

Albert J Fornace Jr

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2248320/albert-j-fornace-jr-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

282
papers

20,806
citations

77
h-index

136
g-index

295
ext. papers

22,339
ext. citations

6.5
avg, IF

6.42
L-index

#	Paper	IF	Citations
282	Total body proton and heavy-ion irradiation causes cellular senescence and promotes pro-osteoclastogenic activity in mouse bone marrow.. <i>Heliyon</i> , 2022 , 8, e08691	3.6	0
281	GADD45 in Stress Signaling, Cell Cycle Control, and Apoptosis.. <i>Advances in Experimental Medicine and Biology</i> , 2022 , 1360, 1-22	3.6	2
280	Small Molecule Responses to Sequential Irradiation with Neutrons and Photons for Biodosimetry Applications: An Initial Assessment. <i>Radiation Research</i> , 2021 , 196, 468-477	3.1	1
279	Development and validation of the TGx-HDACi transcriptomic biomarker to detect histone deacetylase inhibitors in human TK6 cells. <i>Archives of Toxicology</i> , 2021 , 95, 1631-1645	5.8	2
278	Hepatic lipid signatures of little brown bats (<i>Myotis lucifugus</i>) and big brown bats (<i>Eptesicus fuscus</i>) at early stages of white-nose syndrome. <i>Scientific Reports</i> , 2021 , 11, 11581	4.9	1
277	3,3'-Diindolylmethane Enhances Tumor Regression After Radiation Through Protecting Normal Cells to Modulate Antitumor Immunity. <i>Advances in Radiation Oncology</i> , 2021 , 6, 100601	3.3	0
276	Radiochemotherapy upregulates expression of checkpoint receptors on circulating T cells. <i>International Journal of Radiation Biology</i> , 2021 , 97, 1563-1568	2.9	
275	Biofluid Metabolomics of Mice Exposed to External Low-Dose Rate Radiation in a Novel Irradiation System, the Variable Dose-Rate External Cs Irradiator. <i>Journal of Proteome Research</i> , 2021 , 20, 5145-5155	5.6	0
274	Effects of dietary aspirin on high-LET radiation-induced prostaglandin E2 levels and gastrointestinal tumorigenesis in Apc mice. <i>Life Sciences in Space Research</i> , 2021 , 31, 85-91	2.4	0
273	VADER: a variable dose-rate external Cs irradiator for internal emitter and low dose rate studies. <i>Scientific Reports</i> , 2020 , 10, 19899	4.9	5
272	Effects of Genetic Variation on Urinary Small Molecule Signatures of Mice after Exposure to Ionizing Radiation: A Study of p53 Deficiency. <i>Metabolites</i> , 2020 , 10,	5.6	3
271	Serum Metabolomic Alterations Associated with Cesium-137 Internal Emitter Delivered in Various Dose Rates. <i>Metabolites</i> , 2020 , 10,	5.6	1
270	Protons Show Greater Relative Biological Effectiveness for Mammary Tumorigenesis with Higher ERBB2 and HER2-Positive Tumors Relative to X-rays in APC Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 107, 202-211	4	0
269	Quantitation of Urinary Acylcarnitines by DMS-MS/MS Uncovers the Effects of Total Body Irradiation in Cancer Patients. <i>Journal of the American Society for Mass Spectrometry</i> , 2020 , 31, 498-507	3.5	1
268	Heavy ion space radiation triggers ongoing DNA base damage by downregulating DNA repair pathways. <i>Life Sciences in Space Research</i> , 2020 , 27, 27-32	2.4	6
267	Arsenite and cadmium promote the development of mammary tumors. <i>Carcinogenesis</i> , 2020 , 41, 1005-1014	4.1	6
266	Salivary Metabolomics of Total Body Irradiated Nonhuman Primates Reveals Long-Term Normal Tissue Responses to Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 843-851	4	9

265	Assessment of the performance of the TGx-DDI biomarker to detect DNA damage-inducing agents using quantitative RT-PCR in TK6 cells. <i>Environmental and Molecular Mutagenesis</i> , 2019 , 60, 122-133	3.2	14
264	Fabric Phase Sorptive Extraction-A Metabolomic Preprocessing Approach for Ionizing Radiation Exposure Assessment. <i>Journal of Proteome Research</i> , 2019 , 18, 3020-3031	5.6	8
263	Temporal Effects on Radiation Responses in Nonhuman Primates: Identification of Biofluid Small Molecule Signatures by Gas Chromatography?Mass Spectrometry Metabolomics. <i>Metabolites</i> , 2019 , 9,	5.6	15
262	Impact of inflammatory signaling on radiation biodosimetry: mouse model of inflammatory bowel disease. <i>BMC Genomics</i> , 2019 , 20, 329	4.5	10
261	Liquid Chromatography-Mass Spectrometry-Based Metabolomics of Nonhuman Primates after 4 Gy Total Body Radiation Exposure: Global Effects and Targeted Panels. <i>Journal of Proteome Research</i> , 2019 , 18, 2260-2269	5.6	19
260	Serum lipidomic analysis from mixed neutron/X-ray radiation fields reveals a hyperlipidemic and pro-inflammatory phenotype. <i>Scientific Reports</i> , 2019 , 9, 4539	4.9	10
259	TGx-DDI, a Transcriptomic Biomarker for Genotoxicity Hazard Assessment of Pharmaceuticals and Environmental Chemicals. <i>Frontiers in Big Data</i> , 2019 , 2, 36	2.8	4
258	Fractionated and Acute Proton Radiation Show Differential Intestinal Tumorigenesis and DNA Damage and Repair Pathway Response in Apc Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 525-536	4	0
257	Intestinal stem cells acquire premature senescence and senescence associated secretory phenotype concurrent with persistent DNA damage after heavy ion radiation in mice. <i>Aging</i> , 2019 , 11, 4145-4158	5.6	14
256	Differential mobility spectrometry (DMS) reveals the elevation of urinary acetylcarnitine in non-human primates (NHPs) exposed to radiation. <i>Journal of Mass Spectrometry</i> , 2018 , 53, 548-559	2.2	9
255	Global Gene Expression Response in Mouse Models of DNA Repair Deficiency after Gamma Irradiation. <i>Radiation Research</i> , 2018 , 189, 337-344	3.1	13
254	The effect of carbon irradiation is associated with greater oxidative stress in mouse intestine and colon relative to Hays. <i>Free Radical Research</i> , 2018 , 52, 556-567	4	10
253	Gene Expression in Parp1 Deficient Mice Exposed to a Median Lethal Dose of Gamma Rays. <i>Radiation Research</i> , 2018 , 190, 53-62	3.1	2
252	Differential Mobility Spectrometry-Mass Spectrometry (DMS-MS) in Radiation Biodosimetry: Rapid and High-Throughput Quantitation of Multiple Radiation Biomarkers in Nonhuman Primate Urine. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 1650-1664	3.5	21
251	Global metabolomic responses in urine from atm deficient mice in response to LD gamma irradiation doses. <i>Environmental and Molecular Mutagenesis</i> , 2018 , 59, 576-585	3.2	6
250	GADD45 2018 , 1977-1990		
249	Prior irradiation results in elevated programmed cell death protein 1 (PD-1) in T cells. <i>International Journal of Radiation Biology</i> , 2018 , 94, 488-494	2.9	17
248	Nonhuman Primates with Acute Radiation Syndrome: Results from a Global Serum Metabolomics Study after 7.2 Gy Total-Body Irradiation. <i>Radiation Research</i> , 2018 , 190, 576-583	3.1	15

