Ahmad Besaratinia

List of Publications by Year in Descending Order

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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	Secondhand smoke affects reproductive functions by altering the mouse testis transcriptome, and leads to select intron retention in Pde1a.. *Environment International*, **2022**, 161, 107086	12.9	1
67	A novel role for vaping in mitochondrial gene dysregulation and inflammation fundamental to disease development. *Scientific Reports*, **2021**, 11, 22773	4.9	1
66	From Tobacco Cigarettes to Electronic Cigarettes: The Two Sides of a Nicotine Coin.. *Frontiers in Oral Health*, **2021**, 2, 790634	0.8	0
65	The consequential impact of JUUL on youth vaping and the landscape of tobacco products: The state of play in the COVID-19 era. *Preventive Medicine Reports*, **2021**, 22, 101374	2.6	3
64	COVID-19: a pandemic converged with global tobacco epidemic and widespread vaping-state of the evidence. *Carcinogenesis*, **2021**, 42, 1009-1022	4.6	2
63	Hydroxychloroquine induces oxidative DNA damage and mutation in mammalian cells. *DNA Repair*, **2021**, 106, 103180	4.3	1
62	Relationships among smoking, oxidative stress, inflammation, macromolecular damage, and cancer. *Mutation Research - Reviews in Mutation Research*, **2021**, 787, 108365	7	36
61	Vaping epidemic: challenges and opportunities. *Cancer Causes and Control*, **2020**, 31, 663-667	2.8	10
60	Secondhand Smoke Induces Liver Steatosis through Deregulation of Genes Involved in Hepatic Lipid Metabolism. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
59	Hypomethylation of LINE-1 repeat elements and global loss of DNA hydroxymethylation in vapers and smokers. *Epigenetics*, **2020**, 15, 816-829	5.7	20
58	Spontaneous and photosensitization-induced mutations in primary mouse cells transitioning through senescence and immortalization. *Journal of Biological Chemistry*, **2020**, 295, 9974-9985	5.4	3
57	Deregulation of Biologically Significant Genes and Associated Molecular Pathways in the Oral Epithelium of Electronic Cigarette Users. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	37
56	DNA Hydroxymethylation at the Interface of the Environment and Nonalcoholic Fatty Liver Disease. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	6
55	Vaping: A growing global health concern. *EClinicalMedicine*, **2019**, 17, 100208	11.3	17
54	A Versatile Assay for Detection of Aberrant DNA Methylation in Bladder Cancer. *Methods in Molecular Biology*, **2018**, 1655, 29-41	1.4	5
53	Mutation Analysis in Cultured Cells of Transgenic Rodents. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	3
52	The Lambda Select cII Mutation Detection System. *Journal of Visualized Experiments*, **2018**,	1.6	3

51	An opportune and unique research to evaluate the public health impact of electronic cigarettes. *Cancer Causes and Control*, **2017**, 28, 1167-1171	2.8	16
50	Limited mutagenicity of electronic cigarettes in mouse or human cells in vitro. *Lung Cancer*, **2017**, 112, 41-46	5.9	13
49	Exposure of mice to secondhand smoke elicits both transient and long-lasting transcriptional changes in cancer-related functional networks. *International Journal of Cancer*, **2015**, 136, 2253-63	7.5	8
48	Expression of epigenetic modifiers is not significantly altered by exposure to secondhand smoke. *Lung Cancer*, **2015**, 90, 598-603	5.9	7
47	Electronic cigarettes: the road ahead. *Preventive Medicine*, **2014**, 66, 65-7	4.3	34
46	Epigenetics of human melanoma: promises and challenges. *Journal of Molecular Cell Biology*, **2014**, 6, 356-67	6.3	24
45	Epigenetic targeting of the Nanog pathway and signaling networks during chemical carcinogenesis. *Carcinogenesis*, **2014**, 35, 1726-36	4.6	19
44	Genotoxicity of tobacco smoke-derived aromatic amines and bladder cancer: current state of knowledge and future research directions. *FASEB Journal*, **2013**, 27, 2090-100	0.9	38
43	Mammalian cells acquire epigenetic hallmarks of human cancer during immortalization. *Nucleic Acids Research*, **2013**, 41, 182-95	20.1	31
42	Alterations of DNA methylome in human bladder cancer. *Epigenetics*, **2013**, 8, 1013-22	5.7	50
41	Whole DNA methylome profiling in mice exposed to secondhand smoke. *Epigenetics*, **2012**, 7, 1302-14	5.7	17
40	Measuring the formation and repair of UV damage at the DNA sequence level by ligation-mediated PCR. *Methods in Molecular Biology*, **2012**, 920, 189-202	1.4	17
39	UV wavelength-dependent DNA damage and human non-melanoma and melanoma skin cancer. *Photochemical and Photobiological Sciences*, **2012**, 11, 90-7	4.2	274
38	Interactions between hepatitis B virus and aflatoxin B(1): effects on p53 induction in HepaRG cells. *Journal of General Virology*, **2012**, 93, 640-650	4.9	23
37	Organ specificity of the bladder carcinogen 4-aminobiphenyl in inducing DNA damage and mutation in mice. *Cancer Prevention Research*, **2012**, 5, 299-308	3.2	21
36	New experimental data linking secondhand smoke exposure to lung cancer in nonsmokers. *FASEB Journal*, **2012**, 26, 1845-54	0.9	20
35	A high-throughput next-generation sequencing-based method for detecting the mutational fingerprint of carcinogens. *Nucleic Acids Research*, **2012**, 40, e116	20.1	25
34	Loss of Rassf1a enhances p53-mediated tumor predisposition and accelerates progression to aneuploidy. *Oncogene*, **2011**, 30, 690-700	9.2	26

