Cynthia J Burrows

List of Publications by Year
in descending order

342 papers	12,076 citations	19608 61 h-index	33814 99 g-index
349 all docs	349 docs citations	349 times ranked	7526 citing authors

#	Article	IF	Citations
1	Oxidative Nucleobase Modifications Leading to Strand Scission. Chemical Reviews, 1998, 98, 1109-1152.	23.0	1,634
2	Oxidative DNA damage is epigenetic by regulating gene transcription via base excision repair. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2604-2609.	3.3	269
3	Characterization of Spiroiminodihydantoin as a Product of One-Electron Oxidation of 8-Oxo-7,8-dihydroguanosine. Organic Letters, 2000, 2, 613-616.	2.4	268
4	The Hydantoin Lesions Formed from Oxidation of 7,8-Dihydro-8-oxoguanine Are Potent Sources of Replication Errors in Vivoâ€. Biochemistry, 2003, 42, 9257-9262.	1.2	207
5	Characterization of Hydantoin Products from One-Electron Oxidation of 8-Oxo-7,8-dihydroguanosine in a Nucleoside Model. Chemical Research in Toxicology, 2001, 14, 927-938.	1.7	205
6	Recognition of Guanine Structure in Nucleic Acids by Nickel Complexes. Accounts of Chemical Research, 1994, 27, 295-301.	7.6	193
7	The mouse ortholog of NEIL3 is a functional DNA glycosylase in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4925-4930.	3.3	169
8	Formation of13C-,15N-, and18O-Labeled Guanidinohydantoin from Guanosine Oxidation with Singlet Oxygen. Implications for Structure and Mechanism. Journal of the American Chemical Society, 2003, 125, 13926-13927.	6.6	163
9	Transcriptome-wide profiling of multiple RNA modifications simultaneously at single-base resolution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6784-6789.	3.3	162
10	Catalysis of alkene oxidation by nickel salen complexes using sodium hypochlorite under phase-transfer conditions. Journal of the American Chemical Society, 1988, 110, 4087-4089.	6.6	146
11	In Vitro Nucleotide Misinsertion Opposite the Oxidized Guanosine Lesions Spiroiminodihydantoin and Guanidinohydantoin and DNA Synthesis Past the Lesions UsingEscherichia coliDNA Polymerase I (Klenow Fragment)â€. Biochemistry, 2002, 41, 15304-15314.	1.2	146
12	Sequence and Stacking Dependence of 8-Oxoguanine Oxidation:Â Comparison of One-Electron vs Singlet Oxygen Mechanisms. Journal of the American Chemical Society, 1999, 121, 9423-9428.	6.6	145
13	The pH-Dependent Role of Superoxide in Riboflavin-Catalyzed Photooxidation of 8-Oxo-7,8-dihydroguanosine. Organic Letters, 2001, 3, 2801-2804.	2.4	144
14	Alkene aziridination and epoxidation catalyzed by chiral metal salen complexes. Tetrahedron Letters, 1992, 33, 1001-1004.	0.7	143
15	DNA Damage from Sulfite Autoxidation Catalyzed by a Nickel(II) Peptide. Journal of the American Chemical Society, 1997, 119, 1501-1506.	6.6	141
16	G-Quadruplex Folds of the Human Telomere Sequence Alter the Site Reactivity and Reaction Pathway of Guanine Oxidation Compared to Duplex DNA. Chemical Research in Toxicology, 2013, 26, 593-607.	1.7	133
17	DNAâ^'Protein Cross-links between Guanine and Lysine Depend on the Mechanism of Oxidation for Formation of C5 Vs C8 Guanosine Adducts. Journal of the American Chemical Society, 2008, 130, 703-709.	6.6	129
18	The NEIL glycosylases remove oxidized guanine lesions from telomeric and promoter quadruplex DNA structures. Nucleic Acids Research, 2015, 43, 4039-4054.	6.5	129

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19	Removal of Hydantoin Products of 8-Oxoguanine Oxidation by the Escherichia coli DNA Repair Enzyme, FPG. Biochemistry, 2000, 39, 14984-14992.	1.2	128
20	Superior Removal of Hydantoin Lesions Relative to Other Oxidized Bases by the Human DNA Glycosylase hNEIL1. Biochemistry, 2008, 47, 7137-7146.	1.2	127
21	A Role for the Fifth G-Track in G-Quadruplex Forming Oncogene Promoter Sequences during Oxidative Stress: Do These â€œSpare Tiresâ€•Have an Evolved Function?. ACS Central Science, 2015, 1, 226-233.	5.3	125
22	Sequencing the Mouse Genome for the Oxidatively Modified Base 8-Oxo-7,8-dihydroguanine by OG-Seq. Journal of the American Chemical Society, 2017, 139, 2569-2572.	6.6	120
23	High turnover rates in pH-dependent alkene epoxidation using NaOCl and square-planar nickel(II) catalysts. Journal of the American Chemical Society, 1990, 112, 4568-4570.	6.6	118
24	Zika Virus Genomic RNA Possesses Conserved G-Quadruplexes Characteristic of the Flaviviridae Family. ACS Infectious Diseases, 2016, 2, 674-681.	1.8	117
25	Mechanistic studies of alkene epoxidation catalyzed by nickel(II) cyclam complexes. Oxygen-18 labeling and substituent effects. Journal of the American Chemical Society, 1988, 110, 6124-6129.	6.6	115
26	DNA and RNA Modification Promoted by [Co(H2O)6]Cl2 and KHSO5:â€‰ Guanine Selectivity, Temperature Dependence, and Mechanism. Journal of the American Chemical Society, 1996, 118, 2320-2325.	6.6	115
27	8-Oxo-7,8-dihydroguanine, friend and foe: Epigenetic-like regulator versus initiator of mutagenesis. DNA Repair, 2017, 56, 75-83.	1.3	110
28	Substituent effects on the aliphatic Claisen rearrangement. 1. Synthesis and rearrangement of cyano-substituted allyl vinyl ethers. Journal of the American Chemical Society, 1981, 103, 6983-6984.	6.6	107
29	Neil3 and NEIL1 DNA Glycosylases Remove Oxidative Damages from Quadruplex DNA and Exhibit Preferences for Lesions in the Telomeric Sequence Context. Journal of Biological Chemistry, 2013, 288, 27263-27272.	1.6	103
30	4<i>n</i>â€“1 Is a â€œSweet Spotâ€•in DNA i-Motif Folding of 2â€²-Deoxycytidine Homopolymers. Journal of the American Chemical Society, 2017, 139, 4682-4689.	6.6	100
31	Interplay of Guanine Oxidation and G-Quadruplex Folding in Gene Promoters. Journal of the American Chemical Society, 2020, 142, 1115-1136.	6.6	99
32	Formation and processing of DNA damage substrates for the hNEIL enzymes. Free Radical Biology and Medicine, 2017, 107, 35-52.	1.3	97
33	Ligand effects associated with the intrinsic selectivity of DNA oxidation promoted by nickel(II) macrocyclic complexes. Journal of the American Chemical Society, 1992, 114, 6407-6411.	6.6	95
34	Optically active difunctionalized dioxocyclam macrocycles: ligands for nickel-catalyzed oxidation of alkenes. Journal of Organic Chemistry, 1989, 54, 1584-1589.	1.7	93
35	Crown etherâ€“electrolyte interactions permit nanopore detection of individual DNA abasic sites in single molecules. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11504-11509.	3.3	93
36	Nanopore Detection of 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine in Immobilized Single-Stranded DNA via Adduct Formation to the DNA Damage Site. Journal of the American Chemical Society, 2010, 132, 17992-17995.	6.6	91