247	Space radiation triggers persistent stress response, increases senescent signaling, and decreases cell migration in mouse intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E9832-E9841	11.5	28
246	A Metabolomic Serum Signature from Nonhuman Primates Treated with a Radiation Countermeasure, Gamma-tocotrienol, and Exposed to Ionizing Radiation. <i>Health Physics</i> , 2018 , 115, 3-11 ²⁻³		18
245	Metabolomic applications in radiation biodosimetry: exploring radiation effects through small molecules. <i>International Journal of Radiation Biology</i> , 2017 , 93, 1151-1176	2.9	62
244	Scaling Human Cancer Risks from Low LET to High LET when Dose-Effect Relationships are Complex. <i>Radiation Research</i> , 2017 , 187, 476-482	3.1	18
243	Wip1 directly dephosphorylates NLK and increases Wnt activity during germ cell development. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1013-1022	6.9	8
242	Low and high dose rate heavy ion radiation-induced intestinal and colonic tumorigenesis in APC mice. <i>Life Sciences in Space Research</i> , 2017 , 13, 45-50	2.4	7
241	P38 2017 , 805-815		
240	Metabolic Dysregulation after Neutron Exposures Expected from an Improvised Nuclear Device. <i>Radiation Research</i> , 2017 , 188, 21-34	3.1	16
239	Gas Chromatography/Mass Spectrometry Metabolomics of Urine and Serum from Nonhuman Primates Exposed to Ionizing Radiation: Impacts on the Tricarboxylic Acid Cycle and Protein Metabolism. <i>Journal of Proteome Research</i> , 2017 , 16, 2091-2100	5.6	23
238	Integration of the TGx-28.65 genomic biomarker with the flow cytometry micronucleus test to assess the genotoxicity of disperse orange and 1,2,4-benzenetriol in human TK6 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017 , 806, 51-62	3.3	9
237	Increased Transgenerational Intestinal Tumorigenesis in Offspring of Ionizing Radiation Exposed Parent APC Mice. <i>Journal of Cancer</i> , 2017 , 8, 1769-1773	4.5	4
236	A Serum Small Molecule Biosignature of Radiation Exposure from Total Body Irradiated Patients. <i>Journal of Proteome Research</i> , 2017 , 16, 3805-3815	5.6	24
235	Lipidomic Signatures of Nonhuman Primates with Radiation-Induced Hematopoietic Syndrome. <i>Scientific Reports</i> , 2017 , 7, 9777	4.9	24
234	Development and validation of a high-throughput transcriptomic biomarker to address 21st century genetic toxicology needs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E10881-E10889	11.5	47
233	Information-dependent enrichment analysis reveals time-dependent transcriptional regulation of the estrogen pathway of toxicity. <i>Archives of Toxicology</i> , 2017 , 91, 1749-1762	5.8	17
232	Microbial, metabolomic, and immunologic dynamics in a relapsing genetic mouse model of colitis induced by T-synthase deficiency. <i>Gut Microbes</i> , 2017 , 8, 1-16	8.8	34
231	Assessment of Saliva as a Potential Biofluid for Biodosimetry: A Pilot Metabolomics Study in Mice. <i>Radiation Research</i> , 2016 , 186, 92-7	3.1	18
230	An Integrated Multi-Omic Approach to Assess Radiation Injury on the Host-Microbiome Axis. <i>Radiation Research</i> , 2016 , 186, 219-34	3.1	43

229	Impairment of the Intrinsic Capability of Th1 Polarization in Irradiated Mice: A Close Look at the Imbalanced Th1/Th2 Response after Irradiation. <i>Radiation Research</i> , 2016 , 186, 559-567	3.1	3
228	Genetic variability in a frozen batch of MCF-7 cells invisible in routine authentication affecting cell function. <i>Scientific Reports</i> , 2016 , 6, 28994	4.9	47
227	Rapid and High-Throughput Detection and Quantitation of Radiation Biomarkers in Human and Nonhuman Primates by Differential Mobility Spectrometry-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 1626-36	3.5	17
226	Regulation of Cytochrome P450 2B10 (CYP2B10) Expression in Liver by Peroxisome Proliferator-activated Receptor- γ Modulation of SP1 Promoter Occupancy. <i>Journal of Biological Chemistry</i> , 2016 , 291, 25255-25263	5.4	14
225	Relative Biological Effectiveness of Energetic Heavy Ions for Intestinal Tumorigenesis Shows Male Preponderance and Radiation Type and Energy Dependence in APC(1638N/+) Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 131-138	4	26
224	Chemopreventive Metabolites Are Correlated with a Change in Intestinal Microbiota Measured in A-T Mice and Decreased Carcinogenesis. <i>PLoS ONE</i> , 2016 , 11, e0151190	3.7	12
223	Induction of MiR-21 by Stereotactic Body Radiotherapy Contributes to the Pulmonary Fibrotic Response. <i>PLoS ONE</i> , 2016 , 11, e0154942	3.7	28
222	Space radiation exposure persistently increased leptin and IGF1 in serum and activated leptin-IGF1 signaling axis in mouse intestine. <i>Scientific Reports</i> , 2016 , 6, 31853	4.9	10
221	Colorectal Carcinogenesis, Radiation Quality, and the Ubiquitin-Proteasome Pathway. <i>Journal of Cancer</i> , 2016 , 7, 174-83	4.5	12
220	Quantitative Metabolomic Analysis of Urinary Citrulline and Calcitroic Acid in Mice after Exposure to Various Types of Ionizing Radiation. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	12
219	A Lipidomic and Metabolomic Serum Signature from Nonhuman Primates Exposed to Ionizing Radiation. <i>Metabolomics</i> , 2016 , 12, 1	4.7	42
218	Implications of genotypic differences in the generation of a urinary metabolomics radiation signature. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2016 , 788, 41-9	3.3	20
217	A Disease-Associated Microbial and Metabolomics State in Relatives of Pediatric Inflammatory Bowel Disease Patients. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016 , 2, 750-766	7.9	103
216	Targeted Metabolomics of Nonhuman Primate Serum after Exposure to Ionizing Radiation: Potential Tools for High-throughput Biodosimetry. <i>RSC Advances</i> , 2016 , 6, 51192-51202	3.7	28
215	Application of the TGx-28.65 transcriptomic biomarker to classify genotoxic and non-genotoxic chemicals in human TK6 cells in the presence of rat liver S9. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 243-60	3.2	26
214	Exposure to ionizing radiation reveals global dose- and time-dependent changes in the urinary metabolome of rat. <i>Metabolomics</i> , 2015 , 11, 1082-1094	4.7	25
213	Distinct serum metabolomics profiles associated with malignant progression in the KrasG12D mouse model of pancreatic ductal adenocarcinoma. <i>BMC Genomics</i> , 2015 , 16 Suppl 1, S1	4.5	21
212	Serum Dyslipidemia Is Induced by Internal Exposure to Strontium-90 in Mice, Lipidomic Profiling Using a Data-Independent Liquid Chromatography-Mass Spectrometry Approach. <i>Journal of Proteome Research</i> , 2015 , 14, 4039-49	5.6	20

