

Michael J Atkinson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8788298/publications.pdf>

Version: 2024-02-01

183
papers

6,420
citations

76031

42
h-index

97045

71
g-index

186
all docs

186
docs citations

186
times ranked

8366
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining HDAC and MEK Inhibitors with Radiation against Glioblastoma-Derived Spheres. <i>Cells</i> , 2022, 11, 775.	1.8	11
2	The Chaperone Protein GRP78 Promotes Survival and Migration of Head and Neck Cancer After Direct Radiation Exposure and Extracellular Vesicle-Transfer. <i>Frontiers in Oncology</i> , 2022, 12, 842418.	1.3	9
3	Quantifying telomeric lncRNAs using PNA-labelled RNA-Flow FISH (RNA-Flow). <i>Communications Biology</i> , 2022, 5, .	2.0	1
4	The Coming of Age for Big Data in Systems Radiobiology, an Engineering Perspective. <i>Big Data</i> , 2021, 9, 63-71.	2.1	2
5	A Five-Year report on the conception and establishment of the MSc Radiation Biology at the Technical University of Munich. <i>International Journal of Radiation Biology</i> , 2021, 97, 256-264.	1.0	0
6	Isolation of Proteins from Extracellular Vesicles (EVs) for Mass Spectrometry-Based Proteomic Analyses. <i>Methods in Molecular Biology</i> , 2021, 2261, 207-212.	0.4	1
7	Quantitative Proteomic Analysis Using Formalin-Fixed, Paraffin-Embedded (FFPE) Human Cardiac Tissue. <i>Methods in Molecular Biology</i> , 2021, 2261, 525-533.	0.4	2
8	In vitro cellular and proteome assays identify Wnt pathway and CDKN2A-regulated senescence affected in mesenchymal stem cells from mice after a chronic LD gamma irradiation in utero. <i>Radiation and Environmental Biophysics</i> , 2021, 60, 397-410.	0.6	0
9	Data-Independent Acquisition Proteomics Reveals Long-Term Biomarkers in the Serum of C57BL/6J Mice Following Local High-Dose Heart Irradiation. <i>Frontiers in Public Health</i> , 2021, 9, 678856.	1.3	4
10	Activation of PPAR α by Fenofibrate Attenuates the Effect of Local Heart High Dose Irradiation on the Mouse Cardiac Proteome. <i>Biomedicines</i> , 2021, 9, 1845.	1.4	5
11	CREB Signaling Mediates Dose-Dependent Radiation Response in the Murine Hippocampus Two Years after Total Body Exposure. <i>Journal of Proteome Research</i> , 2020, 19, 337-345.	1.8	16
12	Data independent acquisition mass spectrometry of irradiated mouse lung endothelial cells reveals a STAT-associated inflammatory response. <i>International Journal of Radiation Biology</i> , 2020, 96, 642-650.	1.0	5
13	Chronic Occupational Exposure to Ionizing Radiation Induces Alterations in the Structure and Metabolism of the Heart: A Proteomic Analysis of Human Formalin-Fixed Paraffin-Embedded (FFPE) Cardiac Tissue. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6832.	1.8	17
14	MEK1 Inhibitor Combined with Irradiation Reduces Migration of Breast Cancer Cells Including miR-221 and ZEB1 EMT Marker Expression. <i>Cancers</i> , 2020, 12, 3760.	1.7	8
15	Radiation Response of Human Cardiac Endothelial Cells Reveals a Central Role of the cGAS-STING Pathway in the Development of Inflammation. <i>Proteomes</i> , 2020, 8, 30.	1.7	13
16	Is there any supportive evidence for low dose radiotherapy for COVID-19 pneumonia?. <i>International Journal of Radiation Biology</i> , 2020, 96, 1228-1235.	1.0	21
17	Extended <i>in vitro</i> culture of primary human mesenchymal stem cells downregulates <i>Brcal</i> related genes and impairs DNA double-strand break recognition. <i>FEBS Open Bio</i> , 2020, 10, 1238-1250.	1.0	7
18	Low dose radiation therapy for COVID-19 pneumonia: is there any supportive evidence?. <i>International Journal of Radiation Biology</i> , 2020, 96, 1224-1227.	1.0	25

