

Shankar Balasubramanian

List of Publications by Year in descending order

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Version: 2024-02-01

281
papers

43,596
citations

3264

94
h-index

2823

197
g-index

312
all docs

312
docs citations

312
times ranked

43120
citing authors

#	ARTICLE	IF	CITATIONS
1	G-quadruplex DNA structures in human stem cells and differentiation. <i>Nature Communications</i> , 2022, 13, 142.	5.8	44
2	Early detection of cancer. <i>Science</i> , 2022, 375, eaay9040.	6.0	291
3	TET2 is a component of the estrogen receptor complex and controls 5mC to 5hmC conversion at estrogen receptor cis-regulatory regions. <i>Cell Reports</i> , 2021, 34, 108776.	2.9	20
4	G-quadruplexes are transcription factor binding hubs in human chromatin. <i>Genome Biology</i> , 2021, 22, 117.	3.8	130
5	Promoter G-quadruplex folding precedes transcription and is controlled by chromatin. <i>Genome Biology</i> , 2021, 22, 143.	3.8	56
6	Chemical profiling of DNA G-quadruplex-interacting proteins in live cells. <i>Nature Chemistry</i> , 2021, 13, 626-633.	6.6	82
7	Reduced Bisulfite Sequencing: Quantitative Base-Resolution Sequencing of 5-Formylcytosine. <i>Methods in Molecular Biology</i> , 2021, 2272, 3-12.	0.4	2
8	RNA G-quadruplex structures control ribosomal protein production. <i>Scientific Reports</i> , 2021, 11, 22735.	1.6	19
9	Single-cell mapping of DNA G-quadruplex structures in human cancer cells. <i>Scientific Reports</i> , 2021, 11, 23641.	1.6	26
10	A Spontaneous Ring-Opening Reaction Leads to a Repair-Resistant Thymine Oxidation Product in Genomic DNA. <i>ChemBioChem</i> , 2020, 21, 320-323.	1.3	0
11	The Structure and Function of DNA G-Quadruplexes. <i>Trends in Chemistry</i> , 2020, 2, 123-136.	4.4	499
12	Single-molecule visualization of DNA G-quadruplex formation in live cells. <i>Nature Chemistry</i> , 2020, 12, 832-837.	6.6	235
13	Landscape of G-quadruplex DNA structural regions in breast cancer. <i>Nature Genetics</i> , 2020, 52, 878-883.	9.4	122
14	Activation-induced cytidine deaminase localizes to G-quadruplex motifs at mutation hotspots in lymphoma. <i>NAR Cancer</i> , 2020, 2, zcaa029.	1.6	14
15	Selective Chemical Functionalization at N6-Methyladenosine Residues in DNA Enabled by Visible-Light-Mediated Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 21484-21492.	6.6	24
16	Genome-wide DNA Methylation Signatures Are Determined by DNMT3A/B Sequence Preferences. <i>Biochemistry</i> , 2020, 59, 2541-2550.	1.2	16
17	Natural, modified DNA bases. <i>Current Opinion in Chemical Biology</i> , 2020, 57, 1-7.	2.8	28
18	Affinity-Selected Bicyclic Peptide G-Quadruplex Ligands Mimic a Protein-like Binding Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 8367-8373.	6.6	20

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19	The regulation and functions of DNA and RNA G-quadruplexes. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 459-474.	16.1	707
20	Unusual Activity of a <i>Chlamydomonas</i> TET/JPB Family Enzyme. <i>Biochemistry</i> , 2019, 58, 3627-3629.	1.2	4
21	An Activatable Cancer-Targeted Hydrogen Peroxide Probe for Photoacoustic and Fluorescence Imaging. <i>Cancer Research</i> , 2019, 79, 5407-5417.	0.4	31
22	Sequencing abasic sites in DNA at single-nucleotide resolution. <i>Nature Chemistry</i> , 2019, 11, 629-637.	6.6	52
23	METTL1 Promotes let-7 MicroRNA Processing via m7G Methylation. <i>Molecular Cell</i> , 2019, 74, 1278-1290.e9.	4.5	288
24	Detection, Structure and Function of Modified DNA Bases. <i>Journal of the American Chemical Society</i> , 2019, 141, 6420-6429.	6.6	55
25	Whole genome experimental maps of DNA G-quadruplexes in multiple species. <i>Nucleic Acids Research</i> , 2019, 47, 3862-3874.	6.5	280
26	Charting a course for chemistry. <i>Nature Chemistry</i> , 2019, 11, 286-294.	6.6	18
27	A Photoresponsive Small Molecule Approach for the Optoepigenetic Modulation of DNA Methylation. <i>Angewandte Chemie</i> , 2019, 131, 6692-6696.	1.6	6
28	A Photoresponsive Small Molecule Approach for the Optoepigenetic Modulation of DNA Methylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6620-6624.	7.2	13
29	Structure of a (3+1) hybrid G-quadruplex in the <i>PARP1</i> promoter. <i>Nucleic Acids Research</i> , 2019, 47, 1564-1572.	6.5	43
30	Genetic interactions of G-quadruplexes in humans. <i>ELife</i> , 2019, 8, .	2.8	91
31	Genome-wide mapping of endogenous G-quadruplex DNA structures by chromatin immunoprecipitation and high-throughput sequencing. <i>Nature Protocols</i> , 2018, 13, 551-564.	5.5	214
32	Targeting Multiple Effector Pathways in Pancreatic Ductal Adenocarcinoma with a G-Quadruplex-Binding Small Molecule. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2500-2517.	2.9	114
33	RNA G-quadruplexes at upstream open reading frames cause DHX36- and DHX9-dependent translation of human mRNAs. <i>Genome Biology</i> , 2018, 19, 229.	3.8	112
34	Analysis of NRAS RNA G-quadruplex binding proteins reveals DDX3X as a novel interactor of cellular G-quadruplex containing transcripts. <i>Nucleic Acids Research</i> , 2018, 46, 11592-11604.	6.5	106
35	DNA G-quadruplex structures mold the DNA methylome. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 951-957.	3.6	185
36	5-Formylcytosine organizes nucleosomes and forms Schiff base interactions with histones in mouse embryonic stem cells. <i>Nature Chemistry</i> , 2018, 10, 1258-1266.	6.6	88