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37	Nickel(III)-Promoted DNA Cleavage with Ambient Dioxygen. Angewandte Chemie International Edition in English, 1993, 32, 277-278.	4.4	88
38	Chemical Modification of siRNA Bases To Probe and Enhance RNA Interference. Journal of Organic Chemistry, 2011, 76, 7295-7300.	1.7	87
39	Repair of hydantoins, one electron oxidation product of 8-oxoguanine, by DNA glycosylases of Escherichia coli. Nucleic Acids Research, 2001, 29, 1967-1974.	6.5	85
40	An Exploration of Mechanisms for the Transformation of 8-Oxoguanine to Guanidinohydantoin and Spiroiminodihydantoin by Density Functional Theory. Journal of the American Chemical Society, 2008, 130, 5245-5256.	6.6	85
41	Mutation versus Repair: NEIL1 Removal of Hydantoin Lesions in Single-Stranded, Bulge, Bubble, and Duplex DNA Contexts. Biochemistry, 2010, 49, 1658-1666.	1.2	85
42	DNA modification: intrinsic selectivity of nickel(II) complexes. Journal of the American Chemical Society, 1991, 113, 5884-5886.	6.6	83
43	Endonuclease VIII-like 3 (Neil3) DNA glycosylase promotes neurogenesis induced by hypoxia-ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18802-18807.	3.3	83
44	Preparation and structural characterization of dicopper(II) and dinickel(II) imidazolate-bridged macrocyclic Schiff base complexes. Inorganic Chemistry, 1991, 30, 3454-3461.	1.9	82
45	8-Oxo-7,8-dihydroguanine in the Context of a Gene Promoter G-Quadruplex Is an Onâ€"Off Switch for Transcription. ACS Chemical Biology, 2017, 12, 2417-2426.	1.6	82
46	Conformation-specific detection of guanine in DNA: ends, mismatches, bulges and loops. Journal of the American Chemical Society, 1992, 114, 322-325.	6.6	80
47	Human NEIL3 is mainly a monofunctional DNA glycosylase removing spiroimindiohydantoin and guanidinohydantoin. DNA Repair, 2013, 12, 1159-1164.	1.3	80
48	Recognition and Removal of Oxidized Guanines in Duplex DNA by the Base Excision Repair Enzymes hOGG1, yOGG1, and yOGG2â€. Biochemistry, 2003, 42, 11373-11381.	1.2	76
49	Characterization of 2â€²-deoxyguanosine oxidation products observed in the Fenton-like system Cu(ii)/H2O2/reductant in nucleoside and oligodeoxynucleotide contexts. Organic and Biomolecular Chemistry, 2011, 9, 3338.	1.5	74
50	Unzipping Kinetics of Duplex DNA Containing Oxidized Lesions in an Î±-Hemolysin Nanopore. Journal of the American Chemical Society, 2012, 134, 11006-11011.	6.6	74
51	Identification of DNA lesions using a third base pair for amplification and nanopore sequencing. Nature Communications, 2015, 6, 8807.	5.8	71
52	Nanopore Detection of 8-Oxoguanine in the Human Telomere Repeat Sequence. ACS Nano, 2015, 9, 4296-4307.	7.3	71
53	Structure and potential mutagenicity of new hydantoin products from guanosine and 8-oxo-7,8-dihydroguanine oxidation by transition metals.. Environmental Health Perspectives, 2002, 110, 713-717.	2.8	70
54	Structural Context Effects in the Oxidation of 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine to Hydantoin Products: Electrostatics, Base Stacking, and Base Pairing. Journal of the American Chemical Society, 2012, 134, 15091-15102.	6.6	70