#	ARTICLE	IF	CITATIONS
19	Radiation Exposure of Peripheral Mononuclear Blood Cells Alters the Composition and Function of Secreted Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2336.	1.8	18
20	Oncogenic Linear Collagen VI of Invasive Breast Cancer Is Induced by CCL5. <i>Journal of Clinical Medicine</i> , 2020, 9, 991.	1.0	13
21	Comparison of methods to isolate proteins from extracellular vesicles for mass spectrometry-based proteomic analyses. <i>Analytical Biochemistry</i> , 2019, 584, 113390.	1.1	39
22	Long-term culture of mesenchymal stem cells impairs ATM-dependent recognition of DNA breaks and increases genetic instability. <i>Stem Cell Research and Therapy</i> , 2019, 10, 218.	2.4	43
23	Comparison of Radiosensitization by HDAC Inhibitors CUDC-101 and SAHA in Pancreatic Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3259.	1.8	33
24	Hyperacetylation of Cardiac Mitochondrial Proteins Is Associated with Metabolic Impairment and Sirtuin Downregulation after Chronic Total Body Irradiation of ApoE ^{-/-} Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5239.	1.8	27
25	Radiation effects on early phase of NT2/D1 neural differentiation in vitro. <i>International Journal of Radiation Biology</i> , 2019, 95, 1627-1639.	1.0	1
26	PARTICLE ⁺ The RNA podium for genomic silencers. <i>Journal of Cellular Physiology</i> , 2019, 234, 19464-19470.	2.0	9
27	Mathematical Modelling and Effect Size Analysis in Support of Searching for the Proteomic Signature of Radiotherapy Toxicity. , 2019, , .		0
28	Combined Treatment with Low-Dose Ionizing Radiation and Ketamine Induces Adverse Changes in CA1 Neuronal Structure in Male Murine Hippocampi. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6103.	1.8	7
29	SOX3 can promote the malignant behavior of glioblastoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 41-54.	2.1	27
30	Students'™ expectations in an international Master of Science course in radiation biology. <i>International Journal of Radiation Biology</i> , 2019, 95, 233-237.	1.0	3
31	Lifetime study in mice after acute low-dose ionizing radiation: a multifactorial study with special focus on cataract risk. <i>Radiation and Environmental Biophysics</i> , 2018, 57, 99-113.	0.6	30
32	PPAR α Is Necessary for Radiation-Induced Activation of Noncanonical TGF β 2 Signaling in the Heart. <i>Journal of Proteome Research</i> , 2018, 17, 1677-1689.	1.8	17
33	Differential response of normal and transformed mammary epithelial cells to combined treatment of anti-miR-21 and radiation. <i>International Journal of Radiation Biology</i> , 2017, 93, 361-372.	1.0	7
34	Quantitative changes in the protein and miRNA cargo of plasma exosome-like vesicles after exposure to ionizing radiation. <i>International Journal of Radiation Biology</i> , 2017, 93, 569-580.	1.0	63
35	The Rb1 tumour suppressor gene modifies telomeric chromatin architecture by regulating TERRA expression. <i>Scientific Reports</i> , 2017, 7, 42056.	1.6	16
36	Long non-coding RNA PARTICLE bridges histone and DNA methylation. <i>Scientific Reports</i> , 2017, 7, 1790.	1.6	43