211	A Comprehensive Metabolomic Investigation in Urine of Mice Exposed to Strontium-90. <i>Radiation Research</i> , 2015 , 183, 665-74	3.1	17
210	Global Metabolomic Identification of Long-Term Dose-Dependent Urinary Biomarkers in Nonhuman Primates Exposed to Ionizing Radiation. <i>Radiation Research</i> , 2015 , 184, 121-33	3.1	39
209	Metabolomic profiling of urine samples from mice exposed to protons reveals radiation quality and dose specific differences. <i>Radiation Research</i> , 2015 , 183, 382-90	3.1	18
208	Metabolomic and lipidomic analysis of serum from mice exposed to an internal emitter, cesium-137, using a shotgun LC-MS(E) approach. <i>Journal of Proteome Research</i> , 2015 , 14, 374-84	5.6	36
207	A predictive toxicogenomics signature to classify genotoxic versus non-genotoxic chemicals in human TK6 cells. <i>Data in Brief</i> , 2015 , 5, 77-83	1.2	15
206	Development of a toxicogenomics signature for genotoxicity using a dose-optimization and informatics strategy in human cells. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 505-19	3.2	61
205	Protracted upregulation of leptin and IGF1 is associated with activation of PI3K/Akt and JAK2 pathway in mouse intestine after ionizing radiation exposure. <i>International Journal of Biological Sciences</i> , 2015 , 11, 274-83	11.2	28
204	Ionizing Radiation Impairs T Cell Activation by Affecting Metabolic Reprogramming. <i>International Journal of Biological Sciences</i> , 2015 , 11, 726-36	11.2	23
203	Decreased RXR β s Associated with Increased β Catenin/TCF4 in (56)Fe-Induced Intestinal Tumors. <i>Frontiers in Oncology</i> , 2015 , 5, 218	5.3	3
202	Integration of metabolic activation with a predictive toxicogenomics signature to classify genotoxic versus nongenotoxic chemicals in human TK6 cells. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 520-34	3.2	35
201	Comparison of toxicogenomics and traditional approaches to inform mode of action and points of departure in human health risk assessment of benzo[a]pyrene in drinking water. <i>Critical Reviews in Toxicology</i> , 2015 , 45, 1-43	5.7	94
200	Selective paired ion contrast analysis: a novel algorithm for analyzing postprocessed LC-MS metabolomics data possessing high experimental noise. <i>Analytical Chemistry</i> , 2015 , 87, 3177-86	7.8	21
199	The human toxome project. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2015 , 32, 112-24	4.3	43
198	MetaboLyzer: a novel statistical workflow for analyzing Postprocessed LC-MS metabolomics data. <i>Analytical Chemistry</i> , 2014 , 86, 506-13	7.8	73
197	High-energy particle-induced tumorigenesis throughout the gastrointestinal tract. <i>Radiation Research</i> , 2014 , 181, 162-71	3.1	15
196	Development of a metabolomic radiation signature in urine from patients undergoing total body irradiation. <i>Radiation Research</i> , 2014 , 181, 350-61	3.1	57
195	Wip1 abrogation decreases intestinal tumor frequency in APC(Min/+) mice irrespective of radiation quality. <i>Radiation Research</i> , 2014 , 182, 345-9	3.1	8
194	Metabolic phenotyping reveals a lipid mediator response to ionizing radiation. <i>Journal of Proteome Research</i> , 2014 , 13, 4143-54	5.6	47

193	The effect of low dose rate on metabolomic response to radiation in mice. <i>Radiation and Environmental Biophysics</i> , 2014 , 53, 645-57	2	43
192	Modulation of fatty acid and bile acid metabolism by peroxisome proliferator-activated receptor α protects against alcoholic liver disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2014 , 38, 1520-31	3.7	45
191	Understanding gas phase modifier interactions in rapid analysis by differential mobility-tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 1098-113	3.5	28
190	Off-target response of a Wip1 chemical inhibitor in skin keratinocytes. <i>Journal of Dermatological Science</i> , 2014 , 73, 125-34	4.3	18
189	Development of urinary biomarkers for internal exposure by cesium-137 using a metabolomics approach in mice. <i>Radiation Research</i> , 2014 , 181, 54-64	3.1	41
188	Reprogramming of gut microbiome energy metabolism by the FUT2 Crohn's disease risk polymorphism. <i>ISME Journal</i> , 2014 , 8, 2193-206	11.9	140
187	Radiation persistently promoted oxidative stress, activated mTOR via PI3K/Akt, and downregulated autophagy pathway in mouse intestine. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 57, 167-76	5.6	36
186	Long-term differential changes in mouse intestinal metabolomics after α and heavy ion radiation exposure. <i>PLoS ONE</i> , 2014 , 9, e87079	3.7	38
185	P38 2014 , 1-11		
184	Differential mobility spectrometry with nanospray ion source as a compact detector for small organics and inorganics. <i>International Journal for Ion Mobility Spectrometry</i> , 2013 , 16, 217-227	1.5	13
183	Sex-dependent differences in intestinal tumorigenesis induced in Apc1638N/+ mice by exposure to α rays. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 223-9	4	9
182	Gadd45 in stress signaling, cell cycle control, and apoptosis. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 793, 1-19	3.6	195
181	Identifying radiation exposure biomarkers from mouse blood transcriptome. <i>International Journal of Bioinformatics Research and Applications</i> , 2013 , 9, 365-85	0.9	9
180	Identification of serum insulin-like growth factor binding protein 1 as diagnostic biomarker for early-stage alcohol-induced liver disease. <i>Journal of Translational Medicine</i> , 2013 , 11, 266	8.5	18
179	Heavy ion radiation exposure triggered higher intestinal tumor frequency and greater β -catenin activation than α radiation in APC(Min/+) mice. <i>PLoS ONE</i> , 2013 , 8, e59295	3.7	48
178	Therapeutic and space radiation exposure of mouse brain causes impaired DNA repair response and premature senescence by chronic oxidant production. <i>Ageing</i> , 2013 , 5, 607-22	5.6	47
177	Relative biological effectiveness of ^{12}C and ^{28}Si radiation in C57BL/6J mice. <i>Radiation and Environmental Biophysics</i> , 2012 , 51, 303-9	2	19
176	Exposure to ionizing radiation causes long-term increase in serum estradiol and activation of PI3K-Akt signaling pathway in mouse mammary gland. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, 500-7	4	22

