

Gianluca Tell

List of Publications by Citations

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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.

169 papers	6,519 citations	43 h-index	72 g-index
175 ext. papers	7,189 ext. citations	5.3 avg, IF	5.49 L-index

#	Paper	IF	Citations
169	The many functions of APE1/Ref-1: not only a DNA repair enzyme. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 601-20	8.4	360
168	Proteins as biomarkers of oxidative/nitrosative stress in diseases: the contribution of redox proteomics. <i>Mass Spectrometry Reviews</i> , 2005 , 24, 55-99	11	354
167	Molecular basis and mechanisms of progression of non-alcoholic steatohepatitis. <i>Trends in Molecular Medicine</i> , 2008 , 14, 72-81	11.5	324
166	The intracellular localization of APE1/Ref-1: more than a passive phenomenon?. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 367-84	8.4	311
165	APE1/Ref-1 interacts with NPM1 within nucleoli and plays a role in the rRNA quality control process. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1834-54	4.8	169
164	The neutrophil gelatinase-associated lipocalin (NGAL), a NF-kappaB-regulated gene, is a survival factor for thyroid neoplastic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 14058-63	11.5	154
163	A unique combination of transcription factors controls differentiation of thyroid cells. <i>Progress in Molecular Biology and Translational Science</i> , 2001 , 66, 307-56		148
162	The importance of redox state in liver damage. <i>Annals of Hepatology</i> , 2004 , 3, 86-92	3.1	139
161	Oxidative stress causes bone loss in estrogen-deficient mice through enhanced bone marrow dendritic cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15087-92	11.5	117
160	Activation of APE1/Ref-1 is dependent on reactive oxygen species generated after purinergic receptor stimulation by ATP. <i>Nucleic Acids Research</i> , 2005 , 33, 4379-94	20.1	108
159	Understanding different functions of mammalian AP endonuclease (APE1) as a promising tool for cancer treatment. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3589-608	10.3	94
158	Nuclear localization of Galectin-3 in transformed thyroid cells: a role in transcriptional regulation. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 302, 545-53	3.4	89
157	Redox potential controls the structure and DNA binding activity of the paired domain. <i>Journal of Biological Chemistry</i> , 1998 , 273, 25062-72	5.4	86
156	A proteomic approach to identify early molecular targets of oxidative stress in human epithelial lens cells. <i>Biochemical Journal</i> , 2004 , 378, 929-37	3.8	85
155	H(2)O(2) induces translocation of APE/Ref-1 to mitochondria in the Raji B-cell line. <i>Journal of Cellular Physiology</i> , 2002 , 193, 180-6	7	84
154	Critical lysine residues within the overlooked N-terminal domain of human APE1 regulate its biological functions. <i>Nucleic Acids Research</i> , 2010 , 38, 8239-56	20.1	83
153	Ref-1 controls pax-8 DNA-binding activity. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 252, 178-83	3.4	80