#	ARTICLE	IF	CITATIONS
37	Radiation alters the cargo of exosomes released from squamous head and neck cancer cells to promote migration of recipient cells. <i>Scientific Reports</i> , 2017, 7, 12423.	1.6	92
38	Radiation-Induced Endothelial Inflammation Is Transferred via the Secretome to Recipient Cells in a STAT-Mediated Process. <i>Journal of Proteome Research</i> , 2017, 16, 3903-3916.	1.8	18
39	Proteome analysis of irradiated endothelial cells reveals persistent alteration in protein degradation and the RhoGDI and NO signalling pathways. <i>International Journal of Radiation Biology</i> , 2017, 93, 920-928.	1.0	16
40	Role of TGF Beta and PPAR Alpha Signaling Pathways in Radiation Response of Locally Exposed Heart: Integrated Global Transcriptomics and Proteomics Analysis. <i>Journal of Proteome Research</i> , 2017, 16, 307-318.	1.8	39
41	Low-dose radiation differentially regulates protein acetylation and histone deacetylase expression in human coronary artery endothelial cells. <i>International Journal of Radiation Biology</i> , 2017, 93, 156-164.	1.0	12
42	Radiation induced transcriptional and post-transcriptional regulation of the hsa-miR-23a ~ 27a ~ 24-2 cluster suppresses apoptosis by stabilizing XIAP. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 1127-1137.	0.9	13
43	Poster session 18: Cells, materials and biochemistry II. <i>Biomedizinische Technik</i> , 2017, 62, .	0.9	0
44	Master of Science (MSc) Program in Radiation Biology: An Interdepartmental Course Bridging the Gap between Radiation-Related Preclinical and Clinical Disciplines to Prepare Next-Generation Medical Scientists. <i>Frontiers in Oncology</i> , 2017, 7, 226.	1.3	3
45	A dose-dependent perturbation in cardiac energy metabolism is linked to radiation-induced ischemic heart disease in Mayak nuclear workers. <i>Oncotarget</i> , 2017, 8, 9067-9078.	0.8	50
46	p53-Dependent Senescence in Mesenchymal Stem Cells under Chronic Normoxia Is Potentiated by Low-Dose γ -Irradiation. <i>Stem Cells International</i> , 2016, 2016, 1-11.	1.2	11
47	Exosomes Derived from Squamous Head and Neck Cancer Promote Cell Survival after Ionizing Radiation. <i>PLoS ONE</i> , 2016, 11, e0152213.	1.1	127
48	Three-dimensional microtissues essentially contribute to preclinical validations of therapeutic targets in breast cancer. <i>Cancer Medicine</i> , 2016, 5, 703-710.	1.3	29
49	In-Utero Low-Dose Irradiation Leads to Persistent Alterations in the Mouse Heart Proteome. <i>PLoS ONE</i> , 2016, 11, e0156952.	1.1	13
50	<i>Ex vivo</i> miRNome analysis in <i>Ptch1</i> ^{+/Δ} cerebellum granule cells reveals a subset of miRNAs involved in radiation-induced medulloblastoma. <i>Oncotarget</i> , 2016, 7, 68253-68269.	0.8	11
51	Age-related effects of X-ray irradiation on mouse hippocampus. <i>Oncotarget</i> , 2016, 7, 28040-28058.	0.8	44
52	MicroRNAs as novel elements in personalized radiotherapy. <i>Translational Cancer Research</i> , 2016, 5, S1262-S1269.	0.4	21
53	Quantitative and integrated proteome and microRNA analysis of endothelial replicative senescence. <i>Journal of Proteomics</i> , 2015, 126, 12-23.	1.2	25
54	Long-term consequences of in utero irradiated mice indicate proteomic changes in synaptic plasticity related signalling. <i>Proteome Science</i> , 2015, 13, 26.	0.7	11

#	ARTICLE	IF	CITATIONS
55	Ionizing radiation induces immediate protein acetylation changes in human cardiac microvascular endothelial cells. <i>Journal of Radiation Research</i> , 2015, 56, 623-632.	0.8	21
56	Realising the European network of biodosimetry: RENEB--status quo. <i>Radiation Protection Dosimetry</i> , 2015, 164, 42-45.	0.4	41
57	Total Body Exposure to Low-Dose Ionizing Radiation Induces Long-Term Alterations to the Liver Proteome of Neonatally Exposed Mice. <i>Journal of Proteome Research</i> , 2015, 14, 366-373.	1.8	33
58	Integrative Proteomics and Targeted Transcriptomics Analyses in Cardiac Endothelial Cells Unravel Mechanisms of Long-Term Radiation-Induced Vascular Dysfunction. <i>Journal of Proteome Research</i> , 2015, 14, 1203-1219.	1.8	86
59	A 3D-microtissue-based phenotypic screening of radiation resistant tumor cells with synchronized chemotherapeutic treatment. <i>BMC Cancer</i> , 2015, 15, 466.	1.1	43
60	PARTICLE, a Triplex-Forming Long ncRNA, Regulates Locus-Specific Methylation in Response to Low-Dose Irradiation. <i>Cell Reports</i> , 2015, 11, 474-485.	2.9	189
61	Low-Dose Ionizing Radiation Rapidly Affects Mitochondrial and Synaptic Signaling Pathways in Murine Hippocampus and Cortex. <i>Journal of Proteome Research</i> , 2015, 14, 2055-2064.	1.8	45
62	European low-dose radiation risk research strategy: future of research on biological effects at low doses. <i>Radiation Protection Dosimetry</i> , 2015, 164, 38-41.	0.4	13
63	Neonatal Irradiation Leads to Persistent Proteome Alterations Involved in Synaptic Plasticity in the Mouse Hippocampus and Cortex. <i>Journal of Proteome Research</i> , 2015, 14, 4674-4686.	1.8	23
64	Spots, Damn'd spots and γ H2AX foci. <i>Cell Cycle</i> , 2015, 14, 947-947.	1.3	1
65	Qualitative and Quantitative Proteomic Analysis of Formalin-Fixed Paraffin-Embedded (FFPE) Tissue. <i>Methods in Molecular Biology</i> , 2015, 1295, 109-115.	0.4	5
66	Oncogenic features of the bone morphogenic protein 7 (BMP7) in pheochromocytoma. <i>Oncotarget</i> , 2015, 6, 39111-39126.	0.8	15
67	Acceleration of atherogenesis in <i>ApoE^{-/-}</i> mice exposed to acute or low-dose-rate ionizing radiation. <i>Oncotarget</i> , 2015, 6, 31263-31271.	0.8	45
68	The cognitive defects of neonatally irradiated mice are accompanied by changed synaptic plasticity, adult neurogenesis and neuroinflammation. <i>Molecular Neurodegeneration</i> , 2014, 9, 57.	4.4	95
69	Systematic improvement of lentivirus transduction protocols by antibody fragments fused to VSV-G as envelope glycoprotein. <i>Biomaterials</i> , 2014, 35, 4204-4212.	5.7	10
70	Proteomics in radiation research: present status and future perspectives. <i>Radiation and Environmental Biophysics</i> , 2014, 53, 31-38.	0.6	26
71	A Rb1 promoter variant with reduced activity contributes to osteosarcoma susceptibility in irradiated mice. <i>Molecular Cancer</i> , 2014, 13, 182.	7.9	14
72	Ionising Radiation Immediately Impairs Synaptic Plasticity-Associated Cytoskeletal Signalling Pathways in HT22 Cells and in Mouse Brain: An In Vitro/In Vivo Comparison Study. <i>PLoS ONE</i> , 2014, 9, e110464.	1.1	43

