

Martin F Lavin

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.

381
papers

20,302
citations

66
h-index

130
g-index

402
ext. papers

21,981
ext. citations

6.7
avg, IF

6.63
L-index

#	Paper	IF	Citations
381	A single ataxia telangiectasia gene with a product similar to PI-3 kinase. <i>Science</i> , 1995 , 268, 1749-53	33.3	2334
380	ATM activation by oxidative stress. <i>Science</i> , 2010 , 330, 517-21	33.3	797
379	Ataxia-telangiectasia: from a rare disorder to a paradigm for cell signalling and cancer. <i>Nature Reviews Molecular Cell Biology</i> , 2008 , 9, 759-69	48.7	714
378	The genetic defect in ataxia-telangiectasia. <i>Annual Review of Immunology</i> , 1997 , 15, 177-202	34.7	532
377	The complexity of p53 stabilization and activation. <i>Cell Death and Differentiation</i> , 2006 , 13, 941-50	12.7	522
376	Interaction between ATM protein and c-Abl in response to DNA damage. <i>Nature</i> , 1997 , 387, 520-3	50.4	418
375	ATM-dependent phosphorylation of nibrin in response to radiation exposure. <i>Nature Genetics</i> , 2000 , 25, 115-9	36.3	412
374	ATM associates with and phosphorylates p53: mapping the region of interaction. <i>Nature Genetics</i> , 1998 , 20, 398-400	36.3	404
373	Robot-assisted laparoscopic prostatectomy versus open radical retropubic prostatectomy: early outcomes from a randomised controlled phase 3 study. <i>Lancet, The</i> , 2016 , 388, 1057-1066	40	378
372	ATM activation and DNA damage response. <i>Cell Cycle</i> , 2007 , 6, 931-42	4.7	328
371	Mice heterozygous for mutation in <i>Atm</i> , the gene involved in ataxia-telangiectasia, have heightened susceptibility to cancer. <i>Nature Genetics</i> , 2002 , 32, 185-90	36.3	278
370	Missense mutations but not allelic variants alter the function of ATM by dominant interference in patients with breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 925-30	11.5	275
369	Effect of ionizing radiation on DNA synthesis in ataxia telangiectasia cells. <i>Nucleic Acids Research</i> , 1980 , 8, 3709-20	20.1	235
368	ATM and the Mre11 complex combine to recognize and signal DNA double-strand breaks. <i>Oncogene</i> , 2007 , 26, 7749-58	9.2	227
367	Involvement of novel autophosphorylation sites in ATM activation. <i>EMBO Journal</i> , 2006 , 25, 3504-14	13	225
366	Ataxia telangiectasia mutated (ATM) signaling network is modulated by a novel poly(ADP-ribose)-dependent pathway in the early response to DNA-damaging agents. <i>Journal of Biological Chemistry</i> , 2007 , 282, 16441-53	5.4	202
365	Predominance of null mutations in ataxia-telangiectasia. <i>Human Molecular Genetics</i> , 1996 , 5, 433-9	5.6	201

