

Ahmad Besaratinia

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68 papers	2,941 citations	28 h-index	53 g-index
72 ext. papers	3,296 ext. citations	5.5 avg, IF	5.6 L-index

#	Paper	IF	Citations
68	Mutations induced by ultraviolet light. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 571, 19-31	3.3	538
67	UV wavelength-dependent DNA damage and human non-melanoma and melanoma skin cancer. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 90-7	4.2	274
66	A review of mechanisms of acrylamide carcinogenicity. <i>Carcinogenesis</i> , 2007 , 28, 519-28	4.6	150
65	Mutational spectra of human cancer. <i>Human Genetics</i> , 2009 , 125, 493-506	6.3	143
64	Genotoxicity of acrylamide and glycidamide. <i>Journal of the National Cancer Institute</i> , 2004 , 96, 1023-9	9.7	134
63	DNA lesions induced by UV A1 and B radiation in human cells: comparative analyses in the overall genome and in the p53 tumor suppressor gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 10058-63	11.5	121
62	Second-hand smoke and human lung cancer. <i>Lancet Oncology, The</i> , 2008 , 9, 657-66	21.7	102
61	Wavelength dependence of ultraviolet radiation-induced DNA damage as determined by laser irradiation suggests that cyclobutane pyrimidine dimers are the principal DNA lesions produced by terrestrial sunlight. <i>FASEB Journal</i> , 2011 , 25, 3079-91	0.9	95
60	Riboflavin activated by ultraviolet A1 irradiation induces oxidative DNA damage-mediated mutations inhibited by vitamin C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 5953-8	11.5	84
59	G-to-T transversions and small tandem base deletions are the hallmark of mutations induced by ultraviolet a radiation in mammalian cells. <i>Biochemistry</i> , 2004 , 43, 8169-77	3.2	71
58	In vitro recapitulating of TP53 mutagenesis in hepatocellular carcinoma associated with dietary aflatoxin B1 exposure. <i>Gastroenterology</i> , 2009 , 137, 1127-37, 1137.e1-5	13.3	63
57	DNA adduction and mutagenic properties of acrylamide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005 , 580, 31-40	3	63
56	Rapid repair of UVA-induced oxidized purines and persistence of UVB-induced dipyrimidine lesions determine the mutagenicity of sunlight in mouse cells. <i>FASEB Journal</i> , 2008 , 22, 2379-92	0.9	59
55	Weak yet distinct mutagenicity of acrylamide in mammalian cells. <i>Journal of the National Cancer Institute</i> , 2003 , 95, 889-96	9.7	53
54	Alterations of DNA methylome in human bladder cancer. <i>Epigenetics</i> , 2013 , 8, 1013-22	5.7	50
53	Investigating human cancer etiology by DNA lesion footprinting and mutagenicity analysis. <i>Carcinogenesis</i> , 2006 , 27, 1526-37	4.6	47
52	Sunlight ultraviolet irradiation and BRAF V600 mutagenesis in human melanoma. <i>Human Mutation</i> , 2008 , 29, 983-91	4.7	39