#	ARTICLE	IF	CITATIONS
73	Long-term effects of acute low-dose ionizing radiation on the neonatal mouse heart: a proteomic study. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 451-461.	0.6	26
74	Are mouse lens epithelial cells more sensitive to ^{137}Cs -irradiation than lymphocytes?. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 279-286.	0.6	22
75	Long-term effects of ionising radiation on the brain: cause for concern?. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 5-16.	0.6	42
76	<i>p53</i> Haploinsufficiency Promotes Telomere Attrition and Radiation-Induced Genomic Instability. <i>Cancer Research</i> , 2013, 73, 4247-4255.	0.4	25
77	Changes in circulating microRNAs after radiochemotherapy in head and neck cancer patients. <i>Radiation Oncology</i> , 2013, 8, 296.	1.2	88
78	MiR-221/222 differentiate prognostic groups in advanced breast cancers and influence cell invasion. <i>British Journal of Cancer</i> , 2013, 109, 2714-2723.	2.9	54
79	A Mechanistic Model for Medulloblastoma Induction in Mice. <i>Radiation Research</i> , 2013, 179, 610-614.	0.7	3
80	Integrative proteomic and microRNA analysis of primary human coronary artery endothelial cells exposed to low-dose gamma radiation. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 87-98.	0.6	34
81	State of the art in research into the risk of low dose radiation exposure – findings of the fourth MELODI workshop. <i>Journal of Radiological Protection</i> , 2013, 33, 589-603.	0.6	10
82	Quantitative proteomic analysis reveals induction of premature senescence in human umbilical vein endothelial cells exposed to chronic low-dose rate gamma radiation. <i>Proteomics</i> , 2013, 13, 1096-1107.	1.3	102
83	Ionising radiation induces persistent alterations in the cardiac mitochondrial function of C57BL/6 mice 40 weeks after local heart exposure. <i>Radiotherapy and Oncology</i> , 2013, 106, 404-410.	0.3	65
84	PPAR Alpha: A Novel Radiation Target in Locally Exposed <i>Mus musculus</i> Heart Revealed by Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2013, 12, 2700-2714.	1.8	56
85	The PI3K/Akt/mTOR Pathway Is Implicated in the Premature Senescence of Primary Human Endothelial Cells Exposed to Chronic Radiation. <i>PLoS ONE</i> , 2013, 8, e70024.	1.1	82
86	Cell Survival Following Radiation Exposure Requires miR-525-3p Mediated Suppression of ARRB1 and TXN1. <i>PLoS ONE</i> , 2013, 8, e77484.	1.1	16
87	Radiation Treatment Effects on the Proteome of the Tumour Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2013, 990, 49-60.	0.8	13
88	UVA and UVB Irradiation Differentially Regulate microRNA Expression in Human Primary Keratinocytes. <i>PLoS ONE</i> , 2013, 8, e83392.	1.1	47
89	Realising the European Network of Biodosimetry (RENEB). <i>Radiation Protection Dosimetry</i> , 2012, 151, 621-625.	0.4	54
90	Strong expression of CXCL12 is associated with a favorable outcome in osteosarcoma. <i>Modern Pathology</i> , 2012, 25, 522-528.	2.9	34