175	Exposure to heavy ion radiation induces persistent oxidative stress in mouse intestine. <i>PLoS ONE</i> , 2012 , 7, e42224	3.7	110
174	Regulation of the Wip1 phosphatase and its effects on the stress response. <i>Frontiers in Bioscience - Landmark</i> , 2012 , 17, 1480-98	2.8	76
173	Administration of ON 01210.Na after exposure to ionizing radiation protects bone marrow cells by attenuating DNA damage response. <i>Radiation Oncology</i> , 2012 , 7, 6	4.2	29
172	Generation of cancerous neural stem cells forming glial tumor by oncogenic stimulation. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 532-45	6.4	16
171	Accelerated hematopoietic toxicity by high energy (56)Fe radiation. <i>International Journal of Radiation Biology</i> , 2012 , 88, 213-22	2.9	32
170	Comparison of mouse urinary metabolic profiles after exposure to the inflammatory stressors \square radiation and lipopolysaccharide. <i>Radiation Research</i> , 2012 , 177, 187-99	3.1	44
169	Radioprotective effects of ON 01210.Na upon oral administration. <i>Journal of Radiation Research</i> , 2012 , 53, 368-76	2.4	24
168	p16Ink4a suppression of lung adenocarcinoma by Bmi-1 in the presence of p38 activation. <i>Journal of Thoracic Oncology</i> , 2011 , 6, 423-31	8.9	8
167	New and emerging technologies for genetic toxicity testing. <i>Environmental and Molecular Mutagenesis</i> , 2011 , 52, 205-23	3.2	57
166	UPLC-MS-based urine metabolomics reveals indole-3-lactic acid and phenyllactic acid as conserved biomarkers for alcohol-induced liver disease in the Ppara-null mouse model. <i>Journal of Proteome Research</i> , 2011 , 10, 4120-33	5.6	59
165	Radiation metabolomics and its potential in biodosimetry. <i>International Journal of Radiation Biology</i> , 2011 , 87, 802-23	2.9	77
164	Voluntary exploratory data submissions to the US FDA and the EMA: experience and impact. <i>Nature Reviews Drug Discovery</i> , 2010 , 9, 435-45	64.1	82
163	Nuclear factor-kappaB (NF-kappaB) is a novel positive transcriptional regulator of the oncogenic Wip1 phosphatase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 5249-57	5.4	49
162	Wip1 directly dephosphorylates gamma-H2AX and attenuates the DNA damage response. <i>Cancer Research</i> , 2010 , 70, 4112-22	10.1	118
161	p21(Waf1) is required for cellular senescence but not for cell cycle arrest induced by the HDAC inhibitor sodium butyrate. <i>Cell Cycle</i> , 2010 , 9, 3945-55	4.7	70
160	Identification of noninvasive biomarkers for alcohol-induced liver disease using urinary metabolomics and the Ppara-null mouse. <i>Journal of Proteome Research</i> , 2010 , 9, 4176-88	5.6	53
159	Complexity of Stress Signaling 2010 , 2107-2125		1
158	Gadd45a functions as a promoter or suppressor of breast cancer dependent on the oncogenic stress. <i>Cancer Research</i> , 2010 , 70, 9671-81	10.1	45

157	Enhanced intestinal tumor multiplicity and grade in vivo after HZE exposure: mouse models for space radiation risk estimates. <i>Radiation and Environmental Biophysics</i> , 2010 , 49, 389-96	2	35
156	Wip1-expressing feeder cells retain pluripotency of co-cultured mouse embryonic stem cells under leukemia inhibitory factor-deprived condition. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1253-60	6.1	2
155	Detection of Radiation-Exposure Biomarkers by Differential Mobility Prefiltered Mass Spectrometry (DMS-MS). <i>International Journal of Mass Spectrometry</i> , 2010 , 291, 108-117	1.9	45
154	Zap70 functions to maintain stemness of mouse embryonic stem cells by negatively regulating Jak1/Stat3/c-Myc signaling. <i>Stem Cells</i> , 2010 , 28, 1476-86	5.8	20
153	Metabolomic analysis in severe childhood pneumonia in the Gambia, West Africa: findings from a pilot study. <i>PLoS ONE</i> , 2010 , 5, e12655	3.7	73
152	AMP-activated protein kinase promotes human prostate cancer cell growth and survival. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 733-41	6.1	147
151	Characterization and interlaboratory comparison of a gene expression signature for differentiating genotoxic mechanisms. <i>Toxicological Sciences</i> , 2009 , 110, 341-52	4.4	57
150	Wip1, an oncogene targeting tumor suppressors expressed in intestinal stem cells. <i>Current Colorectal Cancer Reports</i> , 2009 , 5, 197-202	1	2
149	Senescent growth arrest in mesenchymal stem cells is bypassed by Wip1-mediated downregulation of intrinsic stress signaling pathways. <i>Stem Cells</i> , 2009 , 27, 1963-75	5.8	79
148	Radiation metabolomics. 2. Dose- and time-dependent urinary excretion of deaminated purines and pyrimidines after sublethal gamma-radiation exposure in mice. <i>Radiation Research</i> , 2009 , 172, 42-57	3.1	95
147	UPLC-ESI-TOFMS-based metabolomics and gene expression dynamics inspector self-organizing metabolomic maps as tools for understanding the cellular response to ionizing radiation. <i>Analytical Chemistry</i> , 2008 , 80, 665-74	7.8	131
146	Inactivation of gadd45a sensitizes epithelial cancer cells to ionizing radiation in vivo resulting in prolonged survival. <i>Cancer Research</i> , 2008 , 68, 3579-83	10.1	14
145	Integrating global gene expression and radiation survival parameters across the 60 cell lines of the National Cancer Institute Anticancer Drug Screen. <i>Cancer Research</i> , 2008 , 68, 415-24	10.1	197
144	Radiation metabolomics. 1. Identification of minimally invasive urine biomarkers for gamma-radiation exposure in mice. <i>Radiation Research</i> , 2008 , 170, 1-14	3.1	141
143	The role of the MKK6/p38 MAPK pathway in Wip1-dependent regulation of ErbB2-driven mammary gland tumorigenesis. <i>Oncogene</i> , 2007 , 26, 2502-6	9.2	86
142	Toxicogenomics: overview and potential applications for the study of non-covalent DNA interacting chemicals. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007 , 623, 98-108 ³	3.3	40
141	A functional role for p38 MAPK in modulating mitotic transit in the absence of stress. <i>Journal of Biological Chemistry</i> , 2007 , 282, 22984-92	5.4	50
140	Genetic toxicity assessment: employing the best science for human safety evaluation Part VII: Why not start with a single test: a transformational alternative to genotoxicity hazard and risk assessment. <i>Toxicological Sciences</i> , 2007 , 99, 20-5	4.4	22