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37	Detecting RNA G-Quadruplexes (rG4s) in the Transcriptome. Cold Spring Harbor Perspectives in Biology, 2018, 10, a032284.	2.3	95
38	Sequencing 5â€Hydroxymethyluracil at Singleâ€Base Resolution. Angewandte Chemie, 2018, 130, 9842-9844.	1.6	3
39	NOTCH-mediated non-cell autonomous regulation of chromatin structure during senescence. Nature Communications, 2018, 9, 1840.	5.8	57
40	Sequencing 5â€Hydroxymethyluracil at Singleâ€Base Resolution. Angewandte Chemie - International Edition, 2018, 57, 9694-9696.	7.2	18
41	Structural basis of G-quadruplex unfolding by the DEAH/RHA helicase DHX36. Nature, 2018, 558, 465-469.	13.7	224
42	Selective inhibitors of trypanosomal uridylyl transferase RET1 establish druggability of RNA post-transcriptional modifications. RNA Biology, 2017, 14, 611-619.	1.5	5
43	G-quadruplex structures within the 3â€ UTR of LINE-1 elements stimulate retrotransposition. Nature Structural and Molecular Biology, 2017, 24, 243-247.	3.6	58
44	2â€-O-Methyl-5-hydroxymethylcytidine: A Second Oxidative Derivative of 5-Methylcytidine in RNA. Journal of the American Chemical Society, 2017, 139, 1766-1769.	6.6	29
45	Gender Differences in Global but Not Targeted Demethylation in iPSC Reprogramming. Cell Reports, 2017, 18, 1079-1089.	2.9	54
46	DNA G-quadruplexes in the human genome: detection, functions and therapeutic potential. Nature Reviews Molecular Cell Biology, 2017, 18, 279-284.	16.1	667
47	CX-5461 is a DNA G-quadruplex stabilizer with selective lethality in BRCA1/2 deficient tumours. Nature Communications, 2017, 8, 14432.	5.8	379
48	The Profile and Dynamics of RNA Modifications in Animals. ChemBioChem, 2017, 18, 979-984.	1.3	30
49	Synthesis and biophysical analysis of modified thymine-containing DNA oligonucleotides. Chemical Communications, 2017, 53, 1389-1392.	2.2	22
50	DNA sequencing at 40: past, present and future. Nature, 2017, 550, 345-353.	13.7	729
51	Synthesis and Multiple Incorporations of 2â€-O-Methyl-5â€hydroxymethylcytidine, 5â€Hydroxymethylcytidine and 5â€Formylcytidine Monomers into RNA Oligonucleotides. ChemBioChem, 2017, 18, 2236-2241.	1.3	16
52	Mapping and elucidating the function of modified bases in DNA. Nature Reviews Chemistry, 2017, 1, .	13.8	73
53	Base resolution maps reveal the importance of 5-hydroxymethylcytosine in a human glioblastoma. Npj Genomic Medicine, 2017, 2, 6.	1.7	22
54	Local epigenetic reprogramming induced by G-quadruplex ligands. Nature Chemistry, 2017, 9, 1110-1117.	6.6	88

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55	Click and discover. <i>Nature</i> , 2017, 548, 162-164.	13.7	3
56	Machine learning model for sequence-driven DNA G-quadruplex formation. <i>Scientific Reports</i> , 2017, 7, 14535.	1.6	111
57	Single genome retrieval of context-dependent variability in mutation rates for human germline. <i>BMC Genomics</i> , 2017, 18, 81.	1.2	8
58	Genome-wide mapping of 5-hydroxymethyluracil in the eukaryote parasite <i>Leishmania</i> . <i>Genome Biology</i> , 2017, 18, 23.	3.8	50
59	In vivo genome-wide profiling reveals a tissue-specific role for 5-formylcytosine. <i>Genome Biology</i> , 2016, 17, 141.	3.8	58
60	Enhanced Methylation Analysis by Recovery of Unsequenceable Fragments. <i>PLoS ONE</i> , 2016, 11, e0152322.	1.1	13
61	Structural Analysis using SHALiPE to Reveal RNA G-Quadruplex Formation in Human Precursor MicroRNA. <i>Angewandte Chemie</i> , 2016, 128, 9104-9107.	1.6	13
62	Identification of small molecule inhibitors of the Lin28-mediated blockage of pre-let-7g processing. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10208-10216.	1.5	32
63	Retinol and ascorbate drive erasure of epigenetic memory and enhance reprogramming to naïve pluripotency by complementary mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12202-12207.	3.3	139
64	rG4-seq reveals widespread formation of G-quadruplex structures in the human transcriptome. <i>Nature Methods</i> , 2016, 13, 841-844.	9.0	314
65	DSBCapture: in situ capture and sequencing of DNA breaks. <i>Nature Methods</i> , 2016, 13, 855-857.	9.0	120
66	G-quadruplex structures mark human regulatory chromatin. <i>Nature Genetics</i> , 2016, 48, 1267-1272.	9.4	683
67	An Epigenetics-Inspired DNA-Based Data Storage System. <i>Angewandte Chemie</i> , 2016, 128, 11310-11314.	1.6	15
68	Structural Analysis using SHALiPE to Reveal RNA G-Quadruplex Formation in Human Precursor MicroRNA. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8958-8961.	7.2	92
69	An Epigenetics-Inspired DNA-Based Data Storage System. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11144-11148.	7.2	31
70	Long genes and genes with multiple splice variants are enriched in pathways linked to cancer and other multigenic diseases. <i>BMC Genomics</i> , 2016, 17, 225.	1.2	28
71	Photoactivation of Mutant Isocitrate Dehydrogenase 2 Reveals Rapid Cancer-Associated Metabolic and Epigenetic Changes. <i>Journal of the American Chemical Society</i> , 2016, 138, 718-721.	6.6	39
72	Dual Binding of an Antibody and a Small Molecule Increases the Stability of TERRA G-Quadruplex. <i>Angewandte Chemie</i> , 2015, 127, 924-927.	1.6	16