364	Identification of ataxia telangiectasia heterozygotes, a cancer prone population. <i>Nature</i> , 1978 , 274, 484-504	6.4	199
363	ATM, a central controller of cellular responses to DNA damage. <i>Cell Death and Differentiation</i> , 2001 , 8, 1052-65	12.7	187
362	Robot-assisted laparoscopic prostatectomy versus open radical retropubic prostatectomy: 24-month outcomes from a randomised controlled study. <i>Lancet Oncology</i> , 2018 , 19, 1051-1060	21.7	181
361	Human RAD50 deficiency in a Nijmegen breakage syndrome-like disorder. <i>American Journal of Human Genetics</i> , 2009 , 84, 605-16	11	175
360	Cellular localisation of the ataxia-telangiectasia (ATM) gene product and discrimination between mutated and normal forms. <i>Oncogene</i> , 1997 , 14, 1911-21	9.2	158
359	Radiosensitivity in ataxia-telangiectasia: anomalies in radiation-induced cell cycle delay. <i>International Journal of Radiation Biology</i> , 1994 , 65, 175-84	2.9	157
358	ATM signaling and genomic stability in response to DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 569, 123-32	3.3	156
357	Calpain activation is upstream of caspases in radiation-induced apoptosis. <i>Cell Death and Differentiation</i> , 1998 , 5, 1051-61	12.7	155
356	Localization of a portion of extranuclear ATM to peroxisomes. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34277-82	5.4	146
355	Senataxin, defective in ataxia oculomotor apraxia type 2, is involved in the defense against oxidative DNA damage. <i>Journal of Cell Biology</i> , 2007 , 177, 969-79	7.3	141
354	Novel cytotoxic compounds from the ascidian <i>Lissoclinum bistratum</i> . <i>Journal of Medicinal Chemistry</i> , 1989 , 32, 1354-9	8.3	141
353	Aprataxin, a novel protein that protects against genotoxic stress. <i>Human Molecular Genetics</i> , 2004 , 13, 1081-93	5.6	133
352	Cellular radiosensitivity: how much better do we understand it?. <i>International Journal of Radiation Biology</i> , 2009 , 85, 1061-81	2.9	131
351	Autophosphorylation and ATM activation: additional sites add to the complexity. <i>Journal of Biological Chemistry</i> , 2011 , 286, 9107-19	5.4	130
350	Inhibition of transforming growth factor-beta1 signaling attenuates ataxia telangiectasia mutated activity in response to genotoxic stress. <i>Cancer Research</i> , 2006 , 66, 10861-9	10.1	130
349	New cyclic peptides with cytotoxic activity from the ascidian <i>Lissoclinum patella</i> . <i>Journal of Medicinal Chemistry</i> , 1989 , 32, 1349-54	8.3	126
348	A novel ionizing radiation-induced signaling pathway that activates the transcription factor NF-kappaB. <i>Oncogene</i> , 1998 , 17, 1821-6	9.2	117
347	Functional role for senataxin, defective in ataxia oculomotor apraxia type 2, in transcriptional regulation. <i>Human Molecular Genetics</i> , 2009 , 18, 3384-96	5.6	114

346	Transactivation-deficient p73alpha (p73Deltaexon2) inhibits apoptosis and competes with p53. <i>Oncogene</i> , 2001 , 20, 514-22	9.2	109
345	Oxidative stress is responsible for deficient survival and dendritogenesis in purkinje neurons from ataxia-telangiectasia mutated mutant mice. <i>Journal of Neuroscience</i> , 2003 , 23, 11453-60	6.6	108
344	Current and potential therapeutic strategies for the treatment of ataxia-telangiectasia. <i>British Medical Bulletin</i> , 2007 , 81-82, 129-47	5.4	106
343	Defect in multiple cell cycle checkpoints in ataxia-telangiectasia postirradiation. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20486-93	5.4	105
342	Identification of a novel protein kinase mediating Akt survival signaling to the ATM protein. <i>Journal of Biological Chemistry</i> , 2003 , 278, 48-53	5.4	104
341	Purification and characterization of ATM from human placenta. A manganese-dependent, wortmannin-sensitive serine/threonine protein kinase. <i>Journal of Biological Chemistry</i> , 2000 , 275, 7803-10	5.4	103
340	Expression analysis of delta-catenin and prostate-specific membrane antigen: their potential as diagnostic markers for prostate cancer. <i>International Journal of Cancer</i> , 2002 , 100, 228-37	7.5	102
339	Heteronuclear ribonucleoproteins C1 and C2, components of the spliceosome, are specific targets of interleukin 1beta-converting enzyme-like proteases in apoptosis. <i>Journal of Biological Chemistry</i> , 1996 , 271, 29335-41	5.4	100
338	Senataxin plays an essential role with DNA damage response proteins in meiotic recombination and gene silencing. <i>PLoS Genetics</i> , 2013 , 9, e1003435	6	99
337	Use of multiple biomarkers for a molecular diagnosis of prostate cancer. <i>International Journal of Cancer</i> , 2005 , 114, 950-6	7.5	99
336	Isolation of full-length ATM cDNA and correction of the ataxia-telangiectasia cellular phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8021-6	11.5	95
335	Functional link between BLM defective in Bloom's syndrome and the ataxia-telangiectasia-mutated protein, ATM. <i>Journal of Biological Chemistry</i> , 2002 , 277, 30515-23	5.4	95
334	ATM protein kinase: the linchpin of cellular defenses to stress. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2977-3006	10.3	91
333	Ataxia telangiectasia-mutated gene product inhibits DNA damage-induced apoptosis via ceramide synthase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 17908-17	5.4	91
332	Deficiency in the catalytic subunit of DNA-dependent protein kinase causes down-regulation of ATM. <i>Cancer Research</i> , 2005 , 65, 1670-7	10.1	86
331	ATM-Dependent Phosphorylation of All Three Members of the MRN Complex: From Sensor to Adaptor. <i>Biomolecules</i> , 2015 , 5, 2877-902	5.9	83
330	UV-induced hyperphosphorylation of replication protein a depends on DNA replication and expression of ATM protein. <i>Molecular Biology of the Cell</i> , 2001 , 12, 1199-213	3.5	82
329	Molecular cloning and sequencing of an Australian isolate of proviral bovine leukaemia virus DNA: comparison with other isolates. <i>Journal of General Virology</i> , 1990 , 71 (Pt 8), 1737-46	4.9	82

