

# Piotr Widlak

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

129  
papers

3,488  
citations

31  
h-index

54  
g-index

139  
ext. papers

3,950  
ext. citations

5  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
129	Serum Exosomes and Their miRNA Load-A Potential Biomarker of Lung Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	10
128	Serum Metabolite Profiles in Participants of Lung Cancer Screening Study; Comparison of Two Independent Cohorts. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
127	Dose-dependence of radiotherapy-induced changes in serum levels of choline-containing phospholipids; the importance of lower doses delivered to large volumes of normal tissues. <i>Strahlentherapie Und Onkologie</i> , <b>2021</b> , 197, 926-934	4.3	
126	The Lipid Composition of Serum-Derived Small Extracellular Vesicles in Participants of a Lung Cancer Screening Study. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
125	The mutation profile of differentiated thyroid cancer coexisting with undifferentiated anaplastic cancer resembles that of anaplastic thyroid cancer but not that of archetypal differentiated thyroid cancer. <i>Journal of Applied Genetics</i> , <b>2021</b> , 62, 115-120	2.5	0
124	Aging-Related Changes in the Ultrastructure of Hepatocytes and Cardiomyocytes of Elderly Mice Are Enhanced in ApoE-Deficient Animals. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
123	Proteomic profile of melanoma cell-derived small extracellular vesicles in patients'Splasma: a potential correlate of melanoma progression. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12063	16.4	12
122	Intra-Tumor Heterogeneity Revealed by Mass Spectrometry Imaging Is Associated with the Prognosis of Breast Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
121	Metabolomic Signature Discriminates Normal Human Cornea from Keratoconus-A Pilot GC/MS Study. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
120	Systemic Effects of Radiotherapy and Concurrent Chemo-Radiotherapy in Head and Neck Cancer Patients-Comparison of Serum Metabolome Profiles. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	8
119	Pro-death signaling of cytoprotective heat shock factor 1: upregulation of NOXA leading to apoptosis in heat-sensitive cells. <i>Cell Death and Differentiation</i> , <b>2020</b> , 27, 2280-2292	12.7	8
118	Heat shock response regulates stimulus-specificity and sensitivity of the pro-inflammatory NF- $\kappa$ B signalling. <i>Cell Communication and Signaling</i> , <b>2020</b> , 18, 77	7.5	3
117	MicroRNA Profile of Exosomes and Parental Cells is Differently Affected by Ionizing Radiation. <i>Radiation Research</i> , <b>2020</b> , 194, 133-142	3.1	13
116	Resveratrol administration prevents radiation-related changes in metabolic profiles of hearts 20 weeks after irradiation of mice with a single 2 Gy dose. <i>Acta Biochimica Polonica</i> , <b>2020</b> , 67, 629-632	2	2
115	On Stability of Feature Selection Based on MALDI Mass Spectrometry Imaging Data and Simulated Biopsy. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 82-93	0.4	1
114	Prognostic significance of Epstein-Barr virus viral load in patients with T1-T2 nasopharyngeal cancer. <i>Journal of Medical Virology</i> , <b>2020</b> , 92, 348-355	19.7	2
113	Signaling of Tumor-Derived sEV Impacts Melanoma Progression. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	13

