Rafal Rozalski

List of Publications by Year
in descending order

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48 papers	2,647 citations	147801 31 h-index	243625 44 g-index
49 all docs	49 docs citations	49 times ranked	3589 citing authors

#	Article	IF	Citations
1	Oxidative DNA damage: assessment of the role in carcinogenesis, atherosclerosis, and acquired immunodeficiency syndrome1 1This article is part of a series of reviews on â€œOxidative DNA Damage and Repair.â€•The full list of papers may be found on the homepage of the journal.. Free Radical Biology and Medicine, 2002, 33, 192-200.	2.9	258
2	DNA repair is responsible for the presence of oxidatively damaged DNA lesions in urine. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 574, 58-66.	1.0	174
3	Products of oxidative DNA damage and repair as possible biomarkers of susceptibility to lung cancer. Cancer Research, 2003, 63, 4899-902.	0.9	136
4	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine. Antioxidants and Redox Signaling, 2013, 18, 2377-2391.	5.4	130
5	Toward consensus in the analysis of urinary 8â€oxoâ€7,8â€dihydroâ€2â€²â€deoxyguanosine as a noninvasive biomarker of oxidative stress. FASEB Journal, 2010, 24, 1249-1260.	0.5	126
6	Oxidative stress and 8-oxoguanine repair are enhanced in colon adenoma and carcinoma patients. Mutagenesis, 2010, 25, 463-471.	2.6	113
7	Oxidative DNA damage in cancer patients: a cause or a consequence of the disease development?. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 531, 177-190.	1.0	106
8	Oxidative stress and oxidative DNA damage is characteristic for mixed Alzheimer disease/vascular dementia. Journal of the Neurological Sciences, 2008, 266, 57-62.	0.6	106
9	Persistent oxidative stress in colorectal carcinoma patients. International Journal of Cancer, 2002, 101, 395-397.	5.1	105
10	Urinary excretion of dna repair products correlates with metabolic rates as well as with maximum life spans of different mammalian species. Free Radical Biology and Medicine, 2004, 37, 1449-1454.	2.9	97
11	8-Oxo-7,8-dihydroguanine and 8-oxo-7,8-dihydro-2â€²-deoxyguanosine levels in human urine do not depend on diet. Free Radical Research, 2001, 35, 825-832.	3.3	95
12	Oxidative damage to DNA and antioxidant status in aging and age-related diseases.. Acta Biochimica Polonica, 2007, 54, 11-26.	0.5	74
13	Higher Leukocyte 8-Oxo-7,8-Dihydro-2'-Deoxyguanosine and Lower Plasma Ascorbate in Aging Humans?. Antioxidants and Redox Signaling, 2007, 9, 143-150.	5.4	73
14	Antioxidant vitamins and cancer risk: is oxidative damage to DNA a relevant biomarker?. European Journal of Nutrition, 2008, 47, 19-28.	3.9	72
15	Oxidatively damaged DNA and its repair after experimental exposure to wood smoke in healthy humans. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 642, 37-42.	1.0	70
16	Comparison of Oxidative Stress/DNA Damage in Semen and Blood of Fertile and Infertile Men. PLoS ONE, 2013, 8, e68490.	2.5	69
17	Urinary Measurement of 8-OxodG, 8-OxoGua, and 5HMUra: A Noninvasive Assessment of Oxidative Damage to DNA. Antioxidants and Redox Signaling, 2006, 8, 1011-1019.	5.4	55
18	8â€Oxoâ€7,8â€dihydroguanine and uric acid as efficient predictors of survival in colon cancer patients. International Journal of Cancer, 2014, 134, 376-383.	5.1	55