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73	FOXM1 binds directly to non-consensus sequences in the human genome. <i>Genome Biology</i> , 2015, 16, 130.	3.8	49
74	Accurate Measurement of 5-Methylcytosine and 5-Hydroxymethylcytosine in Human Cerebellum DNA by Oxidative Bisulfite on an Array (OxBS-Array). <i>PLoS ONE</i> , 2015, 10, e0118202.	1.1	54
75	Dual Binding of an Antibody and a Small Molecule Increases the Stability of TERRA G-Quadruplex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 910-913.	7.2	28
76	Insights into the mechanism of a G-quadruplex-unwinding DEAH-box helicase. <i>Nucleic Acids Research</i> , 2015, 43, 2223-2231.	6.5	84
77	Formation and Abundance of 5-Hydroxymethylcytosine in RNA. <i>ChemBioChem</i> , 2015, 16, 752-755.	1.3	148
78	High-throughput sequencing of DNA G-quadruplex structures in the human genome. <i>Nature Biotechnology</i> , 2015, 33, 877-881.	9.4	954
79	5-Formylcytosine can be a stable DNA modification in mammals. <i>Nature Chemical Biology</i> , 2015, 11, 555-557.	3.9	225
80	Targeted Detection of G-Quadruplexes in Cellular RNAs. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6751-6754.	7.2	77
81	Selective Chemical Labeling of Natural T Modifications in DNA. <i>Journal of the American Chemical Society</i> , 2015, 137, 9270-9272.	6.6	56
82	Decoding genomes. <i>Biochemical Society Transactions</i> , 2015, 43, 1-5.	1.6	1
83	G-quadruplex ligands exhibit differential G-tetrad selectivity. <i>Chemical Communications</i> , 2015, 51, 8048-8050.	2.2	78
84	Molecular signatures of plastic phenotypes in two eusocial insect species with simple societies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13970-13975.	3.3	192
85	The Biology and Genomic Localization of Cytosine Modifications. <i>Epigenetics and Human Health</i> , 2015, , 167-191.	0.2	1
86	Solexa Sequencing: Decoding Genomes on a Population Scale. <i>Clinical Chemistry</i> , 2015, 61, 21-24.	1.5	26
87	5-Formylcytosine alters the structure of the DNA double helix. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 44-49.	3.6	140
88	oxBS-450K: A method for analysing hydroxymethylation using 450K BeadChips. <i>Methods</i> , 2015, 72, 9-15.	1.9	83
89	Chemical Methods for Decoding Cytosine Modifications in DNA. <i>Chemical Reviews</i> , 2015, 115, 2240-2254.	23.0	110
90	Concurrent BCL2/MYC Gene Amplification Associates with Increased DNA G-Quadruplex Formation in DLBCL. <i>Blood</i> , 2015, 126, 2641-2641.	0.6	0

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91	Elevated Levels of G-Quadruplex Formation in Human Stomach and Liver Cancer Tissues. PLoS ONE, 2014, 9, e102711.	1.1	168
92	Determinants of G quadruplex-induced epigenetic instability in <scp>REV</scp> 1-deficient cells. EMBO Journal, 2014, 33, 2507-2520.	3.5	111
93	G-quadruplexes regulate Epstein-Barr virus-encoded nuclear antigen 1 mRNA translation. Nature Chemical Biology, 2014, 10, 358-364.	3.9	220
94	Existence and consequences of G-quadruplex structures in DNA. Current Opinion in Genetics and Development, 2014, 25, 22-29.	1.5	311
95	Visualization and selective chemical targeting of RNA G-quadruplex structures in the cytoplasm of human cells. Nature Chemistry, 2014, 6, 75-80.	6.6	511
96	Suppression of the FOXM1 transcriptional programme via novel small molecule inhibition. Nature Communications, 2014, 5, 5165.	5.8	167
97	Chemical biology of genomic DNA: minimizing PCR bias. Chemical Communications, 2014, 50, 12047-12049.	2.2	5
98	Targeting a c-MYC G-quadruplex DNA with a fragment library. Chemical Communications, 2014, 50, 1704-1707.	2.2	49
99	5-Hydroxymethylcytosine is a predominantly stable DNA modification. Nature Chemistry, 2014, 6, 1049-1055.	6.6	431
100	Targeting DNA G-Quadruplexes with Helical Small Molecules. ChemBioChem, 2014, 15, 2563-2570.	1.3	31
101	Nucleotide Contributions to the Structural Integrity and DNA Replication Initiation Activity of Noncoding Y RNA. Biochemistry, 2014, 53, 5848-5863.	1.2	17
102	Quantitative sequencing of 5-formylcytosine in DNA at single-base resolution. Nature Chemistry, 2014, 6, 435-440.	6.6	211
103	Reprogramming the Mechanism of Action of Chlorambucil by Coupling to a G-Quadruplex Ligand. Journal of the American Chemical Society, 2014, 136, 5860-5863.	6.6	66
104	Chemical biology on the genome. Bioorganic and Medicinal Chemistry, 2014, 22, 4356-4370.	1.4	10
105	Genome-wide mapping of FOXM1 binding reveals co-binding with estrogen receptor alpha in breast cancer cells. Genome Biology, 2013, 14, R6.	13.9	113
106	Light-mediated in cell downregulation of G-quadruplex-containing genes using a photo-caged ligand. Chemical Communications, 2013, 49, 8453.	2.2	29
107	Oxidative bisulfite sequencing of 5-methylcytosine and 5-hydroxymethylcytosine. Nature Protocols, 2013, 8, 1841-1851.	5.5	291
108	Quantitative visualization of DNA G-quadruplex structures in human cells. Nature Chemistry, 2013, 5, 182-186.	6.6	1,746