152	Genome-wide analysis and proteomic studies reveal APE1/Ref-1 multifunctional role in mammalian cells. <i>Proteomics</i> , 2009 , 9, 1058-74	4.8	79
151	Subcellular localization of APE1/Ref-1 in human hepatocellular carcinoma: possible prognostic significance. <i>Molecular Medicine</i> , 2007 , 13, 89-96	6.2	79
150	Nucleolar accumulation of APE1 depends on charged lysine residues that undergo acetylation upon genotoxic stress and modulate its BER activity in cells. <i>Molecular Biology of the Cell</i> , 2012 , 23, 4079-96	3.5	73
149	Intrusion of a DNA repair protein in the RNome world: is this the beginning of a new era?. <i>Molecular and Cellular Biology</i> , 2010 , 30, 366-71	4.8	70
148	Effects of histone acetylation on sodium iodide symporter promoter and expression of thyroid-specific transcription factors. <i>Endocrinology</i> , 2005 , 146, 3967-74	4.8	68
147	Mitochondrial localization of APE/Ref-1 in thyroid cells. <i>Mutation Research DNA Repair</i> , 2001 , 485, 143-52		67
146	Emerging roles of the nucleolus in regulating the DNA damage response: the noncanonical DNA repair enzyme APE1/Ref-1 as a paradigmatic example. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 621-39	8.4	66
145	Extracellular nucleotides activate Runx2 in the osteoblast-like HOBIT cell line: a possible molecular link between mechanical stress and osteoblasts response. <i>Bone</i> , 2005 , 36, 418-32	4.7	65
144	SIRT1 gene expression upon genotoxic damage is regulated by APE1 through nCaRE-promoter elements. <i>Molecular Biology of the Cell</i> , 2014 , 25, 532-47	3.5	61
143	Oxidized transthyretin in amniotic fluid as an early marker of preeclampsia. <i>Journal of Proteome Research</i> , 2007 , 6, 160-70	5.6	60
142	Pax-8 protein levels regulate thyroglobulin gene expression. <i>Journal of Molecular Endocrinology</i> , 1998 , 21, 347-54	4.5	56
141	Overoxidation of peroxiredoxins as an immediate and sensitive marker of oxidative stress in HepG2 cells and its application to the redox effects induced by ischemia/reperfusion in human liver. <i>Free Radical Research</i> , 2005 , 39, 255-68	4	54
140	Missense mutations of human homeoboxes: A review. <i>Human Mutation</i> , 2001 , 18, 361-74	4.7	53
139	Autocrine/paracrine stimulation of purinergic receptors in osteoblasts: contribution of vesicular ATP release. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 1429-38	3.4	52
138	Knock-in reconstitution studies reveal an unexpected role of Cys-65 in regulating APE1/Ref-1 subcellular trafficking and function. <i>Molecular Biology of the Cell</i> , 2011 , 22, 3887-901	3.5	50
137	Nucleophosmin modulates stability, activity, and nucleolar accumulation of base excision repair proteins. <i>Molecular Biology of the Cell</i> , 2014 , 25, 1641-52	3.5	49
136	Aggresome-forming TTRAP mediates pro-apoptotic properties of Parkinson's disease-associated DJ-1 missense mutations. <i>Cell Death and Differentiation</i> , 2009 , 16, 428-38	12.7	49
135	Proteomic analysis of liver tissues subjected to early ischemia/reperfusion injury during human orthotopic liver transplantation. <i>Proteomics</i> , 2006 , 6, 3455-65	4.8	49

134	Unveiling the non-repair face of the Base Excision Repair pathway in RNA processing: A missing link between DNA repair and gene expression?. <i>DNA Repair</i> , 2017 , 56, 65-74	4.3	48
133	Mammalian APE1 controls miRNA processing and its interactome is linked to cancer RNA metabolism. <i>Nature Communications</i> , 2017 , 8, 797	17.4	48
132	Inhibitors of the apurinic/apyrimidinic endonuclease 1 (APE1)/nucleophosmin (NPM1) interaction that display anti-tumor properties. <i>Molecular Carcinogenesis</i> , 2016 , 55, 688-704	5	48
131	APE1/Ref-1 regulates PTEN expression mediated by Egr-1. <i>Free Radical Research</i> , 2008 , 42, 20-9	4	47
130	Prognostic role of Ape/Ref-1 subcellular expression in stage I-III breast carcinomas. <i>Oncology Reports</i> , 2002 , 9, 11-7	3.5	47
129	G-quadruplex DNA recognition by nucleophosmin: new insights from protein dissection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2050-9	4	44
128	Nucleophosmin is overexpressed in thyroid tumors. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 397, 499-504	3.4	44
127	The importance of redox state in liver damage. <i>Annals of Hepatology</i> , 2004 , 3, 86-92	3.1	44
126	Mitochondrial translocation of APE1 relies on the MIA pathway. <i>Nucleic Acids Research</i> , 2015 , 43, 5451-64	40.1	42
125	A review on protein-protein interaction network of APE1/Ref-1 and its associated biological functions. <i>Cell Biochemistry and Function</i> , 2015 , 33, 101-12	4.2	41
124	Probing the dimeric structure of porcine aminoacylase 1 by mass spectrometric and modeling procedures. <i>Biochemistry</i> , 2003 , 42, 4430-43	3.2	41
123	Alterations in the redox state and liver damage: hints from the EASL Basic School of Hepatology. <i>Journal of Hepatology</i> , 2013 , 58, 365-74	13.4	40
122	Functional regulation of the apurinic/apyrimidinic endonuclease 1 by nucleophosmin: impact on tumor biology. <i>Oncogene</i> , 2014 , 33, 2876-87	9.2	39
121	A short review on the implications of base excision repair pathway for neurons: relevance to neurodegenerative diseases. <i>Mitochondrion</i> , 2014 , 16, 38-49	4.9	39
120	Altered intracellular redox status in Gaucher disease fibroblasts and impairment of adaptive response against oxidative stress. <i>Journal of Cellular Physiology</i> , 2007 , 212, 223-35	7	39
119	Cross-regulation between Egr-1 and APE/Ref-1 during early response to oxidative stress in the human osteoblastic HOBIT cell line: evidence for an autoregulatory loop. <i>Free Radical Research</i> , 2005 , 39, 269-81	4	39
118	Bilirubin-induced cell toxicity involves PTEN activation through an APE1/Ref-1-dependent pathway. <i>Journal of Molecular Medicine</i> , 2007 , 85, 1099-112	5.5	38
117	Specific inhibition of the redox activity of ape1/ref-1 by e3330 blocks tnf- α -induced activation of IL-8 production in liver cancer cell lines. <i>PLoS ONE</i> , 2013 , 8, e70909	3.7	36