139	Gadd45alpha regulates p38-dependent dendritic cell cytokine production and Th1 differentiation. <i>Journal of Immunology</i> , 2007 , 178, 4153-8	5.3	20
138	Neural tube development requires the cooperation of p53- and Gadd45a-associated pathways. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2006 , 76, 129-32		10
137	Effects of expression of p53 and Gadd45 on osmotic tolerance of renal inner medullary cells. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, F341-9	4.3	10
136	Tumor susceptibility and apoptosis defect in a mouse strain expressing a human p53 transgene. <i>Cancer Research</i> , 2006 , 66, 2928-36	10.1	15
135	G1/S arrest induced by histone deacetylase inhibitor sodium butyrate in E1A + Ras-transformed cells is mediated through down-regulation of E2F activity and stabilization of beta-catenin. <i>Journal of Biological Chemistry</i> , 2006 , 281, 21040-21051	5.4	52
134	Gadd34 requirement for normal hemoglobin synthesis. <i>Molecular and Cellular Biology</i> , 2006 , 26, 1644-53	4.8	27
133	Regulation of ATM/p53-dependent suppression of myc-induced lymphomas by Wip1 phosphatase. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2793-9	16.6	105
132	Mutations that affect meiosis in male mice influence the dynamics of the mid-preleptotene and bouquet stages. <i>Experimental Cell Research</i> , 2006 , 312, 3768-81	4.2	50
131	p21 controls patterning but not homologous recombination in RPE development. <i>DNA Repair</i> , 2006 , 5, 111-20	4.3	6
130	Wip1 phosphatase modulates ATM-dependent signaling pathways. <i>Molecular Cell</i> , 2006 , 23, 757-64	17.6	285
129	Inhibition of the ATR/Chk1 pathway induces a p38-dependent S-phase delay in mouse embryonic stem cells. <i>Cell Cycle</i> , 2005 , 4, 1428-34	4.7	27
128	Chemical inhibition of Wip1 phosphatase contributes to suppression of tumorigenesis. <i>Cancer Biology and Therapy</i> , 2005 , 4, 1154-8	4.6	66
127	The autoimmune suppressor Gadd45alpha inhibits the T cell alternative p38 activation pathway. <i>Nature Immunology</i> , 2005 , 6, 396-402	19.1	81
126	Alternative p38 activation pathway mediated by T cell receptor-proximal tyrosine kinases. <i>Nature Immunology</i> , 2005 , 6, 390-5	19.1	232
125	Gadd45a acts as a modifier locus for lymphoblastic lymphoma. <i>Leukemia</i> , 2005 , 19, 847-50	10.7	4
124	Stress-specific signatures: expression profiling of p53 wild-type and -null human cells. <i>Oncogene</i> , 2005 , 24, 4572-9	9.2	116
123	Hematopoietic cells from Gadd45a- and Gadd45b-deficient mice are sensitized to genotoxic-stress-induced apoptosis. <i>Oncogene</i> , 2005 , 24, 7170-9	9.2	100
122	Loss of Gadd45a does not modify the pulmonary response to oxidative stress. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005 , 288, L663-71	5.8	9

121	Boolean relationships among genes responsive to ionizing radiation in the NCI 60 ACDS. <i>Bioinformatics</i> , 2005 , 21, 1542-9	7.2	14
120	Casein kinase 2- and protein kinase A-regulated adenomatous polyposis coli and beta-catenin cellular localization is dependent on p38 MAPK. <i>Journal of Biological Chemistry</i> , 2005 , 280, 17221-6	5.4	33
119	Cytokine-driven cell cycling is mediated through Cdc25A. <i>Journal of Cell Biology</i> , 2005 , 169, 755-63	7.3	54
118	Activating p38 MAPK: new tricks for an old kinase. <i>Cell Cycle</i> , 2005 , 4, 1189-92	4.7	78
117	Deletion of XPC leads to lung tumors in mice and is associated with early events in human lung carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13200-5	11.5	118
116	Microarray approaches for analysis of cell cycle regulatory genes. <i>Methods in Molecular Biology</i> , 2004 , 241, 125-41	1.4	2
115	Genetic interactions between Brca1 and Gadd45a in centrosome duplication, genetic stability, and neural tube closure. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29606-14	5.4	31
114	Human in vivo radiation-induced biomarkers: gene expression changes in radiotherapy patients. <i>Cancer Research</i> , 2004 , 64, 6368-71	10.1	184
113	p38 Mitogen-activated protein kinase inhibitor protects the epidermis against the acute damaging effects of ultraviolet irradiation by blocking apoptosis and inflammatory responses. <i>Journal of Investigative Dermatology</i> , 2004 , 122, 497-502	4.3	72
112	Inactivation of the Wip1 phosphatase inhibits mammary tumorigenesis through p38 MAPK-mediated activation of the p16(Ink4a)-p19(Arf) pathway. <i>Nature Genetics</i> , 2004 , 36, 343-50	36.3	364
111	Gadd45a regulates matrix metalloproteinases by suppressing DeltaNp63alpha and beta-catenin via p38 MAP kinase and APC complex activation. <i>Oncogene</i> , 2004 , 23, 1829-37	9.2	53
110	Surrogate tissue analysis: monitoring toxicant exposure and health status of inaccessible tissues through the analysis of accessible tissues and cells. <i>Toxicology and Applied Pharmacology</i> , 2004 , 194, 189-99	4.6	70
109	Functional genomics of UV radiation responses in human cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004 , 549, 65-78	3.3	48
108	p38 MAP kinase@emerging role as a tumor suppressor. <i>Advances in Cancer Research</i> , 2004 , 92, 95-118	5.9	222
107	The dark side of light: the damaging effects of UV rays and the protective efforts of MAP kinase signaling in the epidermis. <i>DNA Repair</i> , 2004 , 3, 567-80	4.3	22
106	Comparative analysis of the genetic structure and chromosomal mapping of the murine Gadd45g/CR6 gene. <i>DNA and Cell Biology</i> , 2003 , 22, 457-68	3.6	11
105	Transforming growth factor-beta-induced apoptosis is mediated by Smad-dependent expression of GADD45b through p38 activation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 43001-7	5.4	205
104	G2/M arrest by 1,25-dihydroxyvitamin D3 in ovarian cancer cells mediated through the induction of GADD45 via an exonic enhancer. <i>Journal of Biological Chemistry</i> , 2003 , 278, 48030-40	5.4	104