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109	An Acetylene-Bridged 6,8-Purine Dimer as a Fluorescent Switch-On Probe for Parallel G-Quadruplexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1428-1431.	7.2	43
110	G-quadruplex structures are stable and detectable in human genomic DNA. <i>Nature Communications</i> , 2013, 4, 1796.	5.8	390
111	G-Quadruplex DNA as a Molecular Target for Induced Synthetic Lethality in Cancer Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 9640-9643.	6.6	121
112	Downregulation of Androgen Receptor Transcription by Promoter G-Quadruplex Stabilization as a Potential Alternative Treatment for Castrate-Resistant Prostate Cancer. <i>Biochemistry</i> , 2013, 52, 1429-1436.	1.2	23
113	Binding Interactions between Long Noncoding RNA HOTAIR and PRC2 Proteins. <i>Biochemistry</i> , 2013, 52, 9519-9527.	1.2	151
114	Targeting RNA-Protein Interactions within the Human Immunodeficiency Virus Type 1 Lifecycle. <i>Biochemistry</i> , 2013, 52, 9269-9274.	1.2	33
115	Mechanochemical Properties of Individual Human Telomeric RNA (TERRA) G-Quadruplexes. <i>ChemBioChem</i> , 2013, 14, 1931-1935.	1.3	29
116	A screen for hydroxymethylcytosine and formylcytosine binding proteins suggests functions in transcription and chromatin regulation. <i>Genome Biology</i> , 2013, 14, R119.	13.9	269
117	FANCI coordinates two pathways that maintain epigenetic stability at G-quadruplex DNA. <i>Nucleic Acids Research</i> , 2012, 40, 1485-1498.	6.5	184
118	An RNA Hairpin to G-Quadruplex Conformational Transition. <i>Journal of the American Chemical Society</i> , 2012, 134, 19953-19956.	6.6	80
119	Comparative Structural Effects of HIV-1 Gag and Nucleocapsid Proteins in Binding to and Unwinding of the Viral RNA Packaging Signal. <i>Biochemistry</i> , 2012, 51, 3162-3169.	1.2	17
120	Pyridostatin analogues promote telomere dysfunction and long-term growth inhibition in human cancer cells. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6537.	1.5	109
121	Genome-wide distribution of 5-formylcytosine in embryonic stem cells is associated with transcription and depends on thymine DNA glycosylase. <i>Genome Biology</i> , 2012, 13, R69.	13.9	205
122	Innentitelbild: Selective RNA Versus DNA G-Quadruplex Targeting by In-Situ Click Chemistry (Angew.) <i>Tj ETQq0 0,0 rgBT /Qverlock 10</i>		
123	Selective RNA Versus DNA G-Quadruplex Targeting by In-Situ Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11073-11078.	7.2	144
124	Experimental approaches to identify cellular G-quadruplex structures and functions. <i>Methods</i> , 2012, 57, 84-92.	1.9	40
125	A non-canonical DNA structure is a binding motif for the transcription factor SP1 in vitro. <i>Nucleic Acids Research</i> , 2012, 40, 1499-1508.	6.5	169
126	GENCODE: The reference human genome annotation for The ENCODE Project. <i>Genome Research</i> , 2012, 22, 1760-1774.	2.4	4,217

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127	An Intramolecular G-Quadruplex Structure Is Required for Binding of Telomeric Repeat-Containing RNA to the Telomeric Protein TRF2. <i>Journal of the American Chemical Society</i> , 2012, 134, 11974-11976.	6.6	128
128	The Kinetics and Folding Pathways of Intramolecular G-Quadruplex Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2012, 134, 19297-19308.	6.6	135
129	Quantitative Sequencing of 5-Methylcytosine and 5-Hydroxymethylcytosine at Single-Base Resolution. <i>Science</i> , 2012, 336, 934-937.	6.0	850
130	Demonstration of Ligand Decoration, and Ligand-Induced Perturbation, of G-Quadruplexes in a Plasmid Using Atomic Force Microscopy. <i>Biochemistry</i> , 2012, 51, 578-585.	1.2	23
131	5'-UTR RNA G-quadruplexes: translation regulation and targeting. <i>Nucleic Acids Research</i> , 2012, 40, 4727-4741.	6.5	543
132	Small-molecule-induced DNA damage identifies alternative DNA structures in human genes. <i>Nature Chemical Biology</i> , 2012, 8, 301-310.	3.9	576
133	Synthesis of Bis-indole Carboxamides as G-Quadruplex Stabilizing and Inducing Ligands. <i>Chemistry - A European Journal</i> , 2012, 18, 554-564.	1.7	38
134	A LIN28-Dependent Structural Change in pre-let-7g Directly Inhibits Dicer Processing. <i>Biochemistry</i> , 2011, 50, 7514-7521.	1.2	38
135	Sequencing nucleic acids: from chemistry to medicine. <i>Chemical Communications</i> , 2011, 47, 7281.	2.2	26
136	A Sequence-Independent Analysis of the Loop Length Dependence of Intramolecular RNA G-Quadruplex Stability and Topology. <i>Biochemistry</i> , 2011, 50, 7251-7258.	1.2	115
137	G-Quadruplex-Binding Benzo[<i>a</i>]phenoxazines Down-Regulate <i>c-KIT</i> Expression in Human Gastric Carcinoma Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 2658-2663.	6.6	139
138	The transcription factor FOXM1 is a cellular target of the natural product thiostrepton. <i>Nature Chemistry</i> , 2011, 3, 725-731.	6.6	223
139	A single-molecule platform for investigation of interactions between G-quadruplexes and small-molecule ligands. <i>Nature Chemistry</i> , 2011, 3, 782-787.	6.6	189
140	Targeting G-quadruplexes in gene promoters: a novel anticancer strategy?. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 261-275.	21.5	1,447
141	Rudimentary G-quadruplex-based telomere capping in <i>Saccharomyces cerevisiae</i> . <i>Nature Structural and Molecular Biology</i> , 2011, 18, 478-485.	3.6	107
142	Decoding Genomes at High Speed: Implications for Science and Medicine. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12406-12410.	7.2	12
143	Synthesis and Binding Studies of Novel Diethynyl-Pyridine Amides with Genomic Promoter DNA G-Quadruplexes. <i>Chemistry - A European Journal</i> , 2011, 17, 4571-4581.	1.7	58
144	Gene inactivation and its implications for annotation in the era of personal genomics. <i>Genes and Development</i> , 2011, 25, 1-10.	2.7	29

