

Byeong Hwa Yun

List of Publications by Year in descending order

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27
papers

1,276
citations

331670

21
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1598
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive Effects of Arsenic and Aristolochic Acid in Chemical Carcinogenesis of Upper Urinary Tract Urothelium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 317-325.	2.5	10
2	DNA adducts: Formation, biological effects, and new biospecimens for mass spectrometric measurements in humans. <i>Mass Spectrometry Reviews</i> , 2020, 39, 55-82.	5.4	78
3	Non-invasive detection of urothelial cancer through the analysis of driver gene mutations and aneuploidy. <i>ELife</i> , 2018, 7, .	6.0	118
4	Formalin-Fixed Paraffin-Embedded Tissuesâ€”An Untapped Biospecimen for Biomonitoring DNA Adducts by Mass Spectrometry. <i>Toxics</i> , 2018, 6, 30.	3.7	8
5	Method for Biomonitoring DNA Adducts in Exfoliated Urinary Cells by Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 9943-9950.	6.5	10
6	A Rapid Throughput Method To Extract DNA from Formalin-Fixed Paraffin-Embedded Tissues for Biomonitoring Carcinogenic DNA Adducts. <i>Chemical Research in Toxicology</i> , 2017, 30, 2130-2139.	3.3	19
7	Multiclass Carcinogenic DNA Adduct Quantification in Formalin-Fixed Paraffin-Embedded Tissues by Ultraperformance Liquid Chromatographyâ€”Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 4780-4787.	6.5	30
8	Aristolochic Acid in the Etiology of Renal Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 1600-1608.	2.5	65
9	Biomonitoring DNA Adducts of Cooked Meat Carcinogens in Human Prostate by Nano Liquid Chromatographyâ€”High Resolution Tandem Mass Spectrometry: Identification of 2-Amino-1-methyl-6-phenylimidazo[4,5- <i>b</i>]pyridine DNA Adduct. <i>Analytical Chemistry</i> , 2016, 88, 12508-12515.	6.5	54
10	Aristolochic acid exposure in Romania and implications for renal cell carcinoma. <i>British Journal of Cancer</i> , 2016, 114, 76-80.	6.4	39
11	New approaches for biomonitoring exposure to the human carcinogen aristolochic acid. <i>Toxicology Research</i> , 2015, 4, 763-776.	2.1	21
12	Formalin-fixed paraffin-embedded tissue as a source for quantitation of carcinogen DNA adducts: aristolochic acid as a prototype carcinogen. <i>Carcinogenesis</i> , 2014, 35, 2055-2061.	2.8	25
13	Human Formalin-Fixed Paraffin-Embedded Tissues: An Untapped Specimen for Biomonitoring of Carcinogen DNA Adducts by Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 4251-4258.	6.5	47
14	Mutational Signature of Aristolochic Acid Exposure as Revealed by Whole-Exome Sequencing. <i>Science Translational Medicine</i> , 2013, 5, 197ra102.	12.4	220
15	Generation of Guanineâ€”Thymine Cross-Links in Human Cells by One-Electron Oxidation Mechanisms. <i>Chemical Research in Toxicology</i> , 2013, 26, 1031-1033.	3.3	39
16	Biomonitoring of Aristolactam-DNA Adducts in Human Tissues Using Ultra-Performance Liquid Chromatography/Ion-Trap Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2012, 25, 1119-1131.	3.3	87
17	Generation of Guanineâ€”Thymidine Cross-Links in DNA by Peroxynitrite/Carbon Dioxide. <i>Chemical Research in Toxicology</i> , 2011, 24, 1144-1152.	3.3	40
18	Oneâ€”electron Oxidation of a Pyrenyl Photosensitizer Covalently Attached to DNA and Competition Between its Further Oxidation and DNA Hole Injection. <i>Photochemistry and Photobiology</i> , 2010, 86, 563-570.	2.5	3

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19	The Role of One-Electron Reduction of Lipid Hydroperoxides in Causing DNA Damage. <i>Chemistry - A European Journal</i> , 2009, 15, 10634-10640.	3.3	9
20	Oxidation of Guanine by Carbonate Radicals Derived from Photolysis of Carbonatotetramminecobalt(III) Complexes and the pH Dependence of Intrastrand DNA Cross-Links Mediated by Guanine Radical Reactions. <i>ChemBioChem</i> , 2008, 9, 1985-1991.	2.6	26
21	Photosensitized Oxidative DNA Damage: From Hole Injection to Chemical Product Formation and Strand Cleavage. <i>Journal of the American Chemical Society</i> , 2007, 129, 9321-9332.	13.7	35
22	Mechanisms of Oxidation of Guanine in DNA by Carbonate Radical Anion, a Decomposition Product of Nitrosoperoxy carbonate. <i>Chemistry - A European Journal</i> , 2007, 13, 4571-4581.	3.3	53
23	Binding of meso-Tetrakis(N-methylpyridinium-4-yl)porphyrin to AT Oligomers: Effect of Chain Length and the Location of the Porphyrin Stacking. <i>Biophysical Journal</i> , 2004, 86, 1012-1017.	0.5	36
24	Enantioselective binding of S- and R-ofloxacin to various synthetic polynucleotides. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 18, 197-203.	4.0	25
25	Oxidative Generation of Guanine Radicals by Carbonate Radicals and Their Reactions with Nitrogen Dioxide to Form Site Specific 5-Guanidino-4-nitroimidazole Lesions in Oligodeoxynucleotides. <i>Chemical Research in Toxicology</i> , 2003, 16, 966-973.	3.3	55
26	Simultaneous Binding of Ruthenium(II) [(1,10-Phenanthroline)2dipyridophenazine] ²⁺ and Minor Groove Binder 4',6-Diamidino-2-phenylindole to Poly[d(A-T) ₂] at High Binding Densities: A Observation of Fluorescence Resonance Energy Transfer Across the DNA Stem. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9858-9864.	2.6	57
27	Binding mode of porphyrins to poly[d(A-T) ₂] and poly[d(G-C) ₂]. <i>Biophysical Chemistry</i> , 1998, 70, 1-10.	2.8	67