103	Phosphorylation of Xenopus Cdc25C at Ser285 Interferes with Ability to Activate a DNA Damage Replication Checkpoint in the Pre-Midblastula Embryos. <i>Cell Cycle</i> , 2003 , 2, 262-265	4-7	14
102	Regulation of Human Cdc25A Stability by Serine 75 Phosphorylation Is Not Sufficient to Activate a S-phase Checkpoint. <i>Cell Cycle</i> , 2003 , 2, 471-476	4-7	57
101	Microarray approaches for analysis of tumor suppressor gene function. <i>Methods in Molecular Biology</i> , 2003 , 223, 141-54	1.4	3
100	Monitoring human radiation exposure by gene expression profiling: possibilities and pitfalls. <i>Health Physics</i> , 2003 , 85, 36-42	2.3	48
99	Gadd34 functional domains involved in growth suppression and apoptosis. <i>Oncogene</i> , 2003 , 22, 3827-32	9.2	34
98	Functional genomics as a window on radiation stress signaling. <i>Oncogene</i> , 2003 , 22, 5828-33	9.2	87
97	Dual phosphorylation controls Cdc25 phosphatases and mitotic entry. <i>Nature Cell Biology</i> , 2003 , 5, 545-54	3.4	155
96	Phosphorylation site interdependence of human p53 post-translational modifications in response to stress. <i>Journal of Biological Chemistry</i> , 2003 , 278, 37536-44	5.4	188
95	Loss of oncogenic H-ras-induced cell cycle arrest and p38 mitogen-activated protein kinase activation by disruption of Gadd45a. <i>Molecular and Cellular Biology</i> , 2003 , 23, 3859-71	4.8	133
94	Complexity of Stress Signaling and Responses 2003 , 179-184		2
93	Differential responses of stress genes to low dose-rate gamma irradiation. <i>Molecular Cancer Research</i> , 2003 , 1, 445-52	6.6	149
92	Regulation of human Cdc25A stability by Serine 75 phosphorylation is not sufficient to activate a S phase checkpoint. <i>Cell Cycle</i> , 2003 , 2, 473-8	4.7	41
91	Atm-, p53-, and Gadd45a-deficient mice show an increased frequency of homologous recombination at different stages during development. <i>Cancer Research</i> , 2003 , 63, 5335-43	10.1	38
90	Stress-Gene Induction by Low-Dose Gamma Irradiation. <i>Military Medicine</i> , 2002 , 167, 13-15	1.3	41
89	Genomic instability, centrosome amplification, cell cycle checkpoints and Gadd45a. <i>Oncogene</i> , 2002 , 21, 6228-33	9.2	121
88	ATF3 induction following DNA damage is regulated by distinct signaling pathways and over-expression of ATF3 protein suppresses cells growth. <i>Oncogene</i> , 2002 , 21, 7488-96	9.2	147
87	Amplification of PPM1D in human tumors abrogates p53 tumor-suppressor activity. <i>Nature Genetics</i> , 2002 , 31, 210-5	36.3	360
86	Rapid activation of G2/M checkpoint after hypertonic stress in renal inner medullary epithelial (IME) cells is protective and requires p38 kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 184-9	11.5	75

85	Chemotherapeutic targeting of p53. <i>Cancer Biology and Therapy</i> , 2002 , 1, 56-7	4.6	7
84	DNA repair pathway stimulated by the forkhead transcription factor FOXO3a through the Gadd45 protein. <i>Science</i> , 2002 , 296, 530-4	33.3	692
83	Mice lacking the p53-effector gene Gadd45a develop a lupus-like syndrome. <i>Immunity</i> , 2002 , 16, 499-508	2.3	159
82	p38 and Chk1 kinases: different conductors for the G(2)/M checkpoint symphony. <i>Current Opinion in Genetics and Development</i> , 2002 , 12, 92-7	4.9	156
81	Obtaining and Evaluating Gene Expression Profiles with cDNA Microarrays 2002 , 5-25		
80	Gadd45a: an elusive yet attractive candidate gene in pancreatic cancer. <i>Clinical Cancer Research</i> , 2002 , 8, 2475-9	12.9	35
79	Gadd45a protects against UV irradiation-induced skin tumors, and promotes apoptosis and stress signaling via MAPK and p53. <i>Cancer Research</i> , 2002 , 62, 7305-15	10.1	183
78	Activation of Gadd34 by diverse apoptotic signals and suppression of its growth inhibitory effects by apoptotic inhibitors. <i>International Journal of Cancer</i> , 2001 , 96, 22-31	7.5	53
77	Initiation of a G2/M checkpoint after ultraviolet radiation requires p38 kinase. <i>Nature</i> , 2001 , 411, 102-7	50.4	456
76	Oligomerization of human Gadd45a protein. <i>Journal of Biological Chemistry</i> , 2001 , 276, 39330-9	5.4	64
75	Induction of gene expression as a monitor of exposure to ionizing radiation. <i>Radiation Research</i> , 2001 , 156, 657-61	3.1	126
74	Physiological function as regulation of large transcriptional programs: the cellular response to genotoxic stress. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001 , 129, 703-10	2.3	38
73	Role of p53 family members in apoptosis. <i>Journal of Cellular Physiology</i> , 2000 , 182, 171-81	7	139
72	BRCA1 activation of the GADD45 promoter. <i>Oncogene</i> , 2000 , 19, 4050-7	9.2	83
71	Role of Gadd45 in apoptosis. <i>Biochemical Pharmacology</i> , 2000 , 59, 43-5	6	159
70	p53-mediated DNA repair responses to UV radiation: studies of mouse cells lacking p53, p21, and/or gadd45 genes. <i>Molecular and Cellular Biology</i> , 2000 , 20, 3705-14	4.8	369
69	The GADD45 inhibition of Cdc2 kinase correlates with GADD45-mediated growth suppression. <i>Journal of Biological Chemistry</i> , 2000 , 275, 16602-8	5.4	158
68	The central region of Gadd45 is required for its interaction with p21/WAF1. <i>Experimental Cell Research</i> , 2000 , 258, 92-100	4.2	58