116	Extracellular ATP stimulates the early growth response protein 1 (Egr-1) via a protein kinase C-dependent pathway in the human osteoblastic HOBIT cell line. <i>Biochemical Journal</i> , 2003 , 373, 815-24	3.8	35
115	Galectin-3 expression in non-small cell lung carcinoma. <i>Cancer Letters</i> , 2004 , 212, 233-9	9.9	35
114	Destabilisation, aggregation, toxicity and cytosolic mislocalisation of nucleophosmin regions associated with acute myeloid leukemia. <i>Oncotarget</i> , 2016 , 7, 59129-59143	3.3	35
113	Expression of Dicer and Drosha in triple-negative breast cancer. <i>Journal of Clinical Pathology</i> , 2012 , 65, 320-6	3.9	34
112	Activation of human T lymphocytes under conditions similar to those that occur during exposure to microgravity: a proteomics study. <i>Proteomics</i> , 2005 , 5, 1827-37	4.8	34
111	Expression and localization of the homeodomain-containing protein HEX in human thyroid tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1376-83	5.6	34
110	The prion protein is critical for DNA repair and cell survival after genotoxic stress. <i>Nucleic Acids Research</i> , 2015 , 43, 904-16	20.1	33
109	Base excision repair in Archaea: back to the future in DNA repair. <i>DNA Repair</i> , 2014 , 21, 148-57	4.3	31
108	Role of the unstructured N-terminal domain of the hAPE1 (human apurinic/apyrimidinic endonuclease 1) in the modulation of its interaction with nucleic acids and NPM1 (nucleophosmin). <i>Biochemical Journal</i> , 2013 , 452, 545-57	3.8	31
107	Calreticulin enhances the transcriptional activity of thyroid transcription factor-1 by binding to its homeodomain. <i>Journal of Biological Chemistry</i> , 1999 , 274, 4640-5	5.4	31
106	DeltaNp73alpha inhibits PTEN expression in thyroid cancer cells. <i>International Journal of Cancer</i> , 2009 , 124, 2539-48	7.5	30
105	Structural and functional properties of the N transcriptional activation domain of thyroid transcription factor-1: similarities with the acidic activation domains. <i>Biochemical Journal</i> , 1998 , 329 (Pt 2), 395-403	3.8	30
104	Abasic and oxidized ribonucleotides embedded in DNA are processed by human APE1 and not by RNase H2. <i>Nucleic Acids Research</i> , 2017 , 45, 11193-11212	20.1	29
103	Acetylation on critical lysine residues of Apurinic/apyrimidinic endonuclease 1 (APE1) in triple negative breast cancers. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 424, 34-9	3.4	29
102	Human AP endonuclease/redox factor APE1/ref-1 modulates mitochondrial function after oxidative stress by regulating the transcriptional activity of NRF1. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 237-48	7.8	29
101	RbAp48 is a target of nuclear factor-kappaB activity in thyroid cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1458-66	5.6	29
100	Redox effector factor-1 regulates the activity of thyroid transcription factor 1 by controlling the redox state of the N transcriptional activation domain. <i>Journal of Biological Chemistry</i> , 2002 , 277, 14564-74	5.4	29
99	Expression and prognostic significance of APE1/Ref-1 and NPM1 proteins in high-grade ovarian serous cancer. <i>American Journal of Clinical Pathology</i> , 2014 , 141, 404-14	1.9	27