51	Lack of mutagenicity of acrolein-induced DNA adducts in mouse and human cells. <i>Cancer Research</i> , 2007 , 67, 11640-7	10.1	39
50	Effects of oral administration of N-acetyl-L-cysteine: a multi-biomarker study in smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2002 , 11, 167-75	4	39
49	Genotoxicity of tobacco smoke-derived aromatic amines and bladder cancer: current state of knowledge and future research directions. <i>FASEB Journal</i> , 2013 , 27, 2090-100	0.9	38
48	DNA damage, repair, and mutation induction by (+)-Syn and (-)-anti-dibenzo[a,l]pyrene-11,12-diol-13,14-epoxides in mouse cells. <i>Cancer Research</i> , 2004 , 64, 7321-8	10.1	38
47	Deregulation of Biologically Significant Genes and Associated Molecular Pathways in the Oral Epithelium of Electronic Cigarette Users. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	37
46	Relationships among smoking, oxidative stress, inflammation, macromolecular damage, and cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 787, 108365	7	36
45	Electronic cigarettes: the road ahead. <i>Preventive Medicine</i> , 2014 , 66, 65-7	4.3	34
44	Transcription-dependent cytosine deamination is a novel mechanism in ultraviolet light-induced mutagenesis. <i>Current Biology</i> , 2010 , 20, 170-5	6.3	34
43	Mammalian cells acquire epigenetic hallmarks of human cancer during immortalization. <i>Nucleic Acids Research</i> , 2013 , 41, 182-95	20.1	31
42	Similar mutagenicity of photoactivated porphyrins and ultraviolet A radiation in mouse embryonic fibroblasts: involvement of oxidative DNA lesions in mutagenesis. <i>Biochemistry</i> , 2004 , 43, 15557-66	3.2	30
41	The role of DNA polymerase iota in UV mutational spectra. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 599, 58-65	3.3	28
40	Loss of Rassf1a enhances p53-mediated tumor predisposition and accelerates progression to aneuploidy. <i>Oncogene</i> , 2011 , 30, 690-700	9.2	26
39	Applications of the human p53 knock-in (Hupki) mouse model for human carcinogen testing. <i>FASEB Journal</i> , 2010 , 24, 2612-9	0.9	25
38	A high-throughput next-generation sequencing-based method for detecting the mutational fingerprint of carcinogens. <i>Nucleic Acids Research</i> , 2012 , 40, e116	20.1	25
37	Epigenetics of human melanoma: promises and challenges. <i>Journal of Molecular Cell Biology</i> , 2014 , 6, 356-67	6.3	24
36	Interactions between hepatitis B virus and aflatoxin B(1): effects on p53 induction in HepaRG cells. <i>Journal of General Virology</i> , 2012 , 93, 640-650	4.9	23
35	Organ specificity of the bladder carcinogen 4-aminobiphenyl in inducing DNA damage and mutation in mice. <i>Cancer Prevention Research</i> , 2012 , 5, 299-308	3.2	21
34	Mutational signature of the proximate bladder carcinogen N-hydroxy-4-acetylaminobiphenyl: inconsistency with the p53 mutational spectrum in bladder cancer. <i>Cancer Research</i> , 2002 , 62, 4331-8	10.1	21

33	New experimental data linking secondhand smoke exposure to lung cancer in nonsmokers. <i>FASEB Journal</i> , 2012 , 26, 1845-54	0.9	20
32	Hypomethylation of LINE-1 repeat elements and global loss of DNA hydroxymethylation in vapers and smokers. <i>Epigenetics</i> , 2020 , 15, 816-829	5.7	20
31	Epigenetic targeting of the Nanog pathway and signaling networks during chemical carcinogenesis. <i>Carcinogenesis</i> , 2014 , 35, 1726-36	4.6	19
30	Whole DNA methylome profiling in mice exposed to secondhand smoke. <i>Epigenetics</i> , 2012 , 7, 1302-14	5.7	17
29	Measuring the formation and repair of UV damage at the DNA sequence level by ligation-mediated PCR. <i>Methods in Molecular Biology</i> , 2012 , 920, 189-202	1.4	17
28	Vaping: A growing global health concern. <i>EClinicalMedicine</i> , 2019 , 17, 100208	11.3	17
27	Enhancement of the mutagenicity of benzo(a)pyrene diol epoxide by a nonmutagenic dose of ultraviolet A radiation. <i>Cancer Research</i> , 2003 , 63, 8708-16	10.1	17
26	An opportune and unique research to evaluate the public health impact of electronic cigarettes. <i>Cancer Causes and Control</i> , 2017 , 28, 1167-1171	2.8	16
25	Investigating the epigenetic effects of a prototype smoke-derived carcinogen in human cells. <i>PLoS ONE</i> , 2010 , 5, e10594	3.7	16
24	Limited mutagenicity of electronic cigarettes in mouse or human cells in vitro. <i>Lung Cancer</i> , 2017 , 112, 41-46	5.9	13
23	DNA-lesion mapping in mammalian cells. <i>Methods</i> , 2009 , 48, 35-9	4.6	13
22	Investigating DNA adduct-targeted mutagenicity of tamoxifen: preferential formation of tamoxifen-DNA adducts in the human p53 gene in SV40 immortalized hepatocytes but not endometrial carcinoma cells. <i>Biochemistry</i> , 2005 , 44, 8418-27	3.2	12
21	Whole body exposure of mice to secondhand smoke induces dose-dependent and persistent promutagenic DNA adducts in the lung. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 716, 92-8	3.3	11
20	Vaping epidemic: challenges and opportunities. <i>Cancer Causes and Control</i> , 2020 , 31, 663-667	2.8	10
19	Mutagenicity of ultraviolet A radiation in the lacI transgene in Big Blue mouse embryonic fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007 , 617, 71-8	3.3	9
18	Exposure of mice to secondhand smoke elicits both transient and long-lasting transcriptional changes in cancer-related functional networks. <i>International Journal of Cancer</i> , 2015 , 136, 2253-63	7.5	8
17	Biological consequences of 8-methoxypsoralen-photoinduced lesions: sequence-specificity of mutations and preponderance of T to C and T to a mutations. <i>Journal of Investigative Dermatology</i> , 2004 , 123, 1140-6	4.3	8
16	Expression of epigenetic modifiers is not significantly altered by exposure to secondhand smoke. <i>Lung Cancer</i> , 2015 , 90, 598-603	5.9	7