112	Metabolic Profiles of Whole Serum and Serum-Derived Exosomes Are Different in Head and Neck Cancer Patients Treated by Radiotherapy. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	10
111	Classification of Thyroid Tumors Based on Mass Spectrometry Imaging of Tissue Microarrays; a Single-Pixel Approach. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
110	Circulating HPV16 DNA may complement imaging assessment of early treatment efficacy in patients with HPV-positive oropharyngeal cancer. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 167	8.5	17
109	Radiotherapy-Induced Changes in the Systemic Immune and Inflammation Parameters of Head and Neck Cancer Patients. <i>Cancers</i> , <b>2019</b> , 11,	6.6	17
108	MS-Based Proteomic Analysis of Serum and Plasma: Problem of High Abundant Components and Lights and Shadows of Albumin Removal. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1073, 57-76	3.6	26
107	Different Types of Cellular Stress Affect the Proteome Composition of Small Extracellular Vesicles: A Mini Review. <i>Proteomes</i> , <b>2019</b> , 7,	4.6	20
106	Proteome Profiling of Exosomes Purified from a Small Amount of Human Serum: The Problem of Co-Purified Serum Components. <i>Proteomes</i> , <b>2019</b> , 7,	4.6	44
105	Proteomes of exosomes from HPV(+) or HPV(-) head and neck cancer cells: differential enrichment in immunoregulatory proteins. <i>Oncolmmunology</i> , <b>2019</b> , 8, 1593808	7.2	20
104	Ionizing radiation affects the composition of the proteome of extracellular vesicles released by head-and-neck cancer cells in vitro. <i>Journal of Radiation Research</i> , <b>2019</b> , 60, 289-297	2.4	28
103	Metabolome of Exosomes: Focus on Vesicles Released by Cancer Cells and Present in Human Body Fluids. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	41
102	Molecular Heterogeneity of Papillary Thyroid Cancer: Comparison of Primary Tumors and Synchronous Metastases in Regional Lymph Nodes by Mass Spectrometry Imaging. <i>Endocrine Pathology</i> , <b>2019</b> , 30, 250-261	4.2	9
101	PHLDA1 Does Not Contribute Directly to Heat Shock-Induced Apoptosis of Spermatocytes. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	1
100	Discrimination of normal oral mucosa from oral cancer by mass spectrometry imaging of proteins and lipids. <i>Journal of Molecular Histology</i> , <b>2019</b> , 50, 1-10	3.3	18
99	Long-term effects of low-dose mouse liver irradiation involve ultrastructural and biochemical changes in hepatocytes that depend on lipid metabolism. <i>Radiation and Environmental Biophysics</i> , <b>2018</b> , 57, 123-132	2	5
98	Pro-inflammatory cytokine and high doses of ionizing radiation have similar effects on the expression of NF-kappaB-dependent genes. <i>Cellular Signalling</i> , <b>2018</b> , 46, 23-31	4.9	15
97	Changes in activity and structure of lysosomes from liver of mouse irradiated in vivo. <i>International Journal of Radiation Biology</i> , <b>2018</b> , 94, 443-453	2.9	3
96	Initializing the EM Algorithm for Univariate Gaussian, Multi-Component, Heteroscedastic Mixture Models by Dynamic Programming Partitions. <i>International Journal of Computational Methods</i> , <b>2018</b> , 15, 1850012	1.1	5
95	FDXR is a biomarker of radiation exposure in vivo. <i>Scientific Reports</i> , <b>2018</b> , 8, 684	4.9	60