328	Cyclozoline: A cytotoxic cyclic hexapeptide from the ascidian lissoclinum bistratum.. <i>Tetrahedron</i> , 1992 , 48, 341-348	2.4	81
327	Relationship of the ataxia-telangiectasia protein ATM to phosphoinositide 3-kinase. <i>Trends in Biochemical Sciences</i> , 1995 , 20, 382-3	10.3	76
326	Rad21-cohesin haploinsufficiency impedes DNA repair and enhances gastrointestinal radiosensitivity in mice. <i>PLoS ONE</i> , 2010 , 5, e12112	3.7	76
325	Resistance of actin to cleavage during apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 157-62	11.5	75
324	IGF-1 phosphorylates AMPK-alpha subunit in ATM-dependent and LKB1-independent manner. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 986-92	3.4	75
323	Transferrin receptor expression by human bladder transitional cell carcinomas. <i>Urological Research</i> , 1987 , 15, 341-4		75
322	Aprataxin, poly-ADP ribose polymerase 1 (PARP-1) and apurinic endonuclease 1 (APE1) function together to protect the genome against oxidative damage. <i>Human Molecular Genetics</i> , 2009 , 18, 4102-17	5.6	72
321	Inhibition of apoptosis in human tumour cells by okadaic acid. <i>Journal of Cellular Physiology</i> , 1992 , 153, 550-6	7	72
320	Structure-activity relationships of the lissoclinamides: cytotoxic cyclic peptides from the ascidian Lissoclinum patella. <i>Journal of Medicinal Chemistry</i> , 1990 , 33, 1634-8	8.3	72
319	Chlamydial disease in koalas. <i>Australian Veterinary Journal</i> , 1987 , 64, 346-50	1.2	71
318	The diversity of bioactive proteins in Australian snake venoms. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 973-86	7.6	68
317	ATP activates ataxia-telangiectasia mutated (ATM) in vitro. Importance of autophosphorylation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9309-17	5.4	68
316	Textilins from <i>Pseudonaja textilis textilis</i> . Characterization of two plasmin inhibitors that reduce bleeding in an animal model. <i>Blood Coagulation and Fibrinolysis</i> , 2000 , 11, 385-93	1	66
315	Repair of ionizing radiation induced DNA damage in human lymphocytes. <i>Nucleic Acids Research</i> , 1977 , 4, 4015-22	20.1	66
314	The plant isoflavenoid genistein activates p53 and Chk2 in an ATM-dependent manner. <i>Journal of Biological Chemistry</i> , 2001 , 276, 4828-33	5.4	65
313	Ataxia-telangiectasia: chronic activation of damage-responsive functions is reduced by alpha-lipoic acid. <i>Oncogene</i> , 2001 , 20, 289-94	9.2	64
312	New genomic structure for prostate cancer specific gene PCA3 within BMCC1: implications for prostate cancer detection and progression. <i>PLoS ONE</i> , 2009 , 4, e4995	3.7	63
311	Dramatic extension of tumor latency and correction of neurobehavioral phenotype in <i>Atm</i> -mutant mice with a nitroxide antioxidant. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 992-1000	7.8	63