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55	On the irrelevancy of hydroxyl radical to DNA damage from oxidative stress and implications for epigenetics. Chemical Society Reviews, 2020, 49, 6524-6528.	18.7	68
56	Alkene Epoxidation Using Ni(II) Complexes of Chiral Cyclams. Tetrahedron Letters, 1988, 29, 877-880.	0.7	66
57	Gel electrophoretic detection of 7,8-dihydro-8-oxoguanine and 7, 8- dihydro-8-oxoadenine via oxidation by Ir (IV). Nucleic Acids Research, 1998, 26, 2247-2249.	6.5	65
58	Spermine Participates in Oxidative Damage of Guanosine and 8-Oxoguanosine Leading to Deoxyribosylurea Formation. Journal of the American Chemical Society, 2004, 126, 9540-9541.	6.6	65
59	Reconciliation of Chemical, Enzymatic, Spectroscopic and Computational Data To Assign the Absolute Configuration of the DNA Base Lesion Spiroiminodihydantoin. Journal of the American Chemical Society, 2013, 135, 18191-18204.	6.6	64
60	Efficient UV-induced charge separation and recombination in an 8-oxoguanine-containing dinucleotide. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11612-11617.	3.3	64
61	Oxidatively Induced DNAâˆ'Protein Cross-Linking between Single-Stranded Binding Protein and Oligodeoxynucleotides Containing 8-Oxo-7,8-dihydro-2â€˜-deoxyguanosineâ€. Biochemistry, 2005, 44, 5660-5671.	1.2	62
62	A Prebiotic Role for 8-Oxoguanosine as a Flavin Mimic in Pyrimidine Dimer Photorepair. Journal of the American Chemical Society, 2011, 133, 14586-14589.	6.6	62
63	Single-molecule investigation of G-quadruplex folds of the human telomere sequence in a protein nanocavity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14325-14331.	3.3	62
64	Targeting the DNA Cleavage Activity of Copper Phenanthroline and Clip-Phen to AÂ·T Tracts via Linkage to a Poly-N-methylpyrrole. Bioconjugate Chemistry, 2000, 11, 892-900.	1.8	61
65	DNA modification promoted by water-soluble nickel(II) salen complexes: A switch to DNA alkylation. Journal of Inorganic Biochemistry, 1994, 54, 199-206.	1.5	56
66	Structural Effects in Novel Steroidal Polyamine-DNA Binding. Journal of the American Chemical Society, 1994, 116, 12077-12078.	6.6	56
67	Base-Excision Repair Activity of Uracil-DNA Glycosylase Monitored Using the Latch Zone of Î±-Hemolysin. Journal of the American Chemical Society, 2013, 135, 19347-19353.	6.6	56
68	Human DNA Repair Genes Possess Potential G-Quadruplex Sequences in Their Promoters and 5â€²-Untranslated Regions. Biochemistry, 2018, 57, 991-1002.	1.2	55
69	A nickel complex cleaves uridine in folded RNA structures: application to E. coli tmRNA and related engineered molecules. Journal of Molecular Biology, 1998, 279, 577-587.	2.0	54
70	Repair of Hydantoin Lesions and Their Amine Adducts in DNA by Base and Nucleotide Excision Repair. Journal of the American Chemical Society, 2013, 135, 13851-13861.	6.6	53
71	Substituent effects on the aliphatic Claisen rearrangements. 2. Theoretical analysis. Journal of the American Chemical Society, 1981, 103, 6984-6986.	6.6	52
72	Synthesis of a chiral dioxo-cyclam derived from L-phenylalanine and its application to olefin oxidation chemistry. Tetrahedron Letters, 1988, 29, 5091-5094.	0.7	50

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73	Cytosine-specific chemical probing of DNA using bromide and monoperoxysulfate. Nucleic Acids Research, 1996, 24, 5062-5063.	6.5	50
74	Nickel Complexes as Antioxidants. Inhibition of Aldehyde Autoxidation by Nickel(II) Tetraazamacrocycles. Inorganic Chemistry, 1996, 35, 6632-6633.	1.9	49
75	Interactions of the Human Telomere Sequence with the Nanocavity of the Î±-Hemolysin Ion Channel Reveal Structure-Dependent Electrical Signatures for Hybrid Folds. Journal of the American Chemical Society, 2013, 135, 8562-8570.	6.6	49
76	Human <i>NEIL3</i> Gene Expression Regulated by Epigenetic-Like Oxidative DNA Modification. Journal of the American Chemical Society, 2019, 141, 11036-11049.	6.6	49
77	Mechanism-Based DNAâ˘'Protein Cross-Linking of MutY via Oxidation of 8-Oxoguanosine. Journal of the American Chemical Society, 1999, 121, 9901-9902.	6.6	48
78	Hydroxylation, Epoxidation, and DNA Cleavage Reactions Mediated by the Biomimetic Mn-TMPyP/O2/Sulfite Oxidation Systemâ€. Inorganic Chemistry, 1999, 38, 4123-4127.	1.9	47
79	Effect of the Oxidized Guanosine Lesions Spiroiminodihydantoin and Guanidinohydantoin on Proofreading byEscherichia coliDNA Polymerase I (Klenow Fragment) in Different Sequence Contextsâ€. Biochemistry, 2003, 42, 13008-13018.	1.2	47
80	5-Carboxamido-5-formamido-2-iminohydantoin, in Addition to 8-oxo-7,8-Dihydroguanine, Is the Major Product of the Iron-Fenton or X-ray Radiation-Induced Oxidation of Guanine under Aerobic Reducing Conditions in Nucleoside and DNA Contexts. Journal of Organic Chemistry, 2015, 80, 6996-7007.	1.7	47
81	Metal-mediated oxidation of guanines in DNA and RNA: a comparison of cobalt(II), nickel(II) and copper(II) complexes. Inorganica Chimica Acta, 1996, 251, 193-199.	1.2	46
82	Exploration of Mechanisms for the Transformation of 8-Hydroxy Guanine Radical to FAPyG by Density Functional Theory. Chemical Research in Toxicology, 2007, 20, 432-444.	1.7	46
83	Nanopore Dwell Time Analysis Permits Sequencing and Conformational Assignment of Pseudouridine in SARS-CoV-2. ACS Central Science, 2021, 7, 1707-1717.	5.3	46
84	(Template)2 synthesis of a dinucleating macrocyclic ligand and crystal structure of its dicopper(II) imidazolate complex. Journal of the American Chemical Society, 1989, 111, 9278-9279.	6.6	45
85	Mechanism of Two-Electron Oxidation of Deoxyguanosine 5â€˜-Monophosphate by a Platinum(IV) Complex. Journal of the American Chemical Society, 2004, 126, 591-598.	6.6	45
86	Oxidative Modification of the Potential G-Quadruplex Sequence in the <i>PCNA</i> Gene Promoter Can Turn on Transcription. Chemical Research in Toxicology, 2019, 32, 437-446.	1.7	45
87	Location dependence of the transcriptional response of a potential G-quadruplex in gene promoters under oxidative stress. Nucleic Acids Research, 2019, 47, 5049-5060.	6.5	44
88	Nickel-Based Probes of Nucleic Acid Structure Bind to Guanine N7 but Do Not Perturb a Dynamic Equilibrium of Extrahelical Guanine Residues. Journal of the American Chemical Society, 1998, 120, 3284-3288.	6.6	43
89	The oxidative DNA glycosylases of Mycobacterium tuberculosis exhibit different substrate preferences from their Escherichia coli counterparts. DNA Repair, 2010, 9, 177-190.	1.3	43
90	Nickel-Dependent Oxidative Cross-Linking of a Protein. Chemical Research in Toxicology, 1997, 10, 302-309.	1.7	42