94	Influence of Confounding Factors on Radiation Dose Estimation Using In Vivo Validated Transcriptional Biomarkers. <i>Health Physics</i> , <b>2018</b> , 115, 90-101	2.3	15
93	SPEN protein expression and interactions with chromatin in mouse testicular cells. <i>Reproduction</i> , <b>2018</b> , 156, 195-206	3.8	2
92	Discrimination of papillary thyroid cancer from non-cancerous thyroid tissue based on lipid profiling by mass spectrometry imaging. <i>Endokrynologia Polska</i> , <b>2018</b> , 69, 2-8	1.1	17
91	Proteome profiles of different types of thyroid cancers. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 472, 68-79	4.4	15
90	Heart irradiation reduces microvascular density and accumulation of HSPA1 in mice. <i>Strahlentherapie Und Onkologie</i> , <b>2018</b> , 194, 235-242	4.3	7
89	Metabolome-based biomarkers: their potential role in the early detection of lung cancer. <i>Wspolczesna Onkologia</i> , <b>2018</b> , 22, 135-140	1	10
88	RRAD, IL4I1, CDKN1A, and SERPINE1 genes are potentially co-regulated by NF- $\kappa$ B and p53 transcription factors in cells exposed to high doses of ionizing radiation. <i>BMC Genomics</i> , <b>2018</b> , 19, 813	4.5	12
87	Harmonization of exosome isolation from culture supernatants for optimized proteomics analysis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205496	3.7	19
86	Systemic effects of ionizing radiation at the proteome and metabolome levels in the blood of cancer patients treated with radiotherapy: the influence of inflammation and radiation toxicity. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 683-696	2.9	33
85	Irradiation with UV-C inhibits TNF- $\alpha$ -dependent activation of the NF- $\kappa$ B pathway in a mechanism potentially mediated by reactive oxygen species. <i>Genes To Cells</i> , <b>2017</b> , 22, 45-58	2.3	10
84	Isolation of Exosomes for the Purpose of Protein Cargo Analysis with the Use of Mass Spectrometry. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1654, 291-307	1.4	18
83	Panel of serum metabolites discriminates cancer patients and healthy participants of lung cancer screening - a pilot study. <i>Acta Biochimica Polonica</i> , <b>2017</b> , 64, 513-518	2	19
82	Serum lipid profile discriminates patients with early lung cancer from healthy controls. <i>Lung Cancer</i> , <b>2017</b> , 112, 69-74	5.9	33
81	Molecular profiles of thyroid cancer subtypes: Classification based on features of tissue revealed by mass spectrometry imaging. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2017</b> , 1865, 837-845 <sup>4</sup>		25
80	Ionizing radiation affects profile of serum metabolites: increased level of 3-hydroxybutyric acid in serum of cancer patients treated with radiotherapy. <i>Acta Biochimica Polonica</i> , <b>2017</b> , 64, 189-193	2	8
79	Therapy-Related Changes in the Serum Proteome Patterns of Early Stage Breast Cancer Patients with Different Outcomes. <i>Protein and Peptide Letters</i> , <b>2017</b> , 24, 37-45	1.9	2
78	Changes of protein glycosylation in the course of radiotherapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 118, 380-386	3.5	13
77	Low back-pressure hierarchically structured multichannel microfluidic bioreactors for rapid protein digestion [Proof of concept]. <i>Chemical Engineering Journal</i> , <b>2016</b> , 287, 148-154	14.7	34

76	The Influence of Ionizing Radiation on Exosome Composition, Secretion and Intercellular Communication. <i>Protein and Peptide Letters</i> , <b>2016</b> , 23, 656-63	1.9	80
75	Tissue fixed with formalin and processed without paraffin embedding is suitable for imaging of both peptides and lipids by MALDI-IMS. <i>Proteomics</i> , <b>2016</b> , 16, 1670-7	4.8	32
74	Detection of molecular signatures of oral squamous cell carcinoma and normal epithelium - application of a novel methodology for unsupervised segmentation of imaging mass spectrometry data. <i>Proteomics</i> , <b>2016</b> , 16, 1613-21	4.8	20
73	Serum mass profile signature as a biomarker of early lung cancer. <i>Lung Cancer</i> , <b>2016</b> , 99, 46-52	5.9	20
72	Proteomic analysis of exosomal cargo: the challenge of high purity vesicle isolation. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 1407-19		119
71	A Novel Divisive iK-Means Algorithm with Region-Driven Feature Selection as a Tool for Automated Detection of Tumour Heterogeneity in MALDI IMS Experiments. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 113-124	0.9	1
70	Modeling of Imaging Mass Spectrometry Data and Testing by Permutation for Biomarkers Discovery in Tissues. <i>Procedia Computer Science</i> , <b>2015</b> , 51, 693-702	1.6	2
69	Detection of metabolites discriminating subtypes of thyroid cancer: Molecular profiling of FFPE samples using the GC/MS approach. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 417, 149-57	4.4	35
68	Identification of serum proteome signatures of locally advanced and metastatic gastric cancer: a pilot study. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 304	8.5	15
67	Partial-Body Irradiation in Patients with Prostate Cancer Treated with IMRT Has Little Effect on the Composition of Serum Proteome. <i>Proteomes</i> , <b>2015</b> , 3, 117-131	4.6	1
66	Signal Partitioning Algorithm for Highly Efficient Gaussian Mixture Modeling in Mass Spectrometry. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134256	3.7	28
65	Ionizing radiation affects protein composition of exosomes secreted in vitro from head and neck squamous cell carcinoma. <i>Acta Biochimica Polonica</i> , <b>2015</b> , 62, 265-72	2	53
64	Application of metabolomics in thyroid cancer research. <i>International Journal of Endocrinology</i> , <b>2015</b> , 2015, 258763	2.7	29
63	Serum Proteome Signature of Radiation Response: Upregulation of Inflammation-Related Factors and Downregulation of Apolipoproteins and Coagulation Factors in Cancer Patients Treated With Radiation Therapy--A Pilot Study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 99, 1108-1115	4	21
62	Cross talk between cytokine and hyperthermia-induced pathways: identification of different subsets of NF- $\kappa$ B-dependent genes regulated by TNF $\alpha$ and heat shock. <i>Molecular Genetics and Genomics</i> , <b>2015</b> , 290, 1979-90	3.1	13
61	Active heat shock transcription factor 1 supports migration of the melanoma cells via vinculin down-regulation. <i>Cellular Signalling</i> , <b>2015</b> , 27, 394-401	4.9	26
60	An Optimized Method of Metabolite Extraction from Formalin-Fixed Paraffin-Embedded Tissue for GC/MS Analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136902	3.7	30
59	Least Squares Estimators of Peptide Species Concentrations Based on Gaussian Mixture Decompositions of Protein Mass Spectra. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2015</b> , 425-432	0.2	32