310	Molecular diversity in venom from the Australian Brown snake, <i>Pseudonaja textilis</i> . <i>Molecular and Cellular Proteomics</i> , 2006 , 5, 379-89	7.6	63
309	A role for homologous recombination and abnormal cell-cycle progression in radioresistance of glioma-initiating cells. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 1863-72	6.1	62
308	Role of protein kinase activity in apoptosis. <i>Experientia</i> , 1996 , 52, 979-94		59
307	Immunohistological expression of p53 in primary pT1 transitional cell bladder cancer in relation to tumour progression. <i>British Journal of Urology</i> , 1994 , 73, 526-32		59
306	Transplantation of adipose-derived mesenchymal stem cells attenuates pulmonary fibrosis of silicosis via anti-inflammatory and anti-apoptosis effects in rats. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 110	8.3	58
305	Aprataxin forms a discrete branch in the HIT (histidine triad) superfamily of proteins with both DNA/RNA binding and nucleotide hydrolase activities. <i>Journal of Biological Chemistry</i> , 2006 , 281, 13939-48	5.4	58
304	Ataxia-telangiectasia: a multifaceted genetic disorder associated with defective signal transduction. <i>Current Opinion in Immunology</i> , 1996 , 8, 459-64	7.8	58
303	The isoflavonoids genistein and quercetin activate different stress signaling pathways as shown by analysis of site-specific phosphorylation of ATM, p53 and histone H2AX. <i>DNA Repair</i> , 2004 , 3, 235-44	4.3	57
302	Interleukin-1 beta-converting enzyme-like protease cleaves DNA-dependent protein kinase in cytotoxic T cell killing. <i>Journal of Experimental Medicine</i> , 1996 , 184, 619-26	16.6	57
301	ATM protein-dependent phosphorylation of Rad50 protein regulates DNA repair and cell cycle control. <i>Journal of Biological Chemistry</i> , 2011 , 286, 31542-56	5.4	56
300	The Mre11 complex and ATM: a two-way functional interaction in recognising and signaling DNA double strand breaks. <i>DNA Repair</i> , 2004 , 3, 1515-20	4.3	56
299	DNA-binding protein activated by gamma radiation in human cells. <i>Molecular and Cellular Biology</i> , 1990 , 10, 5279-85	4.8	56
298	A novel profluorescent nitroxide as a sensitive probe for the cellular redox environment. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 67-76	7.8	55
297	Live cell imaging of heavy-ion-induced radiation responses by beamline microscopy. <i>Radiation Research</i> , 2005 , 163, 681-90	3.1	55
296	Induced pluripotent stem cells from ataxia-telangiectasia recapitulate the cellular phenotype. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 523-35	6.9	54
295	Cell death by apoptosis in acute leukaemia. <i>Journal of Pathology</i> , 1989 , 158, 123-9	9.4	54
294	Functional and computational assessment of missense variants in the ataxia-telangiectasia mutated (ATM) gene: mutations with increased cancer risk. <i>Human Mutation</i> , 2009 , 30, 12-21	4.7	53
293	Isolation of a cDNA clone, encoding a human beta-galactoside binding protein, overexpressed during glucocorticoid-induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 178, 746-50	3.4	53