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91	Mechanistic Information on the Redox Cycling of Nickel(II/III) Complexes in the Presence of Sulfur Oxides and Oxygen. Correlation with DNA Damage Experiments. Inorganic Chemistry, 1999, 38, 3500-3505.	1.9	42
92	Base Flipping within the Î±-Hemolysin Latch Allows Single-Molecule Identification of Mismatches in DNA. Journal of the American Chemical Society, 2016, 138, 594-603.	6.6	42
93	A primer extension assay for modification of guanine by Ni(II) complexes. Nucleic Acids Research, 1993, 21, 5524-5525.	6.5	39
94	Colocalization of m⁶A and G-Quadruplex-Forming Sequences in Viral RNA (HIV, Zika,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 ACS Central Science, 2019, 5, 218-228.	5.3	39
95	Case studies on potential G-quadruplex-forming sequences from the bacterial orders Deinococcales and Thermales derived from a survey of published genomes. Scientific Reports, 2018, 8, 15679.	1.6	38
96	Synthesis of all optically active spermine macrocycle, (S)-6-(hydroxymethyl)-1,5,10,14-tetraazacyclooctadecane, and its complexation to ATP. Tetrahedron Letters, 1986, 27, 5943-5946.	0.7	37
97	Complexation of ATP to a Synthetic [15]-N3 Macrocyclic Polyammonium Receptor. Tetrahedron Letters, 1988, 29, 6231-6234.	0.7	37
98	Crystal Structure of a Replicative DNA Polymerase Bound to the Oxidized Guanine Lesion Guanidinohydantoin [,]. Biochemistry, 2010, 49, 2502-2509.	1.2	37
99	Sequence-Specific Single-Molecule Analysis of 8-Oxo-7,8-dihydroguanine Lesions in DNA Based on Unzipping Kinetics of Complementary Probes in Ion Channel Recordings. Journal of the American Chemical Society, 2011, 133, 14778-14784.	6.6	37
100	Catalysis of aryl-halogen exchange by nickel(II) complexes using sodium hypochlorite. Journal of Organic Chemistry, 1991, 56, 1344-1346.	1.7	36
101	Human endonuclease VIII-like (NEIL) proteins in the giant DNA Mimivirus. DNA Repair, 2007, 6, 1629-1641.	1.3	36
102	Guanine versus deoxyribose damage in DNA oxidation mediated by vanadium(IV) and vanadium(V) complexes. Journal of Biological Inorganic Chemistry, 2001, 6, 100-106.	1.1	35
103	Rates of Chemical Cleavage of DNA and RNA Oligomers Containing Guanine Oxidation Products. Chemical Research in Toxicology, 2015, 28, 1292-1300.	1.7	35
104	Dynamics of a DNA Mismatch Site Held in Confinement Discriminate Epigenetic Modifications of Cytosine. Journal of the American Chemical Society, 2017, 139, 2750-2756.	6.6	34
105	Computational Study of Oxidation of Guanine by Singlet Oxygen (¹Î”_g) and Formation of Guanine:Lysine Crossâ€Links. Chemistry - A European Journal, 2017, 23, 5804-5813.	1.7	34
106	The Sal-XH Motif for Metal-Mediated Oxidative DNAâˆ'Peptide Cross-Linking. Journal of the American Chemical Society, 1999, 121, 6956-6957.	6.6	33
107	Plant and fungal Fpg homologs are formamidopyrimidine DNA glycosylases but not 8-oxoguanine DNA glycosylases. DNA Repair, 2009, 8, 643-653.	1.3	33
108	Unfolding Kinetics of the Human Telomere i-Motif Under a 10 pN Force Imposed by the Î±-Hemolysin Nanopore Identify Transient Folded-State Lifetimes at Physiological pH. Journal of the American Chemical Society, 2015, 137, 9053-9060.	6.6	32