#	ARTICLE	IF	CITATIONS
91	Secondary Radiation-Induced Bone Tumours Demonstrate a High Degree of Genomic Instability Predictive of a Poor Prognosis. <i>Current Genomics</i> , 2012, 13, 433-437.	0.7	9
92	Differences in the Susceptibility to Iodine ¹³¹ -induced Thyroid Tumours amongst Inbred Mouse Strains. <i>Journal of Radiation Research</i> , 2012, 53, 343-352.	0.8	2
93	MicroRNA profiling with correlation to gene expression revealed the oncogenic miR-17-92 cluster to be up-regulated in osteosarcoma. <i>Cancer Genetics</i> , 2012, 205, 212-219.	0.2	60
94	Poloxamer synperonic F108 improves cellular transduction with lentiviral vectors. <i>Journal of Gene Medicine</i> , 2012, 14, 549-560.	1.4	51
95	Radiation resistance due to high expression of miR-21 and G2/M checkpoint arrest in breast cancer cells. <i>Radiation Oncology</i> , 2012, 7, 206.	1.2	100
96	Proteomic analysis by SILAC and 2D-DIGE reveals radiation-induced endothelial response: Four key pathways. <i>Journal of Proteomics</i> , 2012, 75, 2319-2330.	1.2	41
97	Label-free protein profiling of formalin-fixed paraffin-embedded (FFPE) heart tissue reveals immediate mitochondrial impairment after ionising radiation. <i>Journal of Proteomics</i> , 2012, 75, 2384-2395.	1.2	35
98	MicroRNA-Mediated Processes are Essential for the Cellular Radiation Response. <i>Radiation Research</i> , 2011, 176, 575.	0.7	66
99	Aberrant expression of the human epidermal growth factor receptor 2 oncogene is not a common feature in osteosarcoma. <i>Human Pathology</i> , 2011, 42, 859-866.	1.1	5
100	Allelic Imbalances in Radiation-Associated Acute Myeloid Leukemia. <i>Genes</i> , 2011, 2, 384-393.	1.0	5
101	Radiation-Induced Signaling Results in Mitochondrial Impairment in Mouse Heart at 4 Weeks after Exposure to X-Rays. <i>PLoS ONE</i> , 2011, 6, e27811.	1.1	134
102	Response to low-dose X-irradiation is p53-dependent in a papillary thyroid carcinoma model system. <i>International Journal of Oncology</i> , 2011, 39, 1429-41.	1.4	2
103	Opposite modifying effects of HR and NHEJ deficiency on cancer risk in Ptc1 heterozygous mouse cerebellum. <i>Oncogene</i> , 2011, 30, 4740-4749.	2.6	10
104	Differential effects of genes of the Rb1 signalling pathway on osteosarcoma incidence and latency in alpha-particle irradiated mice. <i>Radiation and Environmental Biophysics</i> , 2011, 50, 135-141.	0.6	10
105	Low-dose irradiation causes rapid alterations to the proteome of the human endothelial cell line EA.hy926. <i>Radiation and Environmental Biophysics</i> , 2011, 50, 155-166.	0.6	49
106	MiRNA expression patterns predict survival in glioblastoma. <i>Radiation Oncology</i> , 2011, 6, 153.	1.2	50
107	Rapid proteomic remodeling of cardiac tissue caused by total body ionizing radiation. <i>Proteomics</i> , 2011, 11, 3299-3311.	1.3	87
108	Allelic loss of chromosomes 8 and 19 in MENX-associated rat pheochromocytoma. <i>International Journal of Cancer</i> , 2010, 126, 2362-2372.	2.3	7