58	Crosstalk between stress-induced NF- $\kappa$ B, p53 and HSF1 signaling pathways [review.. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 11518-11523		1
57	Radiation-induced changes in serum lipidome of head and neck cancer patients. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 6609-24	6.3	21
56	Crosstalk between HSF1 and HSF2 during the heat shock response in mouse testes. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 57, 76-83	5.6	27
55	Identification of serum proteome components associated with progression of non-small cell lung cancer.. <i>Acta Biochimica Polonica</i> , <b>2014</b> , 61,	2	2
54	Radiotherapy-related changes in serum proteome patterns of head and neck cancer patients; the effect of low and medium doses of radiation delivered to large volumes of normal tissue. <i>Journal of Translational Medicine</i> , <b>2013</b> , 11, 299	8.5	8
53	Cancer biomarkers and mass spectrometry-based analyses of phospholipids in body fluids. <i>Clinical Lipidology</i> , <b>2013</b> , 8, 137-150		23
52	MALDI Imaging Mass Spectrometry [A Novel Approach in Biomedical Research of Tissues. <i>Current Proteomics</i> , <b>2013</b> , 10, 76-82	0.7	
51	Support Vector Machines in Biomedical and Biometrical Applications. <i>Smart Innovation, Systems and Technologies</i> , <b>2013</b> , 379-417	0.5	10
50	Comparison of peptide cancer signatures identified by mass spectrometry in serum of patients with head and neck, lung and colorectal cancers: association with tumor progression. <i>International Journal of Oncology</i> , <b>2012</b> , 40, 148-56	4.4	9
49	MALDI-MS-Based Profiling of Serum Proteome: Detection of Changes Related to Progression of Cancer and Response to Anticancer Treatment. <i>International Journal of Proteomics</i> , <b>2012</b> , 2012, 926427		15
48	Radiation-related changes in serum proteome profiles detected by mass spectrometry in blood of patients treated with radiotherapy due to larynx cancer. <i>Journal of Radiation Research</i> , <b>2011</b> , 52, 575-81	2.4	16
47	NF- $\kappa$ B signaling pathway is inhibited by heat shock independently of active transcription factor HSF1 and increased levels of inducible heat shock proteins. <i>Genes To Cells</i> , <b>2011</b> , 16, 1168-75	2.3	16
46	Association between plasma proteome profiles analysed by mass spectrometry, a lymphocyte-based DNA-break repair assay and radiotherapy-induced acute mucosal reaction in head and neck cancer patients. <i>International Journal of Radiation Biology</i> , <b>2011</b> , 87, 711-9	2.9	9
45	Cardiac endothelial cells isolated from mouse heart - a novel model for radiobiology.. <i>Acta Biochimica Polonica</i> , <b>2011</b> , 58,	2	18
44	Cardiac endothelial cells isolated from mouse heart - a novel model for radiobiology. <i>Acta Biochimica Polonica</i> , <b>2011</b> , 58, 397-404	2	7
43	Optimizing of MALDI-ToF-based low-molecular-weight serum proteome pattern analysis in detection of breast cancer patients; the effect of albumin removal on classification performance. <i>Neoplasma</i> , <b>2010</b> , 57, 537-44	3.3	1
42	Mass spectrometry-based analysis of therapy-related changes in serum proteome patterns of patients with early-stage breast cancer. <i>Journal of Translational Medicine</i> , <b>2010</b> , 8, 66	8.5	20
41	Association between single-nucleotide polymorphisms of selected genes involved in the response to DNA damage and risk of colon, head and neck, and breast cancers in a Polish population. <i>Journal of Applied Genetics</i> , <b>2010</b> , 51, 343-52	2.5	82