98	APE1/Ref-1 in Alzheimer's disease: an immunohistochemical study. <i>Neuroscience Letters</i> , 2009 , 466, 124-33	3.3	27
97	Identification of different isoforms of eEF1A in the nuclear fraction of human T-lymphoblastic cancer cell line specifically binding to aptameric cytotoxic GT oligomers. <i>FEBS Journal</i> , 2003 , 270, 3251-62		27
96	Co-operation between the PAI and RED subdomains of Pax-8 in the interaction with the thyroglobulin promoter. <i>Biochemical Journal</i> , 1999 , 337, 253-262	3.8	27
95	Placental aging and oxidation damage in a tissue micro-array model: an immunohistochemistry study. <i>Histochemistry and Cell Biology</i> , 2016 , 146, 191-204	2.4	26
94	A proteomic approach to the bilirubin-induced toxicity in neuronal cells reveals a protective function of DJ-1 protein. <i>Proteomics</i> , 2010 , 10, 1645-57	4.8	26
93	The PAX6 gene is activated by the basic helix-loop-helix transcription factor NeuroD/BETA2. <i>Biochemical Journal</i> , 2003 , 376, 707-15	3.8	26
92	Cytosine-block telomeric type DNA-binding activity of hnRNP proteins from human cell lines. <i>Archives of Biochemistry and Biophysics</i> , 2003 , 409, 305-14	4.1	26
91	Expression and Localization of the Homeodomain-Containing Protein HEX in Human Thyroid Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1376-1383	5.6	26
90	The redox function of APE1 is involved in the differentiation process of stem cells toward a neuronal cell fate. <i>PLoS ONE</i> , 2014 , 9, e89232	3.7	25
89	Proteomic evaluation of core biopsy specimens from breast lesions. <i>Cancer Letters</i> , 2004 , 204, 79-86	9.9	25
88	Bisphosphonates activate nucleotide receptors signaling and induce the expression of Hsp90 in osteoblast-like cell lines. <i>Bone</i> , 2006 , 39, 739-53	4.7	24
87	Topology of the thyroid transcription factor 1 homeodomain-DNA complex. <i>Biochemistry</i> , 1999 , 38, 64-73	3.2	24
86	Analysis of the solution structure of the homeodomain of rat thyroid transcription factor 1 by 1H-NMR spectroscopy and restrained molecular mechanics. <i>FEBS Journal</i> , 1996 , 241, 101-13		24
85	Human AP-endonuclease (Ape1) activity on telomeric G4 structures is modulated by acetyltable lysine residues in the N-terminal sequence. <i>DNA Repair</i> , 2019 , 73, 129-143	4.3	24
84	Somatostatin as Inflow Modulator in Liver-transplant Recipients With Severe Portal Hypertension: A Randomized Trial. <i>Annals of Surgery</i> , 2019 , 269, 1025-1033	7.8	23
83	Platinum Salts in Patients with Breast Cancer: A Focus on Predictive Factors. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	23
82	Redox state, oxidative stress, and molecular mechanisms of protective and toxic effects of bilirubin on cells. <i>Current Pharmaceutical Design</i> , 2009 , 15, 2908-14	3.3	23
81	High mobility group I proteins interfere with the homeodomains binding to DNA. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29904-10	5.4	23