#	ARTICLE	IF	CITATIONS
109	Microphthalmia, parkinsonism, and enhanced nociception in Pitx3 416insG mice. <i>Mammalian Genome</i> , 2010, 21, 13-27.	1.0	36
110	Use of proteomics in radiobiological research: current state of the art. <i>Radiation and Environmental Biophysics</i> , 2010, 49, 1-4.	0.6	19
111	Genomic Alterations and Allelic Imbalances Are Strong Prognostic Predictors in Osteosarcoma. <i>Clinical Cancer Research</i> , 2010, 16, 4256-4267.	3.2	101
112	Pheochromocytoma in rats with multiple endocrine neoplasia (MENX) shares gene expression patterns with human pheochromocytoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18493-18498.	3.3	36
113	Formalin-Fixed Paraffin-Embedded (FFPE) Proteome Analysis Using Gel-Free and Gel-Based Proteomics. <i>Journal of Proteome Research</i> , 2010, 9, 4710-4720.	1.8	82
114	Characterization of a naturally-occurring p27 mutation predisposing to multiple endocrine tumors. <i>Molecular Cancer</i> , 2010, 9, 116.	7.9	35
115	Overexpression of PTK6 (breast tumor kinase) protein is a prognostic factor for long-term breast cancer survival is not due to gene amplification. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009, 455, 117-123.	1.4	14
116	Incidence of leukaemia and other malignant diseases following injections of the short-lived β -emitter ^{224}Ra into man. <i>Radiation and Environmental Biophysics</i> , 2009, 48, 287-294.	0.6	21
117	Assessing cancer risks of low-dose radiation. <i>Nature Reviews Cancer</i> , 2009, 9, 596-604.	12.8	180
118	Identification of Differentially Expressed Proteins in Triple-Negative Breast Carcinomas Using DIGE and Mass Spectrometry. <i>Journal of Proteome Research</i> , 2009, 8, 3430-3438.	1.8	57
119	Tumorigenesis. <i>Medical Radiology</i> , 2009, , 1-17.	0.0	0
120	Molecular information obtained from radiobiological tissue archives: achievements of the past and visions of the future. <i>Radiation and Environmental Biophysics</i> , 2008, 47, 183-187.	0.6	17
121	Prognostic value of protein tyrosine kinase 6 (PTK6) for long-term survival of breast cancer patients. <i>British Journal of Cancer</i> , 2008, 99, 1089-1095.	2.9	45
122	Progress in updating the European Radiobiology Archives. <i>International Journal of Radiation Biology</i> , 2008, 84, 930-936.	1.0	20
123	PTK (protein tyrosine kinase)-6 and HER2 and 4, but not HER1 and 3 predict long-term survival in breast carcinomas. <i>British Journal of Cancer</i> , 2007, 96, 801-807.	2.9	75
124	Human pheochromocytomas show reduced p27Kip1 expression that is not associated with somatic gene mutations and rarely with deletions. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2007, 451, 37-46.	1.4	16
125	Linking DNA damage to medulloblastoma tumorigenesis in patched heterozygous knockout mice. <i>Oncogene</i> , 2006, 25, 1165-1173.	2.6	58
126	Multilocus inheritance determines predisposition to β -radiation induced bone tumorigenesis in mice. <i>International Journal of Cancer</i> , 2006, 118, 2132-2138.	2.3	11

#	ARTICLE	IF	CITATIONS
127	Germ-line mutations in p27Kip1 cause a multiple endocrine neoplasia syndrome in rats and humans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15558-15563.	3.3	570
128	Aml1 Gene Rearrangements and Mutations in Radiation-Associated Acute Myeloid Leukemia and Myelodysplastic Syndromes. Journal of Radiation Research, 2005, 46, 249-255.	0.8	10
129	Intracellular Sequestration of ²²³ Ra by the Iron-Storage Protein Ferritin. Radiation Research, 2005, 164, 230-233.	0.7	11
130	MLL gene alterations in radiation-associated acute myeloid leukemia. Experimental Oncology, 2005, 27, 71-5.	0.4	5
131	Basal Cell Carcinoma and Its Development. Cancer Research, 2004, 64, 934-941.	0.4	115
132	Modulation of Patched-Associated Susceptibility to Radiation Induced Tumorigenesis by Genetic Background. Cancer Research, 2004, 64, 3798-3806.	0.4	30
133	Mapping of a novel MEN-like syndrome locus to rat Chromosome 4. Mammalian Genome, 2004, 15, 135-141.	1.0	32
134	Allelic imbalance at intragenic markers of Tbx18 is a hallmark of murine osteosarcoma. Carcinogenesis, 2003, 24, 371-376.	1.3	5
135	The genetics of radiation-induced and sporadic osteosarcoma: a unifying theory?. Journal of Radiological Protection, 2002, 22, A113-A116.	0.6	5
136	Bone Tumorigenesis Induced by Alpha-Particle Radiation: Mapping of Genetic Loci Influencing Predisposition in Mice. Radiation Research, 2002, 157, 426-434.	0.7	14
137	The Genetics of Radiation-induced Osteosarcoma. Radiation Protection Dosimetry, 2002, 99, 257-259.	0.4	6
138	Prolonged culture of HOS 58 human osteosarcoma cells with 1,25-(OH) ₂ -D ₃ , TGF-beta, and dexamethasone reveals physiological regulation of alkaline phosphatase, dissociated osteocalcin gene expression, and protein synthesis and lack of mineralization. Journal of Cellular Biochemistry, 2002, 85, 279-294.	1.2	15
139	Two novel tumor suppressor gene loci on chromosome 6q and 15q in human osteosarcoma identified through comparative study of allelic imbalances in mouse and man. Oncogene, 2002, 21, 5975-5980.	2.6	18
140	High incidence of medulloblastoma following X-ray-irradiation of newborn Ptc1 heterozygous mice. Oncogene, 2002, 21, 7580-7584.	2.6	90
141	Recessive transmission of a multiple endocrine neoplasia syndrome in the rat. Cancer Research, 2002, 62, 3048-51.	0.4	89
142	The Intracellular Domain of Cadherin-11 is not Required for the Induction of Cell Aggregation, Adhesion or Gap-Junction Formation. Cell Communication and Adhesion, 2001, 8, 15-27.	1.0	2
143	Differential expression of CD95, Bcl-2, and Bax in rat gastric chief and parietal cells. Microscopy Research and Technique, 2001, 53, 377-388.	1.2	5
144	Mapping the chromosome 16 cadherin gene cluster to a minimal deleted region in ductal breast cancer. Cancer Genetics and Cytogenetics, 2001, 126, 39-44.	1.0	17