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109	Sequencing of DNA Lesions Facilitated by Site-Specific Excision via Base Excision Repair DNA Glycosylases Yielding Ligatable Gaps. Journal of the American Chemical Society, 2016, 138, 491-494.	6.6	32
110	Human Telomere G-Quadruplexes with Five Repeats Accommodate 8-Oxo-7,8-dihydroguanine by Looping out the DNA Damage. ACS Chemical Biology, 2016, 11, 500-507.	1.6	32
111	Effect of Oxidative Damage on Charge and Spin Transport in DNA. Journal of the American Chemical Society, 2019, 141, 123-126.	6.6	32
112	Photoinduced Electron Transfer in DNA: Charge Shift Dynamics Between 8-Oxo-Guanine Anion and Adenine. Journal of Physical Chemistry B, 2015, 119, 7491-7502.	1.2	31
113	Oxidative stress-mediated epigenetic regulation by G-quadruplexes. NAR Cancer, 2021, 3, zcab038.	1.6	31
114	The <i>RAD17</i> Promoter Sequence Contains a Potential Tail-Dependent G-Quadruplex That Downregulates Gene Expression upon Oxidative Modification. ACS Chemical Biology, 2018, 13, 2577-2584.	1.6	30
115	Unusual Structural Features of Hydantoin Lesions Translate into Efficient Recognition by Escherichia coli Fpg. Biochemistry, 2007, 46, 9355-9365.	1.2	29
116	Internal vs Fishhook Hairpin DNA: Unzipping Locations and Mechanisms in the Î±-Hemolysin Nanopore. Journal of Physical Chemistry B, 2014, 118, 12873-12882.	1.2	29
117	Unraveling the 4n â˜' 1 rule for DNA i-motif stability: base pairs vs. loop lengths. Organic and Biomolecular Chemistry, 2018, 16, 4537-4546.	1.5	29
118	Synthesis and DNA binding properties of C3-, C12-, and C24- substituted amino-steroids derived from bile acids. Bioorganic and Medicinal Chemistry, 1995, 3, 823-838.	1.4	28
119	Structural Destabilization of DNA Duplexes Containing Single-Base Lesions Investigated by Nanopore Measurements. Biochemistry, 2013, 52, 7870-7877.	1.2	28
120	UV-Induced Proton-Coupled Electron Transfer in Cyclic DNA Miniduplexes. Journal of the American Chemical Society, 2016, 138, 7395-7401.	6.6	28
121	Bromination of pyrimidines using bromide and monoperoxysulfate: A competition study between cytidine, uridine and thymidine. Tetrahedron Letters, 1997, 38, 2805-2808.	0.7	27
122	Mechanistic Aspects of the Formation of Guanidinohydantoin from Spiroiminodihydantoin under Acidic Conditions. Chemical Research in Toxicology, 2009, 22, 526-535.	1.7	27
123	Whence Flavins? Redox-Active Ribonucleotides Link Metabolism and Genome Repair to the RNA World. Accounts of Chemical Research, 2012, 45, 2151-2159.	7.6	27
124	pH-Dependent Equilibrium between 5-Guanidinohydantoin and Iminoallantoin Affects Nucleotide Insertion Opposite the DNA Lesion. Journal of Organic Chemistry, 2016, 81, 351-359.	1.7	27
125	Unzipping of A-Form DNA-RNA, A-Form DNA-PNA, and B-Form DNA-DNA in the Î±-Hemolysin Nanopore. Biophysical Journal, 2016, 110, 306-314.	0.2	26
126	Î³-Hemolysin Nanopore Is Sensitive to Guanine-to-Inosine Substitutions in Double-Stranded DNA at the Single-Molecule Level. Journal of the American Chemical Society, 2018, 140, 14224-14234.	6.6	26

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127	RNA polymerase II stalls on oxidative DNA damage via a torsion-latch mechanism involving lone pairâ€"Ï€ and CHâ€"Ï€ interactions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9338-9348.	3.3	26
128	Nickel Complexes of Cysteine- and Cystine-Containing Peptides:Â Spontaneous Formation of Disulfide-Bridged Dimers at Neutral pH. Inorganic Chemistry, 1998, 37, 5358-5363.	1.9	25
129	Iron Fenton oxidation of 2â€²-deoxyguanosine in physiological bicarbonate buffer yields products consistent with the reactive oxygen species carbonate radical anion not the hydroxyl radical. Chemical Communications, 2020, 56, 9779-9782.	2.2	25
130	Electronic Structure of DNA - Unique Properties of 8-Oxoguanosine. Journal of the American Chemical Society, 2009, 131, 89-95.	6.6	24
131	Single-Molecule Titration in a Protein Nanoreactor Reveals the Protonation/Deprotonation Mechanism of a C:C Mismatch in DNA. Journal of the American Chemical Society, 2018, 140, 5153-5160.	6.6	24
132	Rapid Screen of Potential i-Motif Forming Sequences in DNA Repair Gene Promoters. ACS Omega, 2018, 3, 9630-9635.	1.6	24
133	In Vitro Ligation of Oligodeoxynucleotides Containing C8-Oxidized Purine Lesions Using Bacteriophage T4 DNA Ligaseâ€. Biochemistry, 2007, 46, 3734-3744.	1.2	23
134	Comparison of transition metal-mediated oxidation reactions of guanine in nucleoside and single-stranded oligodeoxynucleotide contexts. Inorganica Chimica Acta, 2011, 369, 240-246.	1.2	23
135	Unusual Isothermal Hysteresis in DNA i-Motif pHÂTransitions: A Study of the RAD17 Promoter Sequence. Biophysical Journal, 2018, 114, 1804-1815.	0.2	23
136	Structural Elucidation of Bisulfite Adducts to Pseudouridine That Result in Deletion Signatures during Reverse Transcription of RNA. Journal of the American Chemical Society, 2019, 141, 16450-16460.	6.6	23
137	Synthesis of novel macrobicyclic polyfunctional cryptands. Tetrahedron Letters, 1985, 26, 215-218.	0.7	22
138	Preparation of primary vicinal diamines from amino acid esters and crystal structure of a chiral nickel salen complex. Tetrahedron Letters, 1993, 34, 1905-1908.	0.7	22
139	Temperature and Electrolyte Optimization of the Î±-Hemolysin Latch Sensing Zone for Detection of Base Modification in Double-Stranded DNA. Biophysical Journal, 2014, 107, 924-931.	0.2	22
140	Oxidative DNA damage from sulfite autoxidation catalyzed by manganese(III). Comptes Rendus Chimie, 2002, 5, 461-466.	0.2	21
141	The Cys-Xaa-His metal-binding motif: {N} versus {S} coordination and nickel-mediated formation of cysteinyl sulfinic acid. Journal of Biological Inorganic Chemistry, 2003, 8, 601-610.	1.1	21
142	Detection of benzo[a]pyrene-guanine adducts in single-stranded DNA using the<i>Î±</i>-hemolysin nanopore. Nanotechnology, 2015, 26, 074002.	1.3	21
143	Reverse Transcription Past Products of Guanine Oxidation in RNA Leads to Insertion of A and C opposite 8-Oxo-7,8-dihydroguanine and A and G opposite 5-Guanidinohydantoin and Spiroiminodihydantoin Diastereomers. Biochemistry, 2017, 56, 5053-5064.	1.2	21
144	Nickel and Cobalt Reagents Promote Selective Oxidation of Z-DNAâ€. Biochemistry, 1999, 38, 16648-16654.	1.2	20