292	Comparative analysis of prothrombin activators from the venom of Australian elapids. <i>Molecular Biology and Evolution</i> , 2005 , 22, 1853-64	8.3	52
291	Testing for mutations of the ataxia telangiectasia gene in radiosensitive breast cancer patients. <i>Radiotherapy and Oncology</i> , 1998 , 47, 125-8	5.3	52
290	Calyculin A, a potent inhibitor of phosphatases-1 and -2A, prevents apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 190, 47-55	3.4	52
289	Butyrate induced apoptosis in lymphoid cells preceded by transient over-expression of HSP70 mRNA. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 198, 257-65	3.4	52
288	Loss of caspase-2 augments lymphomagenesis and enhances genomic instability in Atm-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19920-5 ^{11.5}		51
287	Metabolomics: a novel approach to early and noninvasive prostate cancer detection. <i>Korean Journal of Urology</i> , 2011 , 52, 79-89		50
286	Design and Clinical Verification of Surface-Enhanced Raman Spectroscopy Diagnostic Technology for Individual Cancer Risk Prediction. <i>ACS Nano</i> , 2018 , 12, 8362-8371	16.7	48
285	A subgroup of spinocerebellar ataxias defective in DNA damage responses. <i>Neuroscience</i> , 2007 , 145, 1418-25	3.9	48
284	The effects of ionizing radiation on cell cycle progression in ataxia telangiectasia. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1984 , 125, 115-22	3.3	48
283	CK2 phosphorylation-dependent interaction between aprataxin and MDC1 in the DNA damage response. <i>Nucleic Acids Research</i> , 2010 , 38, 1489-503	20.1	47
282	Identification of claudin-4 as a marker highly overexpressed in both primary and metastatic prostate cancer. <i>British Journal of Cancer</i> , 2008 , 99, 491-501	8.7	47
281	Functional consequences of sequence alterations in the ATM gene. <i>DNA Repair</i> , 2004 , 3, 1197-205	4.3	47
280	Ferreascidin: A highly aromatic protein containing 3,4-dihydroxyphenylalanine from the blood cells of a stolidobranch ascidian. <i>Biochemistry</i> , 1987 , 26, 8078-8082	3.2	47
279	A rat model of ataxia-telangiectasia: evidence for a neurodegenerative phenotype. <i>Human Molecular Genetics</i> , 2017 , 26, 109-123	5.6	47
278	Reactive Oxygen Species (ROS)-Activated ATM-Dependent Phosphorylation of Cytoplasmic Substrates Identified by Large-Scale Phosphoproteomics Screen. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1032-47	7.6	46
277	Increased sensitivity to ionizing radiation by targeting the homologous recombination pathway in glioma initiating cells. <i>Molecular Oncology</i> , 2014 , 8, 1603-15	7.9	46
276	Identification and analysis of venom gland-specific genes from the coastal taipan (<i>Oxyuranus scutellatus</i>) and related species. <i>Cellular and Molecular Life Sciences</i> , 2005 , 62, 2679-93	10.3	46
275	Textilinin-1, an alternative anti-bleeding agent to aprotinin: Importance of plasmin inhibition in controlling blood loss. <i>British Journal of Haematology</i> , 2009 , 145, 207-11	4.5	45