40	Roles of the major apoptotic nuclease-DNA fragmentation factor-in biology and disease. <i>Cellular and Molecular Life Sciences</i> , <b>2009</b> , 66, 263-74	10.3	64
39	Mass spectrometry-based serum proteome pattern analysis in molecular diagnostics of early stage breast cancer. <i>Journal of Translational Medicine</i> , <b>2009</b> , 7, 60	8.5	46
38	Analyze of Maldi-TOF Proteomic Spectra with Usage of Mixture of Gaussian Distributions. <i>Advances in Intelligent and Soft Computing</i> , <b>2009</b> , 113-120		1
37	The major apoptotic endonuclease DFF40/CAD is a deoxyribose-specific and double-strand-specific enzyme. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2008</b> , 13, 377-82	5.4	16
36	TNFalpha-induced activation of NFkappaB protects against UV-induced apoptosis specifically in p53-proficient cells.. <i>Acta Biochimica Polonica</i> , <b>2008</b> , 55, 741-748	2	14
35	High mobility group proteins stimulate DNA cleavage by apoptotic endonuclease DFF40/CAD due to HMG-box interactions with DNA.. <i>Acta Biochimica Polonica</i> , <b>2008</b> , 55, 21-26	2	9
34	Heat shock transcription factor 1 down-regulates spermatocyte-specific 70 kDa heat shock protein expression prior to the induction of apoptosis in mouse testes. <i>Genes To Cells</i> , <b>2007</b> , 12, 487-99	2.3	37
33	Engineered apoptotic nucleases for chromatin research. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, e93	20.1	12
32	Gaussian Mixture Decomposition of Time-Course DNA Microarray Data <b>2007</b> , 351-359		4
31	Curcumin induces caspase-3-dependent apoptotic pathway but inhibits DNA fragmentation factor 40/caspase-activated DNase endonuclease in human Jurkat cells. <i>Molecular Cancer Therapeutics</i> , <b>2006</b> , 5, 927-34	6.1	65
30	Unique features of the apoptotic endonuclease DFF40/CAD relative to micrococcal nuclease as a structural probe for chromatin. <i>Biochemistry and Cell Biology</i> , <b>2006</b> , 84, 405-10	3.6	17
29	A recombination silencer that specifies heterochromatin positioning and ikaros association in the immunoglobulin kappa locus. <i>Immunity</i> , <b>2006</b> , 24, 405-15	32.3	53
28	Spermatocyte-specific expression of constitutively active heat shock factor 1 induces HSP70i-resistant apoptosis in male germ cells. <i>Cell Death and Differentiation</i> , <b>2006</b> , 13, 212-22	12.7	46
27	The apoptotic endonuclease DFF40/CAD is inhibited by RNA, heparin and other polyanions. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2006</b> , 11, 1331-7	5.4	13
26	The role of chromatin proteins in DNA damage recognition and repair. <i>Histochemistry and Cell Biology</i> , <b>2006</b> , 125, 119-26	2.4	21
25	Mitochondrial transcription factor A is the major protein in rodent hepatocytes that recognizes DNA lesions induced by N-acetoxy-acetylaminofluorene.. <i>Acta Biochimica Polonica</i> , <b>2006</b> , 53, 777-782	2	5
24	Regulation and action of the major apoptotic nucleases: DFF40/CAD and Endonuclease G. <i>FASEB Journal</i> , <b>2006</b> , 20, A119	0.9	2
23	The histone H1 C-terminal domain binds to the apoptotic nuclease, DNA fragmentation factor (DFF40/CAD) and stimulates DNA cleavage. <i>Biochemistry</i> , <b>2005</b> , 44, 7871-8	3.2	52