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19	Effects of basal level of antioxidants on oxidative DNA damage in humans. European Journal of Nutrition, 2007, 46, 174-180.	3.9	54
20	The relationship between 8-oxo-7,8-dihydro-2â€²-deoxyguanosine level and extent of cytosine methylation in leukocytes DNA of healthy subjects and in patients with colon adenomas and carcinomas. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 640, 170-173.	1.0	54
21	Severe oxidatively damaged DNA after cisplatin treatment of cancer patients. International Journal of Cancer, 2006, 119, 2228-2230.	5.1	50
22	Helicobacter pylori infection is associated with oxidatively damaged DNA in human leukocytes and decreased level of urinary 8-oxo-7,8-dihydroguanine. Carcinogenesis, 2006, 27, 405-408.	2.8	45
23	Harmonising measurements of 8-oxo-7,8-dihydro-2â€²-deoxyguanosine in cellular DNA and urine. Free Radical Research, 2012, 46, 541-553.	3.3	45
24	Selenium Supplementation Reduced Oxidative DNA Damage in Adnexectomized BRCA1 Mutations Carriers. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2923-2928.	2.5	44
25	Substantial decrease of urinary 8-oxo-7,8-dihydroguanine, a product of the base excision repair pathway, in DNA glycosylase defective mice. International Journal of Biochemistry and Cell Biology, 2005, 37, 1331-1336.	2.8	41
26	Interlaboratory comparison of methodologies for the measurement of urinary 8-oxo-7,8-dihydro-2â€²-deoxyguanosine. Biomarkers, 2009, 14, 103-110.	1.9	37
27	DNA Damage Products (5â€²R)- and (5â€²S)-8,5â€²-Cyclo-2â€²-deoxyadenosines as Potential Biomarkers in Human Urine for Atherosclerosis. Biochemistry, 2012, 51, 1822-1824.	2.5	37
28	Diet is Not Responsible for the Presence of Several Oxidatively Damaged DNA Lesions in Mouse Urine. Free Radical Research, 2004, 38, 1201-1205.	3.3	35
29	Urinary 5-hydroxymethyluracil and 8-oxo-7,8-dihydroguanine as potential biomarkers in patients with colorectal cancer. Biomarkers, 2015, 20, 287-291.	1.9	34
30	Oxidatively Damaged DNA/Oxidative Stress in Children with Celiac Disease. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 1960-1965.	2.5	33
31	Elevated level of 8â€oxoâ€7,8â€dihydroâ€2â€²â€deoxyguanosine in leukocytes of BRCA1 mutation carriers compared to healthy controls. International Journal of Cancer, 2009, 125, 2209-2213.	5.1	32
32	Small field radiotherapy of head and neck cancer patients is responsible for oxidatively damaged DNA/oxidative stress on the level of a whole organism. International Journal of Cancer, 2008, 123, 1964-1967.	5.1	28
33	Nucleotide excision repair of oxidised genomic DNA is not a source of urinary 8-oxo-7,8-dihydro-2â€²-deoxyguanosine. Free Radical Biology and Medicine, 2016, 99, 385-391.	2.9	26
34	Oxidative damage to DNA and antioxidant status in aging and age-related diseases. Acta Biochimica Polonica, 2007, 54, 11-26.	0.5	25
35	Urinary excretion rates of 8-oxoGua and 8-oxodG and antioxidant vitamins level as a measure of oxidative status in healthy, full-term newborns. Free Radical Research, 2007, 41, 997-1004.	3.3	23
36	Comparison of the Absolute Level of Epigenetic Marks 5-Methylcytosine, 5-Hydroxymethylcytosine, and 5-Hydroxymethyluracil Between Human Leukocytes and Sperm1. Biology of Reproduction, 2014, 91, 55.	2.7	18

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37	Evidence for attenuated cellular 8-oxo-7,8-dihydro-2â€²-deoxyguanosine removal in cancer patients. Biological Chemistry, 2006, 387, 393-400.	2.5	17
38	High Concentrations of Excised Oxidative DNA Lesions in Human Cerebrospinal Fluid. Clinical Chemistry, 2003, 49, 1218-1221.	3.2	14
39	Experimental and Theoretical Screening for Green Solvents Improving Sulfamethizole Solubility. Materials, 2021, 14, 5915.	2.9	13
40	Urinary Measurement of Epigenetic DNA Modifications: A Nonâ€Invasive Assessment of the Wholeâ€Body Epigenetic Status in Healthy Subjects and Colorectal Cancer Patients. ChemistryOpen, 2016, 5, 550-553.	1.9	12
41	Does morphology of carotid plaque depend on patient's oxidative stress?. Clinical Biochemistry, 2013, 46, 1030-1035.	1.9	8
42	The urinary excretion of epigenetically modified DNA as a marker of pediatric ALL status and chemotherapy response. Scientific Reports, 2021, 11, 21345.	3.3	3
43	Diagnostic and Prognostic Power of Active DNA Demethylation Pathway Intermediates in Acute Myelogenous Leukemia and Myelodysplastic Syndromes. Cells, 2022, 11, 888.	4.1	3
44	Mass Spectrometry-Based Analysis of DNA Modifications: Potential Applications in Basic Research and Clinic. Methods in Molecular Biology, 2021, 2198, 27-35.	0.9	2
45	Effects on Markers of Oxidative Stress After Exposure to Wood Smoke Particles. Epidemiology, 2006, 17, S273.	2.7	0
46	Systemowa rÃ³wnowaga antyoksyacyjna u pacjentÃ³w bez klinicznej manifestacji miaÅ¼dÅ¼ycy. Acta Angiologica, 2018, 24, 1-8.	0.1	0
47	MS Analysis of DNA Modifications in Urinary/Body Fluids. Methods in Molecular Biology, 2021, 2198, 109-122.	0.9	0
48	Preparation of Internal Standards for 2D-UPLC-MS/MS Quantification of Noncanonical DNA Bases. Methods in Molecular Biology, 2021, 2198, 123-136.	0.9	0