274	Epidermal growth factor sensitizes cells to ionizing radiation by down-regulating protein mutated in ataxia-telangiectasia. <i>Journal of Biological Chemistry</i> , 2001 , 276, 8884-91	5.4	45
273	The ZFH3 (ATBF1) transcription factor induces PDGFRB, which activates ATM in the cytoplasm to protect cerebellar neurons from oxidative stress. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 752-62	4.1	44
272	Crystal structure of textilinin-1, a Kunitz-type serine protease inhibitor from the venom of the Australian common brown snake (<i>Pseudonaja textilis</i>). <i>FEBS Journal</i> , 2009 , 276, 3163-75	5.7	44
271	Down-regulation of ATM protein sensitizes human prostate cancer cells to radiation-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 23262-72	5.4	44
270	Protein kinase A inhibitors enhance radiation-induced apoptosis. <i>Journal of Cellular Biochemistry</i> , 1995 , 57, 12-21	4.7	44
269	T cell-T cell killing is induced by specific epitopes: evidence for an apoptotic mechanism. <i>Journal of Experimental Medicine</i> , 1991 , 173, 681-6	16.6	44
268	Radiosensitivity and oxidative signalling in ataxia telangiectasia: an update. <i>Radiotherapy and Oncology</i> , 1998 , 47, 113-23	5.3	43
267	Molecular changes associated with induction of cell death in a human T-cell leukaemia line: putative nucleases identified as histones. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 162, 30-7	3.4	42
266	Aspects of the epidemiology of <i>Chlamydia psittaci</i> infection in a population of koalas (<i>Phascolarctos cinereus</i>) in southeastern Queensland, Australia. <i>Journal of Wildlife Diseases</i> , 1988 , 24, 282-91	1.3	42
265	Vaccine-induced cytotoxic T lymphocytes protect against retroviral challenge. <i>Nature Medicine</i> , 1998 , 4, 1193-6	50.5	41
264	Immunohistochemical analysis of the human bladder. <i>British Journal of Urology</i> , 1986 , 58, 19-25		41
263	Radiological imaging in ataxia telangiectasia: a review. <i>Cerebellum</i> , 2014 , 13, 521-30	4.3	40
262	The appropriateness of the mouse model for ataxia-telangiectasia: neurological defects but no neurodegeneration. <i>DNA Repair</i> , 2013 , 12, 612-9	4.3	40
261	Bovine leukaemia proviral DNA detection in cattle using the polymerase chain reaction. <i>Veterinary Microbiology</i> , 1990 , 25, 117-29	3.3	40
260	ATM-dependent phosphorylation of MRE11 controls extent of resection during homology directed repair by signalling through Exonuclease 1. <i>Nucleic Acids Research</i> , 2015 , 43, 8352-67	20.1	39
259	Drug development from Australian elapid snake venoms and the Venomics pipeline of candidates for haemostasis: Textilinin-1 (Q8008), Haempatch[(Q8009) and CoVase[(V0801). <i>Toxicon</i> , 2012 , 59, 456-63	2.8	39
258	Damage-resistant DNA synthesis in eukaryotes. <i>Mutation Research - DNA Repair Reports</i> , 1988 , 193, 193-206		39
257	Post-translational modification accounts for the presence of varied forms of nerve growth factor in Australian elapid snake venoms. <i>Proteomics</i> , 2006 , 6, 6554-65	4.8	37