#	ARTICLE	IF	CITATIONS
145	Radiation-Induced Cell Inactivation can Increase the Cancer Risk. <i>Radiation Research</i> , 2001, 155, 870-872.	0.7	31
146	Loss of immunohistochemical E-cadherin expression in colon cancer is not due to structural gene alterations. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1999, 434, 489-495.	1.4	35
147	1,25 Dihydroxyvitamin-D3 Attenuates the Confluence-Dependent Differences in the Osteoblast Characteristic Proteins Alkaline Phosphatase, Procollagen I Peptide, and Osteocalcin. <i>Calcified Tissue International</i> , 1999, 64, 414-421.	1.5	32
148	Development of the osteoblast phenotype in primary human osteoblasts in culture: Comparison with rat calvarial cells in osteoblast differentiation. <i>Journal of Cellular Biochemistry</i> , 1999, 75, 22-35.	1.2	137
149	Cadherin-11 is highly expressed in rhabdomyosarcomas and during differentiation of myoblasts in vitro. , 1999, 187, 164-172.		19
150	Functional loss of E-cadherin and cadherin-11 alleles on chromosome 16q22 in colonic cancer. , 1999, 187, 530-534.		19
151	Mapping of a Cadherin Gene Cluster to a Region of Chromosome 5 Subject to Frequent Allelic Loss in Carcinoma. <i>Genomics</i> , 1999, 57, 160-163.	1.3	12
152	Development of the osteoblast phenotype in primary human osteoblasts in culture: Comparison with rat calvarial cells in osteoblast differentiation. , 1999, 75, 22.		1
153	In vitro differentiation potential of a new human osteosarcoma cell line (HOS 58). <i>Differentiation</i> , 1998, 63, 81-91.	1.0	34
154	Loss of the Differentiated Phenotype Precedes Apoptosis of ROS 17/2.8 Osteoblast-Like Cells. <i>Calcified Tissue International</i> , 1998, 63, 208-213.	1.5	12
155	Mapping of a mouse mammary tumor virus integration site by retroviral LTR arbitrary polymerase chain reaction. <i>Virus Research</i> , 1998, 54, 207-215.	1.1	4
156	The use of confluence stages does not decrease the overall variability in primary human osteoblasts but can give additional information on differentiation in vitro. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1998, 106, 217-225.	0.6	11
157	Characterization and cloning of the E11 antigen, a marker expressed by Rat Osteoblasts and Osteocytes. <i>Bone</i> , 1996, 18, 125-132.	1.4	263
158	Stromelysin-3 (ST-3) mRNA Expression in Colorectal Carcinomas. <i>Diagnostic Molecular Pathology</i> , 1996, 5, 284-290.	2.1	24
159	Sites of urokinase-type plasminogen activator expression and distribution of its receptor in the normal human kidney. <i>Histochemistry and Cell Biology</i> , 1996, 105, 53-60.	0.8	53
160	Effects of the <i>Pasteurella multocida</i> Toxin on Osteoblastic Cells in vitro. <i>Veterinary Pathology</i> , 1995, 32, 274-279.	0.8	37
161	The iron-binding protein ferritin is expressed in cells of the osteoblastic lineage in vitro and in vivo. <i>Bone</i> , 1995, 17, 161-165.	1.4	17
162	Disruption of the Murine p53 Gene by Insertion of an Endogenous Retrovirus-like Element (ETn) in a Cell Line from Radiation-Induced Osteosarcoma. <i>Virology</i> , 1994, 200, 837-841.	1.1	26