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145	Small-molecule-mediated G-quadruplex isolation from human cells. <i>Nature Chemistry</i> , 2010, 2, 1095-1098.	6.6	166
146	Distinct functions of maternal and somatic Pat1 protein paralogs. <i>Rna</i> , 2010, 16, 2094-2107.	1.6	50
147	RNA Conformation in Catalytically Active Human Telomerase. <i>Journal of the American Chemical Society</i> , 2010, 132, 2852-2853.	6.6	15
148	The <i>BCL-2</i> 5' Untranslated Region Contains an RNA G-Quadruplex-Forming Motif That Modulates Protein Expression. <i>Biochemistry</i> , 2010, 49, 8300-8306.	1.2	134
149	Targeting the <i>c-Kit</i> Promoter G-quadruplexes with 6-Substituted Indenoisoquinolines. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 306-310.	1.3	67
150	Small molecule-mediated inhibition of translation by targeting a native RNA G-quadruplex. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2771.	1.5	101
151	Ensemble and single molecule FRET analysis of the structure and unfolding kinetics of the <i>c-kit</i> promoter quadruplexes. <i>Chemical Communications</i> , 2010, 46, 946-948.	2.2	11
152	LIN-28 and the poly(U) polymerase PUP-2 regulate let-7 microRNA processing in <i>Caenorhabditis elegans</i> . <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1016-1020.	3.6	224
153	G-quadruplex nucleic acids as therapeutic targets. <i>Current Opinion in Chemical Biology</i> , 2009, 13, 345-353.	2.8	532
154	A G-Rich Sequence within the <i>c-kit</i> Oncogene Promoter Forms a Parallel G-Quadruplex Having Asymmetric G-Tetrad Dynamics. <i>Journal of the American Chemical Society</i> , 2009, 131, 13399-13409.	6.6	195
155	Single-Molecule Analysis of the Human Telomerase RNA-Dyskerin Interaction and the Effect of Dyskeratosis Congenita Mutations. <i>Biochemistry</i> , 2009, 48, 10858-10865.	1.2	21
156	G-Quadruplex DNA Bound by a Synthetic Ligand is Highly Dynamic. <i>Journal of the American Chemical Society</i> , 2009, 131, 12522-12523.	6.6	47
157	A Small Molecule That Disrupts G-Quadruplex DNA Structure and Enhances Gene Expression. <i>Journal of the American Chemical Society</i> , 2009, 131, 12628-12633.	6.6	123
158	Genome-wide analysis of a G-quadruplex-specific single-chain antibody that regulates gene expression. <i>Nucleic Acids Research</i> , 2009, 37, 6716-6722.	6.5	75
159	Controlled-folding of a small molecule modulates DNA G-quadruplex recognition. <i>Chemical Communications</i> , 2009, , 80-82.	2.2	25
160	Recognition and discrimination of DNA quadruplexes by acridine-peptide conjugates. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 76-84.	1.5	60
161	Exploring the Differential Recognition of DNA G-Quadruplex Targets by Small Molecules Using Dynamic Combinatorial Chemistry. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2677-2680.	7.2	101
162	Accurate whole human genome sequencing using reversible terminator chemistry. <i>Nature</i> , 2008, 456, 53-59.	13.7	3,118

#	ARTICLE	IF	CITATIONS
163	Single-molecule analysis of human telomerase monomer. <i>Nature Chemical Biology</i> , 2008, 4, 287-289.	3.9	52
164	A Novel Small Molecule That Alters Shelterin Integrity and Triggers a DNA-Damage Response at Telomeres. <i>Journal of the American Chemical Society</i> , 2008, 130, 15758-15759.	6.6	390
165	A Sequence-Independent Study of the Influence of Short Loop Lengths on the Stability and Topology of Intramolecular DNA G-Quadruplexes. <i>Biochemistry</i> , 2008, 47, 689-697.	1.2	285
166	Triarylpyridines: a versatile small molecule scaffold for G-quadruplex recognition. <i>Chemical Communications</i> , 2008, , 1467.	2.2	74
167	Single molecule conformational analysis of DNA G-quadruplexes. <i>Biochimie</i> , 2008, 90, 1197-1206.	1.3	31
168	G-quadruplex recognition by bis-indole carboxamides. <i>Chemical Communications</i> , 2008, , 3055.	2.2	70
169	Rigid cyanine dye nucleic acid labels. <i>Chemical Communications</i> , 2008, , 2004.	2.2	40
170	Diarylethynyl Amides That Recognize the Parallel Conformation of Genomic Promoter DNA G-Quadruplexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 15950-15956.	6.6	151
171	Selective Recognition of a DNA G-Quadruplex by an Engineered Antibody. <i>Biochemistry</i> , 2008, 47, 9365-9371.	1.2	62
172	Single molecule conformational analysis of the biologically relevant DNA G-quadruplex in the promoter of the proto-oncogene c-MYC. <i>Chemical Communications</i> , 2008, , 2007.	2.2	15
173	Position and Stability Are Determining Factors for Translation Repression by an RNA G-Quadruplex-Forming Sequence within the 5' UTR of the <i>NRAS</i> Proto-oncogene. <i>Biochemistry</i> , 2008, 47, 12664-12669.	1.2	104
174	FANCI Is a Structure-specific DNA Helicase Associated with the Maintenance of Genomic G/C Tracts. <i>Journal of Biological Chemistry</i> , 2008, 283, 36132-36139.	1.6	207
175	G-quadruplexes: the beginning and end of UTRs. <i>Nucleic Acids Research</i> , 2008, 36, 6260-6268.	6.5	367
176	Massively Parallel Synthetic Sequencing of DNA on Clonal Arrays. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 107-107.	0.3	0
177	G-quadruplexes in promoters throughout the human genome. <i>Nucleic Acids Research</i> , 2007, 35, 2105-2105.	6.5	10
178	G-quadruplexes in promoters throughout the human genome. <i>Nucleic Acids Research</i> , 2007, 35, 406-413.	6.5	1,143
179	Trisubstituted Isoalloxazines as a New Class of G-Quadruplex Binding Ligands: Small Molecule Regulation of c-kit Oncogene Expression. <i>Journal of the American Chemical Society</i> , 2007, 129, 12926-12927.	6.6	240
180	Macrocyclic and Helical Oligoamides as a New Class of G-Quadruplex Ligands. <i>Journal of the American Chemical Society</i> , 2007, 129, 11890-11891.	6.6	159