67	The TRAIL decoy receptor TRUNDD (DcR2, TRAIL-R4) is induced by adenovirus-p53 overexpression and can delay TRAIL-, p53-, and KILLER/DR5-dependent colon cancer apoptosis. <i>Molecular Therapy</i> , 2000 , 1, 130-44	11.7	99
66	Identification of potential mRNA biomarkers in peripheral blood lymphocytes for human exposure to ionizing radiation. <i>Radiation Research</i> , 2000 , 154, 342-6	3.1	227
65	Cloning and characterization of a human genotoxic and endoplasmic reticulum stress-inducible cDNA that encodes translation initiation factor 1(eIF1(A121/SUI1)). <i>Journal of Biological Chemistry</i> , 1999 , 274, 16487-93	5.4	24
64	Genomic instability in Gadd45a-deficient mice. <i>Nature Genetics</i> , 1999 , 23, 176-84	36.3	418
63	Inhibitory effect of Bcl-2 on p53-mediated transactivation following genotoxic stress. <i>Oncogene</i> , 1999 , 18, 297-304	9.2	44
62	Association with Cdc2 and inhibition of Cdc2/Cyclin B1 kinase activity by the p53-regulated protein Gadd45. <i>Oncogene</i> , 1999 , 18, 2892-900	9.2	388
61	Fluorescent cDNA microarray hybridization reveals complexity and heterogeneity of cellular genotoxic stress responses. <i>Oncogene</i> , 1999 , 18, 3666-72	9.2	284
60	Serine protease inhibitor TPCK prevents Taxol-induced cell death and blocks c-Raf-1 and Bcl-2 phosphorylation in human breast carcinoma cells. <i>Oncogene</i> , 1999 , 18, 3431-9	9.2	70
59	The antiapoptotic decoy receptor TRID/TRAIL-R3 is a p53-regulated DNA damage-inducible gene that is overexpressed in primary tumors of the gastrointestinal tract. <i>Oncogene</i> , 1999 , 18, 4153-9	9.2	139
58	Regulation of translation initiation following stress. <i>Oncogene</i> , 1999 , 18, 6121-8	9.2	103
57	Induction of Stress Genes by Low Doses of Gamma Rays. <i>Radiation Research</i> , 1999 , 152, 225	3.1	133
56	Gadd45, a p53-responsive stress protein, modifies DNA accessibility on damaged chromatin. <i>Molecular and Cellular Biology</i> , 1999 , 19, 1673-85	4.8	228
55	Leukemic HRX fusion proteins inhibit GADD34-induced apoptosis and associate with the GADD34 and hSNF5/INI1 proteins. <i>Molecular and Cellular Biology</i> , 1999 , 19, 7050-60	4.8	137
54	Ultraviolet-irradiation-induced apoptosis is mediated via ligand independent activation of tumor necrosis factor receptor 1. <i>Oncogene</i> , 1998 , 17, 2555-63	9.2	111
53	Roles for p53 in growth arrest and apoptosis: putting on the brakes after genotoxic stress. <i>Oncogene</i> , 1998 , 17, 3287-99	9.2	352
52	Chromatin relaxation by overexpression of mutant p53, HPV16-E6, or cyclin G transgenes. <i>Experimental Cell Research</i> , 1998 , 242, 235-43	4.2	12
51	Evidence for distinct kinase-mediated pathways in gadd gene responses. <i>Biochemical Pharmacology</i> , 1998 , 55, 853-61	6	21
50	p53 regulates human insulin-like growth factor II gene expression through active P4 promoter in rhabdomyosarcoma cells. <i>DNA and Cell Biology</i> , 1998 , 17, 125-31	3.6	39

49	Tumor suppressor p53 can participate in transcriptional induction of the GADD45 promoter in the absence of direct DNA binding. <i>Molecular and Cellular Biology</i> , 1998 , 18, 2768-78	4.8	143
48	Mammalian GADD34, an apoptosis- and DNA damage-inducible gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 13731-7	5.4	128
47	Identification of several human homologs of hamster DNA damage-inducible transcripts. Cloning and characterization of a novel UV-inducible cDNA that codes for a putative RNA-binding protein. <i>Journal of Biological Chemistry</i> , 1997 , 272, 26720-6	5.4	77
46	The p53-regulated cyclin G gene promotes cell growth: p53 downstream effectors cyclin G and Gadd45 exert different effects on cisplatin chemosensitivity. <i>Experimental Cell Research</i> , 1997 , 230, 61-84 ^{4.2}	4.2	70
45	Induction of BCL2 family member MCL1 as an early response to DNA damage. <i>Oncogene</i> , 1997 , 14, 1031-9.2	9.2	74
44	Role of p21Waf1/Cip1/Sdi1 in cell death and DNA repair as studied using a tetracycline-inducible system in p53-deficient cells. <i>Oncogene</i> , 1997 , 14, 1875-82	9.2	105
43	Cells lacking CIP1/WAF1 genes exhibit preferential sensitivity to cisplatin and nitrogen mustard. <i>Oncogene</i> , 1997 , 14, 2127-36	9.2	150
42	Myc represses the growth arrest gene gadd45. <i>Oncogene</i> , 1997 , 14, 2825-34	9.2	126
41	Identification of an additional p53-responsive site in the human epidermal growth factor receptor gene promotor. <i>Oncogene</i> , 1997 , 15, 1095-101	9.2	40
40	Abrogation of p53 function affects gadd gene responses to DNA base-damaging agents and starvation. <i>DNA and Cell Biology</i> , 1996 , 15, 805-15	3.6	86
39	Characterization of the GADD45 response to ionizing radiation in WI-L2-NS cells, a p53 mutant cell line. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996 , 352, 79-86	3.3	14
38	Mammalian DNA damage-inducible genes associated with growth arrest and apoptosis. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1996 , 340, 109-24		96
37	The production and characterization of murine monoclonal antibodies to human Gadd45 raised against a recombinant protein. <i>Hybridoma</i> , 1995 , 14, 355-9		8
36	Induction of gadd153 gene in G0-specific ts mutant cells at nonpermissive temperature. <i>Experimental Cell Research</i> , 1995 , 217, 324-8	4.2	4
35	Induction of p53-, MDM2-, and WAF1/CIP1-like molecules in insect cells by DNA-damaging agents. <i>Experimental Cell Research</i> , 1995 , 217, 541-5	4.2	24
34	Genomic instability and the role of p53 mutations in cancer cells. <i>Current Opinion in Oncology</i> , 1995 , 7, 68-75	4.2	79
33	Activation of HIV type 1 long terminal repeat by ultraviolet light is serum and strain specific. <i>AIDS Research and Human Retroviruses</i> , 1994 , 10, 767-73	1.6	2
32	Overexpression of the radiation-inducible gene, GADD153, in drug-resistant burkitt lymphoma cells. <i>Radiation Oncology Investigations</i> , 1994 , 2, 157-163		1