33	Whole body exposure of mice to secondhand smoke induces dose-dependent and persistent promutagenic DNA adducts in the lung. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2011**, 716, 92-8	3.3	11
32	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. *FASEB Journal*, **2011**, 25, 3079-91	0.9	95
31	Applications of the human p53 knock-in (Hupki) mouse model for human carcinogen testing. *FASEB Journal*, **2010**, 24, 2612-9	0.9	25
30	Transcription-dependent cytosine deamination is a novel mechanism in ultraviolet light-induced mutagenesis. *Current Biology*, **2010**, 20, 170-5	6.3	34
29	Unveiling the methylation status of CpG dinucleotides in the substituted segment of the human p53 knock-in (Hupki) mouse genome. *Molecular Carcinogenesis*, **2010**, 49, 999-1006	5	4
28	Investigating the epigenetic effects of a prototype smoke-derived carcinogen in human cells. *PLoS ONE*, **2010**, 5, e10594	3.7	16
27	Mutational spectra of human cancer. *Human Genetics*, **2009**, 125, 493-506	6.3	143
26	DNA-lesion mapping in mammalian cells. *Methods*, **2009**, 48, 35-9	4.6	13
25	In vitro recapitulating of TP53 mutagenesis in hepatocellular carcinoma associated with dietary aflatoxin B1 exposure. *Gastroenterology*, **2009**, 137, 1127-37, 1137.e1-5	13.3	63
24	Acrolein: excessive cytotoxicity or potent mutagenicity?. *Chemical Research in Toxicology*, **2009**, 22, 751-3; author reply 753-4	4	4
23	Second-hand smoke and human lung cancer. *Lancet Oncology, The*, **2008**, 9, 657-66	21.7	102
22	Rapid repair of UVA-induced oxidized purines and persistence of UVB-induced dipyrimidine lesions determine the mutagenicity of sunlight in mouse cells. *FASEB Journal*, **2008**, 22, 2379-92	0.9	59
21	Sunlight ultraviolet irradiation and BRAF V600 mutagenesis in human melanoma. *Human Mutation*, **2008**, 29, 983-91	4.7	39
20	Riboflavin activated by ultraviolet A1 irradiation induces oxidative DNA damage-mediated mutations inhibited by vitamin C. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 5953-8	11.5	84
19	Mutagenicity of ultraviolet A radiation in the lacI transgene in Big Blue mouse embryonic fibroblasts. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2007**, 617, 71-8	3.3	9
18	Lack of mutagenicity of acrolein-induced DNA adducts in mouse and human cells. *Cancer Research*, **2007**, 67, 11640-7	10.1	39
17	A review of mechanisms of acrylamide carcinogenicity. *Carcinogenesis*, **2007**, 28, 519-28	4.6	150
16	The role of DNA polymerase iota in UV mutational spectra. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2006**, 599, 58-65	3.3	28

15	Investigating human cancer etiology by DNA lesion footprinting and mutagenicity analysis. *Carcinogenesis*, **2006**, 27, 1526-37	4.6	47
14	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. *Biochemistry*, **2005**, 44, 8418-27	3.2	12
13	DNA adduction and mutagenic properties of acrylamide. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2005**, 580, 31-40	3	63
12	DNA Damage and Mutagenesis Induced by Polycyclic Aromatic Hydrocarbons **2005**, 171-210		2
11	Mutations induced by ultraviolet light. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2005**, 571, 19-31	3.3	538
10	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. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 10058-63	11.5	121
9	Genotoxicity of acrylamide and glycidamide. *Journal of the National Cancer Institute*, **2004**, 96, 1023-9	9.7	134
8	DNA damage, repair, and mutation induction by (+)-Syn and (-)-anti-dibenzo[a,l]pyrene-11,12-diol-13,14-epoxides in mouse cells. *Cancer Research*, **2004**, 64, 7321-8	10.1	38
7	Biological consequences of 8-methoxypsoralen-photoinduced lesions: sequence-specificity of mutations and preponderance of T to C and T to a mutations. *Journal of Investigative Dermatology*, **2004**, 123, 1140-6	4.3	8
6	G-to-T transversions and small tandem base deletions are the hallmark of mutations induced by ultraviolet a radiation in mammalian cells. *Biochemistry*, **2004**, 43, 8169-77	3.2	71
5	Similar mutagenicity of photoactivated porphyrins and ultraviolet A radiation in mouse embryonic fibroblasts: involvement of oxidative DNA lesions in mutagenesis. *Biochemistry*, **2004**, 43, 15557-66	3.2	30
4	Weak yet distinct mutagenicity of acrylamide in mammalian cells. *Journal of the National Cancer Institute*, **2003**, 95, 889-96	9.7	53
3	Enhancement of the mutagenicity of benzo(a)pyrene diol epoxide by a nonmutagenic dose of ultraviolet A radiation. *Cancer Research*, **2003**, 63, 8708-16	10.1	17
2	Effects of oral administration of N-acetyl-L-cysteine: a multi-biomarker study in smokers. *Cancer Epidemiology Biomarkers and Prevention*, **2002**, 11, 167-75	4	39
1	Mutational signature of the proximate bladder carcinogen N-hydroxy-4-acetylaminobiphenyl: inconsistency with the p53 mutational spectrum in bladder cancer. *Cancer Research*, **2002**, 62, 4331-8	10.1	21