256	R-loops in proliferating cells but not in the brain: implications for AOA2 and other autosomal recessive ataxias. <i>PLoS ONE</i> , 2014 , 9, e90219	3.7	37
255	ATM Is Upregulated During the Mitogenic Response in Peripheral Blood Mononuclear Cells. <i>Blood</i> , 1999 , 94, 1998-2006	2.2	36
254	Smg1 haploinsufficiency predisposes to tumor formation and inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E285-94	11.5	35
253	Venom factor V from the common brown snake escapes hemostatic regulation through procoagulant adaptations. <i>Blood</i> , 2009 , 114, 686-92	2.2	35
252	A novel rat model for glioblastoma multiforme using a bioluminescent F98 cell line. <i>Journal of Clinical Neuroscience</i> , 2008 , 15, 545-51	2.2	35
251	Common evolution of waprin and kunitz-like toxin families in Australian venomous snakes. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 4039-54	10.3	35
250	Gene expression during early ascidian metamorphosis requires signalling by Hemps, an EGF-like protein. <i>Development (Cambridge)</i> , 2004 , 131, 2921-33	6.6	35
249	A novel role for hSMG-1 in stress granule formation. <i>Molecular and Cellular Biology</i> , 2011 , 31, 4417-29	4.8	34
248	Cloning and characterisation of natriuretic peptides from the venom glands of Australian elapids. <i>Biochimie</i> , 2006 , 88, 1923-31	4.6	34
247	A family of textilinin genes, two of which encode proteins with antihemorrhagic properties. <i>British Journal of Haematology</i> , 2002 , 119, 376-84	4.5	34
246	Diagnostic performance of expression of PCA3, Hepsin and miR biomarkers in ejaculate in combination with serum PSA for the detection of prostate cancer. <i>Prostate</i> , 2015 , 75, 539-49	4.2	33
245	Nucleolar localization of aprataxin is dependent on interaction with nucleolin and on active ribosomal DNA transcription. <i>Human Molecular Genetics</i> , 2006 , 15, 2239-49	5.6	33
244	DNA damage-induced signalling in ataxia-telangiectasia and related syndromes. <i>Radiotherapy and Oncology</i> , 2007 , 83, 231-7	5.3	33
243	Chk1 complements the G2/M checkpoint defect and radiosensitivity of ataxia-telangiectasia cells. <i>Oncogene</i> , 1999 , 18, 249-56	9.2	33
242	ATM: the product of the gene mutated in ataxia-telangiectasia. <i>International Journal of Biochemistry and Cell Biology</i> , 1999 , 31, 735-40	5.6	33
241	Identification of a potentially radiosensitive subgroup among patients with breast cancer. <i>Journal of the National Cancer Institute</i> , 1994 , 86, 1627-34	9.7	33
240	Ionizing Radiation and Cell Cycle Progression in Ataxia Telangiectasia. <i>Radiation Research</i> , 1994 , 138, S130	3.1	33
239	Isolation of 3,4-dihydroxyphenylalanine-containing proteins using boronate affinity chromatography. <i>Analytical Biochemistry</i> , 1986 , 159, 187-90	3.1	33

- 238 Evaluation of the Becton-Dickinson rapid serum tube: does it provide a suitable alternative to lithium heparin plasma tubes?. *Clinical Chemistry and Laboratory Medicine*, **2010**, 48, 651-7 5.9 32
- 237 Defective signaling through the B cell antigen receptor in Epstein-Barr virus-transformed ataxia-telangiectasia cells. *Journal of Biological Chemistry*, **1997**, 272, 9489-95 5.4 32
- 236 Comparison of textilinin-1 with aprotinin as serine protease inhibitors and as antifibrinolytic agents. *Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research*, **2005**, 34, 188-93 32
- 235 Frequent loss of heterozygosity at 1p36 in ovarian adenocarcinomas but the gene encoding p73 is unlikely to be the target. *Oncogene*, **1999**, 18, 4640-2 9.2 32
- 234 Comparison of gamma-radiation-induced accumulation of ataxia telangiectasia and control cells in G2 phase. *Mutation Research DNA Repair*, **1989**, 218, 165-70 32
- 233 Ataxia telangiectasia: an anomaly in DNA replication after irradiation. *Nucleic Acids Research*, **1981**, 9, 1395-404 20.1 32
- 232 Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. *Nature Immunology*, **2015**, 16, 485-94 19.1 31
- 231 Mutation of senataxin alters disease-specific transcriptional networks in patients with ataxia with oculomotor apraxia type 2. *Human Molecular Genetics*, **2014**, 23, 4758-69 5.6 31
- 230 Tyrosine 370 phosphorylation of ATM positively regulates DNA damage response. *Cell Research*, **2015**, 25, 225-36 24.7 31
- 229 Low dose ionizing radiation-induced activation of connexin 43 expression. *International Journal of Radiation Biology*, **2003**, 79, 955-64 2.9 31
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- 227 Markers for detection of prostate cancer. *Cancers*, **2010**, 2, 1125-54 6.6 30
- 226 An anti-sense construct of full-length ATM cDNA imposes a radiosensitive phenotype on normal cells. *Oncogene*, **1998**, 17, 811-8 9.2 30
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