80	Impairment of enzymatic antioxidant defenses is associated with bilirubin-induced neuronal cell death in the cerebellum of Ugt1 KO mice. <i>Cell Death and Disease</i> , 2015 , 6, e1739	9.8	21
79	Identification of secondary targets of N-containing bisphosphonates in mammalian cells via parallel competition analysis of the barcoded yeast deletion collection. <i>Genome Biology</i> , 2009 , 10, R93	18.3	21
78	Targeting DNA repair proteins for cancer treatment. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 3569-72.3	12.3	21
77	Redox proteomics and immunohistology to study molecular events during ischemia-reperfusion in human liver. <i>Transplantation Proceedings</i> , 2007 , 39, 1755-60	1.1	21
76	Functional interaction among thyroid-specific transcription factors: Pax8 regulates the activity of Hex promoter. <i>Molecular and Cellular Endocrinology</i> , 2004 , 214, 117-25	4.4	21
75	Serum APE1 as a predictive marker for platinum-based chemotherapy of non-small cell lung cancer patients. <i>Oncotarget</i> , 2016 , 7, 77482-77494	3.3	21
74	APE1 polymorphic variants cause persistent genomic stress and affect cancer cell proliferation. <i>Oncotarget</i> , 2016 , 7, 26293-306	3.3	21
73	Transcriptome and proteome analysis of osteocytes treated with nitrogen-containing bisphosphonates. <i>Journal of Proteome Research</i> , 2009 , 8, 1131-42	5.6	20
72	Fibronectin binding promotes a PKC-dependent modulation of NF-kappa B in human T cells. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 243, 732-7	3.4	20
71	Transcriptional Up-Regulation of APE1/Ref-1 in Hepatic Tumor: Role in Hepatocytes Resistance to Oxidative Stress and Apoptosis. <i>PLoS ONE</i> , 2015 , 10, e0143289	3.7	19
70	Control of phosphatase and tensin homolog (PTEN) gene expression in normal and neoplastic thyroid cells. <i>Endocrinology</i> , 2004 , 145, 4660-6	4.8	19
69	Serum AP-endonuclease 1 (sAPE1) as novel biomarker for hepatocellular carcinoma. <i>Oncotarget</i> , 2019 , 10, 383-394	3.3	19
68	The solution structure of DNA-free Pax-8 paired box domain accounts for redox regulation of transcriptional activity in the pax protein family. <i>Journal of Biological Chemistry</i> , 2008 , 283, 33321-8	5.4	18
67	Transcriptional regulation of human sodium/iodide symporter gene: a role for redox factor-1. <i>Endocrinology</i> , 2004 , 145, 1290-3	4.8	18
66	The regulatory role of APE1 in epithelial-to-mesenchymal transition and in determining EGFR-TKI responsiveness in non-small-cell lung cancer. <i>Cancer Medicine</i> , 2018 , 7, 4406-4419	4.8	17
65	Cadmium treatment suppresses DNA polymerase α catalytic subunit gene expression by acting on the p53 and Sp1 regulatory axis. <i>DNA Repair</i> , 2015 , 35, 90-105	4.3	17
64	Role of mutual interactions in the chemical and thermal stability of nucleophosmin NPM1 domains. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 523-8	3.4	17
63	BRCA1 modulates the expression of hnRNPA2B1 and KHSRP. <i>Cell Cycle</i> , 2010 , 9, 4666-73	4.7	17