#	ARTICLE	IF	CITATIONS
163	Biological evaluation of an ionomeric bone cement by osteoblast cell culture methods. <i>Biomaterials</i> , 1993, 14, 917-924.	5.7	36
164	Exon skipping in the E-cadherin gene transcript in metastatic human gastric carcinomas. <i>Human Molecular Genetics</i> , 1993, 2, 803-804.	1.4	98
165	Expression of Stromelysin 3 in the Stromal Elements of Human Basal Cell Carcinoma. <i>Diagnostic Molecular Pathology</i> , 1992, 1, 200-205.	2.1	0
166	Bone tumor induction after incorporation of short-lived radionuclides. <i>Radiation and Environmental Biophysics</i> , 1991, 30, 225-227.	0.6	12
167	Thymosin $\hat{2}^{4}$ is Expressed in ROS 17/2.8 Osteosarcoma Cells in a Regulated Manner. <i>Molecular Endocrinology</i> , 1990, 4, 69-74.	3.7	25
168	Pulsatile secretion of parathyroid hormone and its action on a type I and type II PTH receptor: A hypothesis for understanding osteoporosis. <i>Calcified Tissue International</i> , 1988, 42, 341-344.	1.5	25
169	Parathyroid hormone stimulation of mitosis in rat thymic lymphocytes is independent of cyclic AMP. <i>Journal of Bone and Mineral Research</i> , 1987, 2, 303-309.	3.1	37
170	Parathyroid hormone in coronary artery disease " Results of a prospective study ". <i>Journal of Endocrinological Investigation</i> , 1986, 9, 265-271.	1.8	17
171	Type II PTH Receptor-Operated Calcium Channel and Its Importance for PTH Peptide Elevations in Coronary Artery Disease. <i>American Journal of Nephrology</i> , 1986, 6, 155-161.	1.4	12
172	Immunoreactive parathyroid hormone is present in subretinal fluids of the human eye Alexander. <i>Current Eye Research</i> , 1985, 4, 619-625.	0.7	7
173	Some effects of parathyroidectomy on cell-mediated immune responses in the rat. <i>Journal of Endocrinology</i> , 1984, 102, 257-263.	1.2	5
174	First Clinical Observations with hPTH(1-38), a More Potent Human Parathyroid Hormone Peptide. <i>Hormone and Metabolic Research</i> , 1984, 16, 559-560.	0.7	9
175	Osteoporosis: A bone turnover defect resulting from an elevated parathyroid hormone concentration within the bone-marrow cavity?. <i>Klinische Wochenschrift</i> , 1984, 62, 129-132.	0.6	11
176	HEPATIC OSTEODYSTROPHY IN PRIMARY BILIARY CIRRHOSIS: A POSSIBLE DEFECT IN KUPFFER CELL MEDIATED CLEAVAGE OF PARATHYROID HORMONE. <i>Clinical Endocrinology</i> , 1983, 19, 21-28.	1.2	20
177	Sodium and ouabain induce proliferation of rat thymic lymphocytes via calcium- and magnesium-dependent reactions. <i>Cell Calcium</i> , 1983, 4, 1-12.	1.1	13
178	A Homologous Biological Probe for Parathyroid Hormone in Human Serum. <i>Journal of Immunoassay</i> , 1983, 4, 21-47.	0.3	15
179	Influence of age, strain and season on diurnal periodicity of thyroid stimulating hormone, thyroxine, triiodothyronine and parathyroid hormone in the serum of male laboratory rats. <i>European Journal of Endocrinology</i> , 1983, 102, 377-385.	1.9	37
180	Circannual variations in serum concentrations of pituitary, thyroid, parathyroid, gonadal and adrenal hormones in male laboratory rats. <i>Journal of Endocrinology</i> , 1983, 97, 179-185.	1.2	47

#	ARTICLE	IF	CITATIONS
181	Characterisation of the Binding Sites of Anti-Parathyroid Hormone Antisera Using Synthetic Parathyroid Hormone Peptides. <i>Journal of Immunoassay</i> , 1982, 3, 31-51.	0.3	12
182	Homologous radioimmunoassay for human mid-regional parathyroid hormone. <i>Journal of Endocrinological Investigation</i> , 1981, 4, 363-363.	1.8	25
183	CHANGES IN PLASMA LEVELS OF CALCIUM AND IN BONE MARROW MITOSIS AFTER ANTIGENIC CHALLENGE IN RATS AND MICE. <i>Journal of Endocrinology</i> , 1981, 90, 445-452.	1.2	6