journal of the American Chemical Society</i> , 2015, 137, 5741-5747.	13.7	17
136	LKB1 preserves genome integrity by stimulating BRCA1 expression. <i>Nucleic Acids Research</i> , 2015, 43, 259-271.	14.5	17
137	Peptide nucleic acids and their role in gene regulation and editing. <i>Biopolymers</i> , 2021, 112, e23460.	2.4	17
138	Tumor-selective, antigen-independent delivery of a pH sensitive peptide-topoisomerase inhibitor conjugate suppresses tumor growth without systemic toxicity. <i>NAR Cancer</i> , 2021, 3, zcab021.	3.1	16
139	Development of a statewide hospital plan for radiologic emergencies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 16.e1-16.e15.	0.8	15
140	Polymer delivery systems for site-specific genome editing. <i>Journal of Controlled Release</i> , 2011, 155, 312-316.	9.9	15
141	Triplex-forming Peptide Nucleic Acids Induce Heritable Elevations in Gamma-globin Expression in Hematopoietic Progenitor Cells. <i>Molecular Therapy</i> , 2013, 21, 580-587.	8.2	15
142	Tumor-Targeted, Cytoplasmic Delivery of Large, Polar Molecules Using a pH-Low Insertion Peptide. <i>Molecular Pharmaceutics</i> , 2020, 17, 461-471.	4.6	15
143	Nanoparticles for delivery of agents to fetal lungs. <i>Acta Biomaterialia</i> , 2021, 123, 346-353.	8.3	15
144	Electron-Mediated Aminyl and Iminyl Radicals from C5 Azido-Modified Pyrimidine Nucleosides Augment Radiation Damage to Cancer Cells. <i>Organic Letters</i> , 2018, 20, 7400-7404.	4.6	14

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145	Directed Gene Modification via Triple Helix Formation. <i>Current Molecular Medicine</i> , 2001, 1, 391-399.	1.3	14
146	Preclinical evaluation of Laromustine for use in combination with radiation therapy in the treatment of solid tumors. <i>International Journal of Radiation Biology</i> , 2012, 88, 277-285.	1.8	13
147	Tumor-targeted pH-low insertion peptide delivery of theranostic gadolinium nanoparticles for image-guided nanoparticle-enhanced radiation therapy. <i>Translational Oncology</i> , 2020, 13, 100839.	3.7	13
148	BBIT20 inhibits homologous DNA repair with disruption of the BRCA1-BARD1 interaction in breast and ovarian cancer. <i>British Journal of Pharmacology</i> , 2021, 178, 3627-3647.	5.4	13
149	Pathologic Oxidation of PTPN12 Underlies ABL1 Phosphorylation in Hereditary Leiomyomatosis and Renal Cell Carcinoma. <i>Cancer Research</i> , 2018, 78, 6539-6548.	0.9	12
150	Debugging the genetic code: Non-viral in vivo delivery of therapeutic genome editing technologies. <i>Current Opinion in Biomedical Engineering</i> , 2018, 7, 24-32.	3.4	12
151	Cooperation between oncogenic Ras and wild-type p53 stimulates STAT non-cell autonomously to promote tumor radioresistance. <i>Communications Biology</i> , 2021, 4, 374.	4.4	11
152	Vulnerability of IDH1-Mutant Cancers to Histone Deacetylase Inhibition via Orthogonal Suppression of DNA Repair. <i>Molecular Cancer Research</i> , 2021, 19, 2057-2067.	3.4	10
153	Poly(Lactic-co-Glycolic Acid) Nanoparticle Delivery of Peptide Nucleic Acids In Vivo. <i>Methods in Molecular Biology</i> , 2020, 2105, 261-281.	0.9	10
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