#	Article	IF	Citations
145	Kinetics of T3-DNA Ligase-Catalyzed Phosphodiester Bond Formation Measured Using the Î±-Hemolysin Nanopore. ACS Nano, 2016, 10, 11127-11135.	7.3	20
146	The Fifth Domain in the G-Quadruplex-Forming Sequence of the Human <i>NEIL3</i> Promoter Locks DNA Folding in Response to Oxidative Damage. Biochemistry, 2018, 57, 2958-2970.	1.2	20
147	Selective Association between a Macrocyclic Nickel Complex and Extrahelical Guanine Residuesâ€. Biochemistry, 1999, 38, 15034-15042.	1.2	19
148	Effect of an Electrolyte Cation on Detecting DNA Damage with the Latch Constriction of Î±-Hemolysin. Journal of Physical Chemistry Letters, 2014, 5, 3781-3786.	2.1	19
149	Synthesis of a Metallopeptideâ˜'PNA Conjugate and Its Oxidative Cross-Linking to a DNA Target. Bioconjugate Chemistry, 2005, 16, 178-183.	1.8	18
150	Ultrafast Excited-State Dynamics and Vibrational Cooling of 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine in D₂O. Journal of Physical Chemistry A, 2013, 117, 12851-12857.	1.1	18
151	Crystal Structure of DNA Polymerase Î² with DNA Containing the Base Lesion Spiroiminodihydantoin in a Templating Position. Biochemistry, 2014, 53, 2075-2077.	1.2	18
152	Differentiation of G:C <i>vs</i> A:T and G:C <i>vs</i> G:mC Base Pairs in the Latch Zone of Î±-Hemolysin. ACS Nano, 2015, 9, 11325-11332.	7.3	18
153	8-Oxo-7,8-dihydro-2â€²-deoxyguanosine and abasic site tandem lesions are oxidation prone yielding hydantoin products that strongly destabilize duplex DNA. Organic and Biomolecular Chemistry, 2017, 15, 8341-8353.	1.5	18
154	Potential G-Quadruplex Forming Sequences and <i>N</i>⁶-Methyladenosine Colocalize at Human Pre-mRNA Intron Splice Sites. ACS Chemical Biology, 2020, 15, 1292-1300.	1.6	18
155	Dioxygen chemistry of nickel(II) dioxopentaazamacrocyclic complexes: Substituent and medium effects. Journal of Molecular Catalysis A, 1996, 113, 379-391.	4.8	17
156	Photorepair of cyclobutane pyrimidine dimers by 8â€oxopurine nucleosides. Journal of Physical Organic Chemistry, 2012, 25, 574-577.	0.9	17
157	Binding of AP Endonuclease-1 to G-Quadruplex DNA Depends on the N-Terminal Domain, Mg²⁺, and Ionic Strength. ACS Bio & Med Chem Au, 2021, 1, 44-56.	1.7	17
158	Synthesis and Characterization of the Oxidized dGTP Lesions Spiroiminodihydantoin-2â€˜-deoxynucleoside-5â€˜- triphosphate and Guanidinohydantoin-2â€˜-deoxynucleoside-5â€˜- triphosphate. Journal of Organic Chemistry, 2006, 71, 2181-2184.	1.7	16
159	Spirodi(iminohydantoin) Products from Oxidation of 2â€²-Deoxyguanosine in the Presence of NH₄Cl in Nucleoside and Oligodeoxynucleotide Contexts. Journal of Organic Chemistry, 2015, 80, 711-721.	1.7	16
160	Computational Study of the Radical Mediated Mechanism of the Formation of C8, C5, and C4 Guanine:Lysine Adducts in the Presence of the Benzophenone Photosensitizer. Chemical Research in Toxicology, 2016, 29, 1396-1409.	1.7	16
161	Formation of Tricyclic [4.3.3.0] Adducts between 8-Oxoguanosine and Tyrosine under Conditions of Oxidative DNAâ˜'Protein Cross-Linking. Journal of the American Chemical Society, 2008, 130, 10080-10081.	6.6	15
162	Single-Molecule Analysis of Thymine Dimer-Containing G-Quadruplexes Formed from the Human Telomere Sequence. Biochemistry, 2014, 53, 7484-7493.	1.2	15