#	ARTICLE	IF	CITATIONS
181	Single-Molecule Conformational Analysis of G-Quadruplex Formation in the Promoter DNA Duplex of the Proto-Oncogene C-Kit. <i>Journal of the American Chemical Society</i> , 2007, 129, 7484-7485.	6.6	121
182	Ligand-Driven G-Quadruplex Conformational Switching By Using an Unusual Mode of Interaction. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5405-5407.	7.2	122
183	An RNA G-quadruplex in the 5' UTR of the NRAS proto-oncogene modulates translation. <i>Nature Chemical Biology</i> , 2007, 3, 218-221.	3.9	676
184	Oxazole-Based Peptide Macrocycles: A New Class of G-Quadruplex Binding Ligands. <i>Journal of the American Chemical Society</i> , 2006, 128, 13662-13663.	6.6	122
185	Tetramethylpyridiniumporphyrazines: a new class of G-quadruplex inducing and stabilising ligands. <i>Chemical Communications</i> , 2006, , 4685-4687.	2.2	120
186	Investigating a Quadruplex-Ligand Interaction by Unfolding Kinetics. <i>Journal of the American Chemical Society</i> , 2006, 128, 9809-9812.	6.6	30
187	Discovery of G-quadruplex stabilizing ligands through direct ELISA of a one-bead-one-compound library. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4364.	1.5	15
188	Synthesis and G-quadruplex binding studies of new 4-N-methylpyridinium porphyrins. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3337-3342.	1.5	52
189	Exploring the Recognition of Quadruplex DNA by an Engineered Cys2-His2 Zinc Finger Protein. <i>Biochemistry</i> , 2006, 45, 1393-1399.	1.2	37
190	Structural Analysis of the Catalytic Core of Human Telomerase RNA by FRET and Molecular Modeling. <i>Biochemistry</i> , 2006, 45, 13304-13311.	1.2	30
191	A Reversible pH-Driven DNA Nanoswitch Array. <i>Journal of the American Chemical Society</i> , 2006, 128, 2067-2071.	6.6	213
192	A Conserved Quadruplex Motif Located in a Transcription Activation Site of the Human c-kit Oncogene. <i>Biochemistry</i> , 2006, 45, 7854-7860.	1.2	370
193	Analysis of Human Telomerase Activity and Function by Two Color Single Molecule Coincidence Fluorescence Spectroscopy. <i>Journal of the American Chemical Society</i> , 2006, 128, 4992-5000.	6.6	42
194	Determination of the Fraction and Stoichiometry of Femtomolar Levels of Biomolecular Complexes in an Excess of Monomer Using Single-Molecule, Two-Color Coincidence Detection. <i>Analytical Chemistry</i> , 2006, 78, 7707-7715.	3.2	72
195	A Simple Nanomixer for Single-Molecule Kinetics Measurements. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7540-7543.	7.2	20
196	Targeting Nucleic Acid Secondary Structures with Polyamides Using an Optimized Dynamic Combinatorial Approach. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5736-5739.	7.2	53
197	Sequence variation in G-protein-coupled receptors: analysis of single nucleotide polymorphisms. <i>Nucleic Acids Research</i> , 2005, 33, 1710-1721.	6.5	37
198	Dynamic covalent chemistry on self-templating PNA oligomers: formation of a bimolecular PNA quadruplex. <i>Chemical Communications</i> , 2005, , 3068.	2.2	25

#	ARTICLE	IF	CITATIONS
199	Prevalence of quadruplexes in the human genome. <i>Nucleic Acids Research</i> , 2005, 33, 2908-2916.	6.5	1,519
200	PNA forms an i-motif. <i>Chemical Communications</i> , 2005, , 5278.	2.2	34
201	DNA Molecular Motor Driven Micromechanical Cantilever Arrays. <i>Journal of the American Chemical Society</i> , 2005, 127, 17054-17060.	6.6	206
202	Putative DNA Quadruplex Formation within the Human c-kit Oncogene. <i>Journal of the American Chemical Society</i> , 2005, 127, 10584-10589.	6.6	526
203	Solid-Phase Methods for the Synthesis of Cyanine Dyes. <i>Journal of Organic Chemistry</i> , 2005, 70, 2939-2949.	1.7	56
204	Measuring single-molecule nucleic acid dynamics in solution by two-color filtered ratiometric fluorescence correlation spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14425-14430.	3.3	47
205	Templated Ligand Assembly by Using G-Quadruplex DNA and Dynamic Covalent Chemistry. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1143-1146.	7.2	74
206	Individual Molecules of Dye-Labeled DNA Act as a Reversible Two-Color Switch upon Application of an Electric Field. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5926-5930.	7.2	5
207	Recent Developments in Linker Design and Application. <i>ChemInform</i> , 2004, 35, no.	0.1	0
208	Tetrapeptides induce selective recognition for G-quadruplexes when conjugated to a DNA-binding platform. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2925.	1.5	36
209	Studies on the Chemical Stability and Synthetic Utility of an Oxazolidine Linker for Solid-Phase Chemistry. <i>Journal of Organic Chemistry</i> , 2004, 69, 5439-5447.	1.7	13
210	Inhibition of Human Telomerase Activity by an Engineered Zinc Finger Protein that Binds G-Quadruplexes. <i>Biochemistry</i> , 2004, 43, 13452-13458.	1.2	43
211	A PNA4Quadruplex. <i>Journal of the American Chemical Society</i> , 2004, 126, 5944-5945.	6.6	57
212	Formation of an Interlocked Quadruplex Dimer by d(GGGT). <i>Journal of the American Chemical Society</i> , 2004, 126, 11009-11016.	6.6	91
213	Loop-Length-Dependent Folding of G-Quadruplexes. <i>Journal of the American Chemical Society</i> , 2004, 126, 16405-16415.	6.6	428
214	Molecule by Molecule Direct and Quantitative Counting of Antibody-Protein Complexes in Solution. <i>Analytical Chemistry</i> , 2004, 76, 4446-4451.	3.2	53
215	Targeting the single-strand G-rich overhang of telomeres with PNA inhibits cell growth and induces apoptosis of human immortal cells. <i>Experimental Cell Research</i> , 2004, 295, 204-214.	1.2	28
216	Fluorescence studies of single biomolecules. <i>Biochemical Society Transactions</i> , 2004, 32, 753-756.	1.6	13