62	Nucleotide receptors stimulation by extracellular ATP controls Hsp90 expression through APE1/Ref-1 in thyroid cancer cells: a novel tumorigenic pathway. <i>Journal of Cellular Physiology</i> , 2006 , 209, 44-55	7	17
61	Definition of the DNA-binding specificity of TTF-1 homeodomain by chromatographic selection of binding sequences. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 213, 781-8	3.4	17
60	Inhibition of APE1-endonuclease activity affects cell metabolism in colon cancer cells via a p53-dependent pathway. <i>DNA Repair</i> , 2019 , 82, 102675	4.3	16
59	Differential proteomic analysis of nuclear extracts from thyroid cell lines. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 833, 41-50	3.2	16
58	Expression, regulation, and function of paired-box gene 8 in the human placenta and placental cancer cell lines. <i>Endocrinology</i> , 2005 , 146, 4009-15	4.8	16
57	APE1 and NPM1 protect cancer cells from platinum compounds cytotoxicity and their expression pattern has a prognostic value in TNBC. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 309	12.8	15
56	Nucleophosmin delocalization in thyroid tumour cells. <i>Endocrine Pathology</i> , 2011 , 22, 18-23	4.2	15
55	Functional interference between contacting amino acids of homeodomains. <i>FEBS Letters</i> , 1997 , 407, 320-4	3.8	15
54	A differential proteomic approach to identify proteins associated with thyroid cell transformation. <i>Journal of Molecular Endocrinology</i> , 2005 , 34, 199-207	4.5	15
53	A chicken hnRNP of the A/B family recognizes the single-stranded d(CCCTAA)(n) telomeric repeated motif. <i>FEBS Journal</i> , 2001 , 268, 139-48		14
52	New perspectives in cancer biology from a study of canonical and non-canonical functions of base excision repair proteins with a focus on early steps. <i>Mutagenesis</i> , 2020 , 35, 129-149	2.8	14
51	Cardiac Cell Senescence and Redox Signaling. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 38	5.4	13
50	Differential proteomic analysis of subfractioned human hepatocellular carcinoma tissues. <i>Journal of Proteome Research</i> , 2009 , 8, 2273-84	5.6	13
49	PTEN and Egr-1 expression in thyroid proliferative lesions. <i>Cancer Letters</i> , 2005 , 224, 105-9	9.9	13
48	Adhesion to fibronectin promotes the activation of the p125(FAK)/Zap-70 complex in human T cells. <i>Immunology</i> , 1999 , 98, 564-8	7.8	13
47	Structural defects of a Pax8 mutant that give rise to congenital hypothyroidism. <i>Biochemical Journal</i> , 1999 , 341, 89-93	3.8	13
46	Co-operation between the PAI and RED subdomains of Pax-8 in the interaction with the thyroglobulin promoter. <i>Biochemical Journal</i> , 1999 , 337, 253	3.8	12
45	Endonuclease and redox activities of human apurinic/apyrimidinic endonuclease 1 have distinctive and essential functions in IgA class switch recombination. <i>Journal of Biological Chemistry</i> , 2019 , 294, 5198-5207 ¹²	5.4	12

44	Functional analysis of a novel RUNX2 missense mutation found in a family with cleidocranial dysplasia. <i>Journal of Human Genetics</i> , 2005 , 50, 679-83	4.3	11
43	Molecular characterization of <i>Pseudomonas aeruginosa</i> 2NR degrading naphthalene. <i>Letters in Applied Microbiology</i> , 1999 , 29, 181-6	2.9	11
42	Effect of salt concentration on TTF-1 HD binding to specific and non-specific DNA sequences. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 197, 632-8	3.4	11
41	Down-regulation of SM22/transgelin gene expression during H9c2 cells differentiation. <i>Molecular and Cellular Biochemistry</i> , 2009 , 327, 145-52	4.2	9
40	Modern strategies to identify new molecular targets for the treatment of liver diseases: The promising role of Proteomics and Redox Proteomics investigations. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 242-62	3.1	9
39	Thyroid tumors: novel insights from proteomic studies. <i>Expert Review of Proteomics</i> , 2009 , 6, 363-76	4.2	8
38	Effect of phosphorothioate modifications on the ability of GTn oligodeoxynucleotides to specifically recognize single-stranded DNA-binding proteins and to affect human cancer cellular growth. <i>Biochimie</i> , 1999 , 81, 1115-22	4.6	8
37	Isoforms of the Erythropoietin receptor in dopaminergic neurons of the Substantia Nigra. <i>Journal of Neurochemistry</i> , 2016 , 139, 596-609	6	8
36	APE1/Ref-1 redox function contributes to inflammatory pain sensitization. <i>Experimental Neurology</i> , 2018 , 307, 1-11	5.7	8
35	H ₂ O ₂ modulates purinergic-dependent calcium signalling in osteoblast-like cells. <i>Cell Calcium</i> , 2008 , 43, 457-68	4	7
34	Molecular analysis of a human PAX6 homeobox mutant. <i>European Journal of Human Genetics</i> , 2006 , 14, 744-51	5.3	7
33	APE/Ref-1 is controlled by both redox and cAMP-dependent mechanisms in rat thyroid cells. <i>Hormone and Metabolic Research</i> , 2002 , 34, 303-10	3.1	7
32	Architecture of The Human Ape1 Interactome Defines Novel Cancers Signatures. <i>Scientific Reports</i> , 2020 , 10, 28	4.9	7
31	DNA repair enzyme APE1 from evolutionarily ancient Hydra reveals redox activity exclusively found in mammalian APE1. <i>DNA Repair</i> , 2017 , 59, 44-56	4.3	6
30	Unlike the counterpart, archaeal RNase HII cannot process ribose monophosphate abasic sites and oxidized ribonucleotides embedded in DNA. <i>Journal of Biological Chemistry</i> , 2019 , 294, 13061-13072	5.4	6
29	Combining RNAi and in vivo confocal microscopy analysis of the photoconvertible fluorescent protein Dendra2 to study a DNA repair protein. <i>BioTechniques</i> , 2013 , 55, 198-203	2.5	6
28	Two novel NPM1 mutations in a therapy-responder AML patient. <i>Hematological Oncology</i> , 2010 , 28, 151-53	5.3	6
27	Shotgun proteomics analysis reveals new unsuspected molecular effectors of nitrogen-containing bisphosphonates in osteocytes. <i>Journal of Proteomics</i> , 2011 , 74, 1113-22	3.9	6