#	Article	IF	Citations
163	Guanine Oxidation Product 5-Carboxamido-5-formamido-2-iminohydantoin Induces Mutations When Bypassed by DNA Polymerases and Is a Substrate for Base Excision Repair. Chemical Research in Toxicology, 2015, 28, 1861-1871.	1.7	15
164	Oxidative Modification of Guanine in a Potential Z-DNA-Forming Sequence of a Gene Promoter Impacts Gene Expression. Chemical Research in Toxicology, 2019, 32, 899-909.	1.7	15
165	Endonuclease and exonuclease activities on oligodeoxynucleotides containing spiroiminodihydantoin depend on the sequence context and the lesion stereochemistry. New Journal of Chemistry, 2013, 37, 3440.	1.4	13
166	Electrical Current Signatures of DNA Base Modifications in Single Molecules Immobilized in the Î±â€Hemolysin Ion Channel. Israel Journal of Chemistry, 2013, 53, 417-430.	1.0	13
167	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
168	Hydrophobic vs coulombic interactions in the binding of steroidal polyamines to DNA. , 1996, 9, 143-148.		12
169	8-Oxoguanosine Switches Modulate the Activity of Alkylated siRNAs by Controlling Steric Effects in the Major versus Minor Grooves. Journal of the American Chemical Society, 2011, 133, 6343-6351.	6.6	12
170	Modulation of the current signatures of DNA abasic site adducts in the Î±-hemolysin ion channel. Chemical Communications, 2012, 48, 11410.	2.2	12
171	Promiscuous 8-Alkoxyadenosines in the Guide Strand of an SiRNA: Modulation of Silencing Efficacy and Off-Pathway Protein Binding. Journal of the American Chemical Society, 2012, 134, 17643-17652.	6.6	12
172	Computational studies of electronic circular dichroism spectra predict absolute configuration assignments for the guanine oxidation product 5-carboxamido-5-formamido-2-iminohydantoin. Tetrahedron Letters, 2015, 56, 3191-3196.	0.7	12
173	Solvation Effects in Organic Chemistry. Journal of Organic Chemistry, 2022, 87, 1599-1601.	1.7	11
174	Formation of trans-3-hydroxy-4-phenylbutyrolactone from trans-styrylacetic acid and aqueous KHSO5. Tetrahedron Letters, 1999, 40, 2069-2070.	0.7	10
175	Synthesis of <i>N</i>²-Alkyl-8-oxo-7,8-dihydro-2â€²-deoxyguanosine Derivatives and Effects of These Modifications on RNA Duplex Stability. Journal of Organic Chemistry, 2011, 76, 720-723.	1.7	10
176	Design of cholic acid macrocycles as hosts for molecular recognition of monosaccharides. Computational and Theoretical Chemistry, 1995, 334, 193-205.	1.5	9
177	Surviving an Oxygen Atmosphere: DNA Damage and Repair. ACS Symposium Series, 2010, 2009, 147-156.	0.5	9
178	Holy Grails in Chemistry, Part II. Accounts of Chemical Research, 2017, 50, 445-445.	7.6	9
179	Cruciform DNA Sequences in Gene Promoters Can Impact Transcription upon Oxidative Modification of 2â€²-Deoxyguanosine. Biochemistry, 2020, 59, 2616-2626.	1.2	9
180	Reactivity of Bulged Bases in Duplex DNA with Redox-active Nickel and Cobalt Complexes. Supramolecular Chemistry, 2002, 14, 121-126.	1.5	8

#	Article	IF	Citations
181	Copper/H₂O₂-Mediated Oxidation of 2â€²-Deoxyguanosine in the Presence of 2-Naphthol Leads to the Formation of Two Distinct Isomeric Adducts. Journal of Organic Chemistry, 2011, 76, 7953-7963.	1.7	8
182	Origins of Chemical Evolution. Accounts of Chemical Research, 2012, 45, 2023-2024.	7.6	8
183	Energetics of base flipping at a DNA mismatch site confined at the latch constriction of Î±-hemolysin. Faraday Discussions, 2016, 193, 471-485.	1.6	8
184	Interrogation of Base Pairing of the Spiroiminodihydantoin Diastereomers Using the Î±-Hemolysin Latch. Biochemistry, 2017, 56, 1596-1603.	1.2	8
185	Chemistry of ROS-Mediated Oxidation to the Guanine Base in DNA and its Biological Consequences. International Journal of Radiation Biology, 2021, , 1-24.	1.0	8
186	Design of cholic acid hosts for molecular recognition of monosaccharides using systematic conformational searching. Computational and Theoretical Chemistry, 1994, 308, 159-174.	1.5	7
187	Sequencing DNA for the Oxidatively Modified Base 8-Oxo-7,8-Dihydroguanine. Methods in Enzymology, 2017, 591, 187-210.	0.4	7
188	Computational Study of the Formation of C8, C5, and C4 Guanine:Lysine Adducts via Oxidation of Guanine by Sulfate Radical Anion. Journal of Physical Chemistry A, 2019, 123, 5150-5163.	1.1	7
189	Solving 21st Century Problems in Biological Inorganic Chemistry Using Synthetic Models. Accounts of Chemical Research, 2015, 48, 2659-2660.	7.6	6
190	Impact of DNA Oxidation on Toxicology: From Quantification to Genomics. Chemical Research in Toxicology, 2019, 32, 345-347.	1.7	6
191	Collateral Damage Occurs When Using Photosensitizer Probes to Detect or Modulate Nucleic Acid Modifications. Angewandte Chemie - International Edition, 2022, 61, e202110649.	7.2	6
192	Oxidation of 9-Î²-d-ribofuranosyl uric acid by one-electron oxidants versus singlet oxygen and its implications for the oxidation of 8-oxo-7,8-dihydroguanosine. Tetrahedron Letters, 2011, 52, 2176-2180.	0.7	5
193	Singleâ€molecule detection of a guanine(C8)â€thymine(N3) crossâ€link using ion channel recording. Journal of Physical Organic Chemistry, 2014, 27, 247-251.	0.9	5
194	Nanopore Analysis of the 5-Guanidinohydantoin to Iminoallantoin Isomerization in Duplex DNA. Journal of Organic Chemistry, 2018, 83, 3973-3978.	1.7	5
195	Characterization of G-Quadruplexes in <i>Chlamydomonas reinhardtii</i> and the Effects of Polyamine and Magnesium Cations on Structure and Stability. Biochemistry, 2018, 57, 6551-6561.	1.2	5
196	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
197	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
198	Identification of the Major Product of Guanine Oxidation in DNA by Ozone. Chemical Research in Toxicology, 2022, 35, 1809-1813.	1.7	5