22	Discovery, regulation, and action of the major apoptotic nucleases DFF40/CAD and endonuclease G. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 94, 1078-87	4.7	185
21	Regulation of the human apoptotic DNase/RNase endonuclease G: involvement of Hsp70 and ATP. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2005</b> , 10, 821-30	5.4	71
20	Global survey of chromatin accessibility using DNA microarrays. <i>Genome Research</i> , <b>2004</b> , 14, 1374-81	9.7	23
19	The truncation of Ku86 in human lymphocytes. <i>Cancer Letters</i> , <b>2004</b> , 205, 197-205	9.9	7
18	Subunit structures and stoichiometries of human DNA fragmentation factor proteins before and after induction of apoptosis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 26915-22	5.4	32
17	Bulky DNA adducts in human sperm: relationship with fertility, semen quality, smoking, and environmental factors. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2003</b> , 537, 53-65	3	67
16	High levels of bulky DNA adducts in human sperm correlate with impaired fertility.. <i>Acta Biochimica Polonica</i> , <b>2003</b> , 50, 197-203	2	10
15	Modeling apoptotic chromatin condensation in normal cell nuclei. Requirement for intranuclear mobility and actin involvement. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 21683-90	5.4	33
14	Action of recombinant human apoptotic endonuclease G on naked DNA and chromatin substrates: cooperation with exonuclease and DNase I. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 48404-9	5.4	134
13	Ionic and cofactor requirements for the activity of the apoptotic endonuclease DFF40/CAD. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 218, 125-30	4.2	36
12	Cleavage preferences of the apoptotic endonuclease DFF40 (caspase-activated DNase or nuclease) on naked DNA and chromatin substrates. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 8226-32	5.4	133
11	High mobility group 1 and 2 proteins bind preferentially to DNA that contains bulky adducts induced by benzo[a]pyrene diol epoxide and N-acetoxy-acetylaminofluorene. <i>Cancer Letters</i> , <b>2000</b> , 158, 17-25	9.9	13
10	Activation of the apoptotic endonuclease DFF40 (caspase-activated DNase or nuclease). Oligomerization and direct interaction with histone H1. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 13836-40	5.4	137
9	The 40-kDa subunit of DNA fragmentation factor induces DNA fragmentation and chromatin condensation during apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 8461-6	11.5	474
8	In vitro chromatin assembly of the HIV-1 promoter. ATP-dependent polar repositioning of nucleosomes by Sp1 and NFkappaB. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 17654-61	5.4	42
7	The non-random distribution of UV-induced photoproducts in the nuclear matrix and non-matrix DNA fractions. <i>Cancer Letters</i> , <b>1996</b> , 108, 215-23	9.9	3
6	<sup>32</sup> P-postlabelling of bulky human DNA adducts enriched by different methods including immunoaffinity chromatography. <i>Chemico-Biological Interactions</i> , <b>1996</b> , 99, 99-107	5	7
5	Formation of UV-photoadducts during DNA purification. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>1995</b> , 347, 117-9		2



4	DNA adducts caused by tamoxifen and toremifene in human microsomal system and lymphocytes in vitro. <i>Carcinogenesis</i> , <b>1995</b> , 16, 1661-4	4.6	43
3	N-nitrosodimethylamine and 7-methylguanine DNA adducts in tissues of rats fed Chinese salted fish. <i>Cancer Letters</i> , <b>1995</b> , 94, 85-90	9.9	9
2	DNA repair is less efficient in the nuclear matrix than in non-matrix nuclear fractions in the liver of rats treated with 2-aminofluorene. <i>Cancer Letters</i> , <b>1994</b> , 78, 115-20	9.9	2
1	Partial hepatectomy of rats 3 weeks before or simultaneously with 2-aminofluorene injection can affect the amounts of adducts induced in hepatic DNA. <i>Carcinogenesis</i> , <b>1993</b> , 14, 2427-9	4.6	2