26	APE/Ref-1 is increased in nuclear fractions of human thyroid hyperfunctioning nodules. <i>Molecular and Cellular Endocrinology</i> , 2002 , 194, 71-6	4.4	6
25	Structural defects of a Pax8 mutant that give rise to congenital hypothyroidism. <i>Biochemical Journal</i> , 1999 , 341, 89	3.8	6
24	A potent HIV protease inhibitor identified in an epimeric mixture by high-resolution protein crystallography. <i>ChemMedChem</i> , 2006 , 1, 186-8	3.7	5
23	Comparative stability analysis of the thyroid transcription factor 1 and Antennapedia homeodomains: evidence for residue 54 in controlling the structural stability of the recognition helix. <i>International Journal of Biochemistry and Cell Biology</i> , 1999 , 31, 1339-53	5.6	5
22	Integrated multi-omics analyses on patient-derived CRC organoids highlight altered molecular pathways in colorectal cancer progression involving PTEN. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 198	12.8	5
21	Enzymatically active apurinic/apyrimidinic endodeoxyribonuclease 1 is released by mammalian cells through exosomes. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100569	5.4	5
20	Unexpected phenotype of a typical NPM1 mutant. <i>British Journal of Haematology</i> , 2009 , 147, 760-3	4.5	4
19	Biphasic control of NF-kappa B activation induced by the triggering of HLA-DR antigens expressed on B cells. <i>Cytokine</i> , 1997 , 9, 295-9	4	4
18	Structural studies on Pax-8 Prd domain/DNA complex. <i>Journal of Biomolecular Structure and Dynamics</i> , 2007 , 24, 429-41	3.6	4
17	Cleavage of the APE1 N-Terminal Domain in Acute Myeloid Leukemia Cells Is Associated with Proteasomal Activity. <i>Biomolecules</i> , 2020 , 10,	5.9	4
16	Coping with RNA damage with a focus on APE1, a BER enzyme at the crossroad between DNA damage repair and RNA processing/decay. <i>DNA Repair</i> , 2021 , 104, 103133	4.3	4
15	[Letter to the Editor] Isolation of mitochondria is necessary for precise quantification of mitochondrial DNA damage in human carcinoma samples. <i>BioTechniques</i> , 2017 , 62, 13-17	2.5	3
14	Monoclonal antibodies against pools of mono- and polyacetylated peptides selectively recognize acetylated lysines within the context of the original antigen. <i>MAbs</i> , 2016 , 8, 1575-1589	6.6	3
13	Early Molecular Events during Response to Oxidative Stress in Human Cells by Differential Proteomics 2006 , 369-397		3
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7	The redox-sensitive APE1 is a master cellular regulator for inflammatory pain condition. <i>IBRO Reports</i> , 2019 , 7, 52-53	2	2
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