#	Article	IF	Citations
199	Î±-Hemolysin nanopore studies reveal strong interactions between biogenic polyamines and DNA hairpins. Mikrochimica Acta, 2016, 183, 973-979.	2.5	4
200	50 Years of Accounts. Accounts of Chemical Research, 2017, 50, 1-1.	7.6	4
201	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
202	Hysteresis in polyâ€2â€²â€deoxycytidine iâ€motif folding is impacted by the method of analysis as well as loop and stem lengths. Biopolymers, 2021, 112, e23389.	1.2	4
203	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
204	Riboflavin Stabilizes Abasic, Oxidized G-Quadruplex Structures. Biochemistry, 2022, 61, 265-275.	1.2	3
205	Dinuclear nickel complexes as models for the enzyme urease.. Journal of Inorganic Biochemistry, 1991, 43, 661.	1.5	2
206	Ribozyme takes its vitamins. Nature Chemistry, 2013, 5, 900-901.	6.6	2
207	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
208	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
209	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
210	Alkylation of DNA using nickel salen complexes.. Journal of Inorganic Biochemistry, 1993, 51, 543.	1.5	1
211	Evolution of Accounts. Accounts of Chemical Research, 2016, 49, 1-2.	7.6	1
212	Accounts: 50 Years of a Great Idea. Accounts of Chemical Research, 2018, 51, 1-2.	7.6	1
213	Synthesis of Site-Specific Crown Ether Adducts to DNA Abasic Sites: 8-Oxo-7,8-Dihydro-2â€²-Deoxyguanosine and 2â€²-Deoxycytidine. Methods in Molecular Biology, 2019, 1973, 15-25.	0.4	1
214	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1
215	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
216	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1

#	Article	IF	Citations
217	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
218	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
219	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
220	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
221	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
222	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
223	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
224	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
225	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
226	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
227	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
228	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
229	Mechanistic studies of DNA and RNA oxidation by macrocyclic nickel complexes.. Journal of Inorganic Biochemistry, 1993, 51, 517.	1.5	0
230	Finding needles in DNA stacks. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16010-16011.	3.3	0
231	Choreographing DNA. , 2011, , 165-176.		0
232	Changes Afoot!. Accounts of Chemical Research, 2015, 48, 153-153.	7.6	0
233	8-OxoG Formation: Impact in Gene Promoters on Transcription and Mapping Studies. Free Radical Biology and Medicine, 2018, 128, S10.	1.3	0
234	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0

#	Article	IF	Citations
235	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
236	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
237	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
238	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
239	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
240	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
241	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0
242	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
243	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
244	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
245	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
246	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
247	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
248	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
249	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
250	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
251	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
252	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0

#	Article	IF	Citations
253	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
254	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0
255	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
256	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0
257	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
258	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
259	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0
260	Welcoming Our New Sister Journal, Accounts of Materials Research. Accounts of Chemical Research, 2020, 53, 2495-2495.	7.6	0
261	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642.	1.2	0
262	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.0	0
263	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
264	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
265	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0
266	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
267	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
268	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
269	Key References: A New Feature of <i>Accounts</i>. Accounts of Chemical Research, 2020, 53, 1101-1101.	7.6	0
270	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0

#	Article	IF	Citations
271	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
272	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
273	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
274	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
275	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
276	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
277	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
278	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
279	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
280	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
281	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
282	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
283	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0
284	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
285	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
286	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
287	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
288	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0

#	Article	IF	Citations
289	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
290	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
291	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
292	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
293	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0
294	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
295	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
296	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
297	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
298	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
299	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0
300	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	1.8	0
301	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0
302	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
303	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
304	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
305	First Accounts: The Capstone of a Tenure Tour. Accounts of Chemical Research, 2020, 53, 1003-1004.	7.6	0
306	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0

#	Article	IF	Citations
307	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007.	1.2	0
308	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0
309	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
310	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
311	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0
312	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
313	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
314	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
315	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0
316	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
317	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0
318	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0
319	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
320	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0
321	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
322	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
323	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
324	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0

#	Article	IF	Citations
325	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
326	Kool chemistry of <scp>DNA</scp> and <scp>RNA</scp> biopolymers. Biopolymers, 2021, 112, e23417.	1.2	0
327	Deciphering nucleic acid knots. Nature Chemistry, 2021, 13, 618-619.	6.6	0
328	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0
329	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
330	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
331	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
332	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
333	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
334	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
335	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
336	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
337	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
338	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
339	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0
340	Fluorophoreâ€mediated photooxidation of the guanine heterocycle. Journal of Physical Organic Chemistry, 0, , .	0.9	0
341	Collateral Damage Occurs When Using Photosensitizer Probes to Detect or Modulate Nucleic Acid Modifications. Angewandte Chemie, 2022, 134, .	1.6	0
342	Response to â€œHydroxyl radical is predominantly involved in oxidatively generated base damage to cellular DNA exposed to ionizing radiationâ€by Cadet etÂal.. International Journal of Radiation Biology, 0, , 1-1.	1.0	0