#	ARTICLE	IF	CITATIONS
217	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2221-2223.	1.6	31
218	Dynamic Covalent Chemistry on Self-Templating Peptides: Formation of a Disulfide-linked β^2 -Hairpin Mimic. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2171-2173.	7.2	76
219	A Proton-Fuelled DNA Nanomachine. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5734-5736.	7.2	435
220	Recent developments in linker design and application. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 346-352.	2.8	25
221	Kinetics of Unfolding the Human Telomeric DNA Quadruplex Using a PNA Trap. <i>Journal of the American Chemical Society</i> , 2003, 125, 3763-3767.	6.6	100
222	G-Quadruplex-Specific Peptide-Hemicyanine Ligands by Partial Combinatorial Selection. <i>Journal of the American Chemical Society</i> , 2003, 125, 5594-5595.	6.6	64
223	Ultrasensitive Coincidence Fluorescence Detection of Single DNA Molecules. <i>Analytical Chemistry</i> , 2003, 75, 1664-1670.	3.2	162
224	Site-specific cleavage of human telomerase RNA using PNA-neocuproine-Zn(ii) derivatives. <i>Chemical Communications</i> , 2003, , 36-37.	2.2	25
225	Identification of a new RNA{middle dot}RNA interaction site for human telomerase RNA (hTR): structural implications for hTR accumulation and a dyskeratosis congenita point mutation. <i>Nucleic Acids Research</i> , 2003, 31, 6509-6515.	6.5	43
226	Studies on the structure and dynamics of the human telomeric G quadruplex by single-molecule fluorescence resonance energy transfer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14629-14634.	3.3	286
227	An atomistic simulation study of a solid monolayer and trilayer of n-hexane on graphite. <i>Journal of Chemical Physics</i> , 2003, 118, 5082-5086.	1.2	16
228	From the combinatorial chemistry boom to polymer-supported parallel chemistry: established technologies for drug discovery. <i>Drugs of the Future</i> , 2003, 28, 659.	0.0	16
229	Minimum length requirement of the alignment domain of human telomerase RNA to sustain catalytic activity in vitro. <i>Nucleic Acids Research</i> , 2002, 30, 4470-4480.	6.5	33
230	Synthesis of a Polymer-Supported Oxazolidine Aldehyde for Asymmetric Chemistry. <i>Journal of Organic Chemistry</i> , 2002, 67, 6646-6652.	1.7	40
231	Solid-Phase Synthesis of Symmetrical 3,6-Bispeptide-Acrifone Conjugates. <i>Organic Letters</i> , 2002, 4, 2509-2512.	2.4	15
232	Studies on the Chemical Stability and Functional Group Compatibility of the Benzoin Photolabile Safety-Catch Linker Using an Analytical Construct. <i>ACS Combinatorial Science</i> , 2002, 4, 44-48.	3.3	18
233	Practical Synthesis of a Dithiane-Protected 3,5-Dialkoxybenzoin Photolabile Safety-Catch Linker for Solid-Phase Organic Synthesis. <i>Journal of Organic Chemistry</i> , 2002, 67, 129-135.	1.7	25
234	Solid-Phase Catch, Activate, and Release Synthesis of Cyanine Dyes. <i>Organic Letters</i> , 2002, 4, 4261-4264.	2.4	34

#	ARTICLE	IF	CITATIONS
235	Enhanced cooperative binding of oligonucleotides to form DNA duplexes mediated by metal ion chelation. Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b2/b206054j/ . <i>Chemical Communications</i> , 2002, , 1950-1951.	2.2	13
236	Synthesis of diastereomerically pure 1,4,5-substituted-2-oxopiperazines on solid-phase. <i>Tetrahedron Letters</i> , 2002, 43, 2439-2443.	0.7	12
237	Exploring a Benzyloxyaniline Linker Utilizing Ceric Ammonium Nitrate (CAN) as a Cleavage Reagent: A Solid-Phase Synthesis of N-Unsubstituted β -Lactams and Secondary Amides. <i>Organic Letters</i> , 2001, 3, 1591-1591.	2.4	5
238	Exploring a Benzyloxyaniline Linker Utilizing Ceric Ammonium Nitrate (CAN) as a Cleavage Reagent: A Solid-Phase Synthesis of N-Unsubstituted β -Lactams and Secondary Amides. <i>Organic Letters</i> , 2001, 3, 53-56.	2.4	36
239	Probing DNA Surface Attachment and Local Environment Using Single Molecule Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2001, 105, 3120-3126.	1.2	56
240	Selection of Zinc Fingers that Bind Single-Stranded Telomeric DNA in the G-Quadruplex Conformation. <i>Biochemistry</i> , 2001, 40, 830-836.	1.2	63
241	Solid phase chemical technologies for combinatorial chemistry. <i>Journal of Cellular Biochemistry</i> , 2001, 84, 28-33.	1.2	3
242	Non-Arrhenius kinetics for the loop closure of a DNA hairpin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5584-5589.	3.3	179
243	Strategies for the synthesis of fluorescently labelled PNA. <i>Tetrahedron Letters</i> , 2000, 41, 6153-6156.	0.7	7
244	A stereoselective synthesis of 1,3,4-substituted β -lactams from polymer-supported chiral oxazolidine aldehyde. <i>Tetrahedron Letters</i> , 2000, 41, 8621-8625.	0.7	30
245	Recent developments in the encoding and deconvolution of combinatorial libraries. <i>Current Opinion in Chemical Biology</i> , 2000, 4, 346-350.	2.8	56
246	The science of chemical discovery: probing the unknown with new technologies. <i>Drug Discovery Today</i> , 2000, 5, 533-534.	3.2	1
247	Proteomics of <i>Mycoplasma genitalium</i> : identification and characterization of unannotated and atypical proteins in a small model genome. <i>Nucleic Acids Research</i> , 2000, 28, 3075-3082.	6.5	28
248	Single-Molecule Analysis of DNA Immobilized on Microspheres. <i>Analytical Chemistry</i> , 2000, 72, 3678-3681.	3.2	43
249	FRET Fluctuation Spectroscopy: Exploring the Conformational Dynamics of a DNA Hairpin Loop. <i>Journal of Physical Chemistry B</i> , 2000, 104, 11551-11555.	1.2	93
250	Double fluorescence resonance energy transfer to explore multicomponent binding interactions: a case study of DNA mismatches. <i>Chemical Communications</i> , 2000, , 1043-1044.	2.2	21
251	Ratiometric Analysis of Single-Molecule Fluorescence Resonance Energy Transfer Using Logical Combinations of Threshold Criteria: A Study of 12-mer DNA. <i>Journal of Physical Chemistry B</i> , 2000, 104, 5171-5178.	1.2	56
252	Screening for oligonucleotide binding affinity by a convenient fluorescence competition assay. <i>Nucleic Acids Research</i> , 1999, 27, i-v.	6.5	1