15	DNA Hydroxymethylation at the Interface of the Environment and Nonalcoholic Fatty Liver Disease. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
14	A Versatile Assay for Detection of Aberrant DNA Methylation in Bladder Cancer. <i>Methods in Molecular Biology</i> , 2018 , 1655, 29-41	1.4	5
13	Acrolein: excessive cytotoxicity or potent mutagenicity?. <i>Chemical Research in Toxicology</i> , 2009 , 22, 751-3; author reply 753-4	4	4
12	Unveiling the methylation status of CpG dinucleotides in the substituted segment of the human p53 knock-in (Hupki) mouse genome. <i>Molecular Carcinogenesis</i> , 2010 , 49, 999-1006	5	4
11	Secondhand Smoke Induces Liver Steatosis through Deregulation of Genes Involved in Hepatic Lipid Metabolism. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
10	Mutation Analysis in Cultured Cells of Transgenic Rodents. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	3
9	The Lambda Select cII Mutation Detection System. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	3
8	Spontaneous and photosensitization-induced mutations in primary mouse cells transitioning through senescence and immortalization. <i>Journal of Biological Chemistry</i> , 2020 , 295, 9974-9985	5.4	3
7	The consequential impact of JUUL on youth vaping and the landscape of tobacco products: The state of play in the COVID-19 era. <i>Preventive Medicine Reports</i> , 2021 , 22, 101374	2.6	3
6	DNA Damage and Mutagenesis Induced by Polycyclic Aromatic Hydrocarbons 2005 , 171-210		2
5	COVID-19: a pandemic converged with global tobacco epidemic and widespread vaping-state of the evidence. <i>Carcinogenesis</i> , 2021 , 42, 1009-1022	4.6	2
4	Secondhand smoke affects reproductive functions by altering the mouse testis transcriptome, and leads to select intron retention in Pde1a.. <i>Environment International</i> , 2022 , 161, 107086	12.9	1
3	A novel role for vaping in mitochondrial gene dysregulation and inflammation fundamental to disease development. <i>Scientific Reports</i> , 2021 , 11, 22773	4.9	1
2	Hydroxychloroquine induces oxidative DNA damage and mutation in mammalian cells. <i>DNA Repair</i> , 2021 , 106, 103180	4.3	1
1	From Tobacco Cigarettes to Electronic Cigarettes: The Two Sides of a Nicotine Coin.. <i>Frontiers in Oral Health</i> , 2021 , 2, 790634	0.8	0