31	Role of retinoblastoma gene product in p53-mediated DNA damage response. <i>Experimental Cell Research</i> , 1994 , 215, 386-9	4.2	21
30	Cyclobutane pyrimidine dimers in UV-DNA induce release of soluble mediators that activate the human immunodeficiency virus promoter. <i>Journal of Investigative Dermatology</i> , 1993 , 100, 790-4	4.3	36
29	Mammalian genes induced by radiation; activation of genes associated with growth control. <i>Annual Review of Genetics</i> , 1992 , 26, 507-26	14.5	259
28	Isolation, characterization and chromosomal localization of the human GADD153 gene. <i>Gene</i> , 1992 , 116, 259-67	3.8	120
27	Genotoxic-stress-response genes and growth-arrest genes. gadd, MyD, and other genes induced by treatments eliciting growth arrest. <i>Annals of the New York Academy of Sciences</i> , 1992 , 663, 139-53	6.5	176
26	A mammalian cell cycle checkpoint pathway utilizing p53 and GADD45 is defective in ataxia-telangiectasia. <i>Cell</i> , 1992 , 71, 587-97	56.2	2767
25	DNA-damage inducible genes. <i>Cancer Treatment and Research</i> , 1991 , 57, 13-36	3.5	10
24	Low-ratio hybridization subtraction. <i>Analytical Biochemistry</i> , 1990 , 187, 364-73	3.1	36
23	Enhancement of radiation damage in cellular DNA following unifilar substitution with iododeoxyuridine. <i>International Journal of Radiation Oncology Biology Physics</i> , 1990 , 18, 873-8	4	33
22	Expression of the poly(ADP-ribose) polymerase gene following natural and induced DNA strand breakage and effect of hyperexpression on DNA repair. <i>Carcinogenesis</i> , 1990 , 11, 123-8	4.6	48
21	DNA Repair and Its Pathogenetic Implications 1990 , 171-189		
20	Ubiquitin mRNA is a major stress-induced transcript in mammalian cells. <i>Nucleic Acids Research</i> , 1989 , 17, 1215-30	20.1	132
19	Induction of heat shock protein transcripts and B2 transcripts by various stresses in Chinese hamster cells. <i>Experimental Cell Research</i> , 1989 , 182, 61-74	4.2	83
18	Recovery of mitomycin C-treated mouse 10T1/2 cells during confluent holding. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1988 , 198, 153-60	3.3	2
17	Alzheimer disease fibroblasts have normal repair of N-methyl-N-nitro-N-nitrosoguanidine-induced DNA damage determined by the alkaline elution technique. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 149, 355-61	3.4	19
16	Enhancement of X ray induced DNA damage by pre-treatment with halogenated pyrimidine analogs. <i>International Journal of Radiation Oncology Biology Physics</i> , 1987 , 13, 733-9	4	116
15	Modulation of X ray DNA damage by SR-2508 +/- buthionine sulfoximine. <i>International Journal of Radiation Oncology Biology Physics</i> , 1986 , 12, 1127-30	4	10
14	Induction of B2 RNA polymerase III transcription by heat shock: enrichment for heat shock induced sequences in rodent cells by hybridization subtraction. <i>Nucleic Acids Research</i> , 1986 , 14, 5793-811	20.1	128

13	Analysis of the effect of DNA alkylation on alkaline elution. <i>Carcinogenesis</i> , 1986 , 7, 927-32	4.6	30
12	Repair of E-Ray-Induced DNA Base Damage in Xeroderma Pigmentosum Cells. <i>Radiation Research</i> , 1986 , 106, 73	3.1	12
11	Human O6-alkylguanine-DNA alkyltransferase fails to repair O4-methylthymine and methyl phosphotriesters in DNA as efficiently as does the alkyltransferase from <i>Escherichia coli</i> . <i>Carcinogenesis</i> , 1985 , 6, 949-53	4.6	46
10	Evolution and structure of the fibrinogen genes. Random insertion of introns or selective loss?. <i>Journal of Molecular Biology</i> , 1985 , 185, 1-19	6.5	74
9	Detection of DNA Single-Strand Breaks during the Repair of UV Damage in Xeroderma Pigmentosum Cells. <i>Radiation Research</i> , 1983 , 93, 107	3.1	7
8	Normal repair of ultraviolet-induced DNA damage in a hypersensitive strain of fibroblasts from a patient with Gardner's syndrome. <i>Mutation Research - DNA Repair Reports</i> , 1983 , 112, 383-95		
7	Recombination of parent and daughter strand DNA after UV-irradiation in mammalian cells. <i>Nature</i> , 1983 , 304, 552-4	50.4	37
6	DNA repair in human bronchial epithelial cells. <i>Carcinogenesis</i> , 1982 , 3, 1373-7	4.6	38
5	Normal repair of DNA single-strand breaks in patients with ataxia telangiectasia. <i>Nucleic Acids and Protein Synthesis</i> , 1980 , 607, 432-7		42
4	DNA repair in a Fanconi's anemia fibroblast cell strain. <i>Nucleic Acids and Protein Synthesis</i> , 1979 , 561, 99-109		77
3	DNA crosslinking induced by x-rays and chemical agents. <i>Nucleic Acids and Protein Synthesis</i> , 1977 , 477, 343-55		107
2	DNA-protein cross-linking by ultraviolet radiation in normal human and xeroderma pigmentosum fibroblasts. <i>Nucleic Acids and Protein Synthesis</i> , 1976 , 435, 95-103		74
1	Role of p53 family members in apoptosis		1