#	ARTICLE	IF	CITATIONS
253	Studies on a Dithiane-Protected Benzoin Photolabile Safety Catch Linker for Solid-Phase Synthesis. <i>Journal of Organic Chemistry</i> , 1999, 64, 3454-3460.	1.7	43
254	Inhibition of human telomerase by PNA-cationic peptide conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 1273-1278.	1.0	34
255	Solid phase synthesis - designer linkers for combinatorial chemistry: a review. <i>Journal of Chemical Technology and Biotechnology</i> , 1999, 74, 835-851.	1.6	52
256	Exploring a chemical encoding strategy for combinatorial synthesis using Friedel-Crafts alkylation. <i>Chemical Communications</i> , 1999, , 1331-1332.	2.2	4
257	Thermodynamic Melting Studies on Oligonucleotide-Peptide Conjugates. <i>Nucleosides & Nucleotides</i> , 1999, 18, 1477-1478.	0.5	0
258	Characterization of phosphotyrosine containing proteins at the cholinergic synapse. <i>FEBS Letters</i> , 1999, 446, 95-102.	1.3	10
259	Screening for oligonucleotide binding affinity by a convenient fluorescence competition assay. <i>Nucleic Acids Research</i> , 1999, 27, 14e-14.	6.5	3
260	Characterization of the tyrosine phosphorylation and distribution of dystrobrevin isoforms. <i>FEBS Letters</i> , 1998, 432, 133-140.	1.3	40
261	Synthesis and hybridization analysis of a small library of peptide- oligonucleotide conjugates. <i>Nucleic Acids Research</i> , 1998, 26, 3136-3145.	6.5	77
262	Use of Fluorescence Resonance Energy Transfer To Investigate the Conformation of DNA Substrates Bound to the Klenow Fragment. <i>Biochemistry</i> , 1998, 37, 2979-2990.	1.2	54
263	Optically Biased Diffusion of Single Molecules Studied by Confocal Fluorescence Microscopy. <i>Journal of Physical Chemistry B</i> , 1998, 102, 3160-3167.	1.2	135
264	A Combinatorial Approach to Identifying Protein Tyrosine Phosphatase Substrates from a Phosphotyrosine Peptide Library. <i>Journal of the American Chemical Society</i> , 1997, 119, 9568-9569.	6.6	30
265	A convenient synthetic route to oligonucleotide conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 1041-1046.	1.0	22
266	Properties of fluorophores on solid phase resins; implications for screening, encoding and reaction monitoring. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 1567-1572.	1.0	31
267	The use of a dithiane protected benzoin photolabile safety catch linker for solid-phase synthesis. <i>Tetrahedron Letters</i> , 1997, 38, 1227-1230.	0.7	72
268	Synthesis of 2-Oxindole Derivatives via the Intramolecular Heck Reaction on Solid Support. <i>Tetrahedron Letters</i> , 1997, 38, 6473-6476.	0.7	76
269	Studies on the Synthesis, Characterisation and Reactivity of Aromatic Diboronic Acids. <i>Tetrahedron Letters</i> , 1997, 38, 6781-6784.	0.7	46
270	Solid phase reductive alkylation of secondary amines. <i>Tetrahedron Letters</i> , 1996, 37, 4819-4822.	0.7	47

#	ARTICLE	IF	CITATIONS
271	Escherichia coli chorismate synthase: a deuterium kinetic-isotope effect under single-turnover and steady-state conditions shows that a flavin intermediate forms before the C-(6proR)-H bond is cleaved. <i>Biochemical Journal</i> , 1995, 305, 707-710.	1.7	25
272	Escherichia coli Chorismate Synthase Catalyzes the Conversion of (6S)-6-Fluoro-5-enolpyruvylshikimate-3-phosphate to 6-Fluorochorismate. <i>Journal of Biological Chemistry</i> , 1995, 270, 22811-22815.	1.6	45
273	Observation of a Secondary Tritium Isotope Effect in the Chorismate Synthase Reaction. <i>Biochemistry</i> , 1995, 34, 341-348.	1.2	20
274	Mechanism of metal-independent hydroxylation by <i>Chromobacterium violaceum</i> phenylalanine hydroxylase. <i>Biochemistry</i> , 1995, 34, 7525-7532.	1.2	40
275	Identification of Metal Ligands in Cu(II)-Inhibited <i>Chromobacterium violaceum</i> Phenylalanine Hydroxylase by Electron Spin Echo Envelope Modulation Analysis of Histidine to Serine Mutations. <i>Biochemistry</i> , 1994, 33, 8532-8537.	1.2	23
276	Recombinant HIV-1 Nucleocapsid Protein Accelerates HIV-1 Reverse Transcriptase Catalyzed DNA Strand Transfer Reactions and Modulates RNase H Activity. <i>Biochemistry</i> , 1994, 33, 13817-13823.	1.2	191
277	Reaction of (6R)-6-fluoroEPSP with recombinant <i>Escherichia coli</i> chorismate synthase generates a stable flavin mononucleotide semiquinone radical. <i>Journal of the American Chemical Society</i> , 1992, 114, 3151-3153.	6.6	54
278	Inhibition of chorismate synthase by (6R)- and (6S)-6-fluoro-5-enolpyruvylshikimate 3-phosphate. <i>Journal of the American Chemical Society</i> , 1991, 113, 8945-8946.	6.6	35
279	The synthesis of (6R)-[6-2H]- and (6S)-[6-2H]5-enolpyruvylshikimate-3-phosphate. <i>Tetrahedron Letters</i> , 1991, 32, 963-966.	0.7	9
280	Observation of an isotope effect in the chorismate synthase reaction. <i>Journal of the American Chemical Society</i> , 1990, 112, 8581-8583.	6.6	29
281	DSBCapture: in situ single-nucleotide resolution DNA double-strand break mapping. <i>Protocol Exchange</i> , 0, , .	0.3	1