

Martin F Lavin

List of Publications by Year in descending order

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394
papers

23,886
citations

11639

70
h-index

10152

140
g-index

402
all docs

402
docs citations

402
times ranked

20610
citing authors

#	ARTICLE	IF	CITATIONS
1	A single ataxia telangiectasia gene with a product similar to PI-3 kinase. <i>Science</i> , 1995, 268, 1749-1753.	6.0	2,634
2	ATM Activation by Oxidative Stress. <i>Science</i> , 2010, 330, 517-521.	6.0	931
3	Ataxia-telangiectasia: from a rare disorder to a paradigm for cell signalling and cancer. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 759-769.	16.1	811
4	The complexity of p53 stabilization and activation. <i>Cell Death and Differentiation</i> , 2006, 13, 941-950.	5.0	589
5	THE GENETIC DEFECT IN ATAXIA-TELANGIECTASIA. <i>Annual Review of Immunology</i> , 1997, 15, 177-202.	9.5	586
6	Robot-assisted laparoscopic prostatectomy versus open radical retropubic prostatectomy: early outcomes from a randomised controlled phase 3 study. <i>Lancet</i> , The, 2016, 388, 1057-1066.	6.3	539
7	Interaction between ATM protein and c-Abl in response to DNA damage. <i>Nature</i> , 1997, 387, 520-523.	13.7	460
8	ATM associates with and phosphorylates p53: mapping the region of interaction. <i>Nature Genetics</i> , 1998, 20, 398-400.	9.4	450
9	ATM-dependent phosphorylation of nibrin in response to radiation exposure. <i>Nature Genetics</i> , 2000, 25, 115-119.	9.4	446
10	ATM Activation and DNA Damage Response. <i>Cell Cycle</i> , 2007, 6, 931-942.	1.3	382
11	Robot-assisted laparoscopic prostatectomy versus open radical retropubic prostatectomy: 24-month outcomes from a randomised controlled study. <i>Lancet Oncology</i> , The, 2018, 19, 1051-1060.	5.1	304
12	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, 185-190.	9.4	291
13	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, 925-930.	3.3	287
14	ATM and the Mre11 complex combine to recognize and signal DNA double-strand breaks. <i>Oncogene</i> , 2007, 26, 7749-7758.	2.6	261
15	Effect of ionizing radiation on DNA synthesis in ataxia telangiectasia cells. <i>Nucleic Acids Research</i> , 1980, 8, 3709-3720.	6.5	254
16	Involvement of novel autophosphorylation sites in ATM activation. <i>EMBO Journal</i> , 2006, 25, 3504-3514.	3.5	251
17	Predominance of null mutations in ataxia-telangiectasia. <i>Human Molecular Genetics</i> , 1996, 5, 433-439.	1.4	247
18	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, 16441-16453.	1.6	225

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19	ATM, a central controller of cellular responses to DNA damage. <i>Cell Death and Differentiation</i> , 2001, 8, 1052-1065.	5.0	220
20	Identification of ataxia telangiectasia heterozygotes, a cancer prone population. <i>Nature</i> , 1978, 274, 484-486.	13.7	218
21	Human RAD50 Deficiency in a Nijmegen Breakage Syndrome-like Disorder. <i>American Journal of Human Genetics</i> , 2009, 84, 605-616.	2.6	217
22	ATM signaling and genomic stability in response to DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 569, 123-132.	0.4	181
23	Radiosensitivity in Ataxia-telangiectasia: Anomalies in Radiation-induced Cell Cycle Delay. <i>International Journal of Radiation Biology</i> , 1994, 65, 175-184.	1.0	176
24	Radiological Imaging in Ataxia Telangiectasia: a Review. <i>Cerebellum</i> , 2014, 13, 521-530.	1.4	174
25	Cellular localisation of the ataxia-telangiectasia (ATM) gene product and discrimination between mutated and normal forms. <i>Oncogene</i> , 1997, 14, 1911-1921.	2.6	172
26	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, 969-979.	2.3	170
27	Localization of a Portion of Extranuclear ATM to Peroxisomes. <i>Journal of Biological Chemistry</i> , 1999, 274, 34277-34282.	1.6	169
28	Calpain activation is upstream of caspases in radiation-induced apoptosis. <i>Cell Death and Differentiation</i> , 1998, 5, 1051-1061.	5.0	168
29	Autophosphorylation and ATM Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 9107-9119.	1.6	166
30	Novel cytotoxic compounds from the ascidian <i>Lissoclinum bistratum</i> . <i>Journal of Medicinal Chemistry</i> , 1989, 32, 1354-1359.	2.9	157
31	Inhibition of Transforming Growth Factor- β 1 Signaling Attenuates Ataxia Telangiectasia Mutated Activity in Response to Genotoxic Stress. <i>Cancer Research</i> , 2006, 66, 10861-10869.	0.4	152
32	New cyclic peptides with cytotoxic activity from the ascidian <i>Lissoclinum patella</i> . <i>Journal of Medicinal Chemistry</i> , 1989, 32, 1349-1354.	2.9	151
33	Aprataxin, a novel protein that protects against genotoxic stress. <i>Human Molecular Genetics</i> , 2004, 13, 1081-1093.	1.4	148
34	Cellular radiosensitivity: How much better do we understand it?. <i>International Journal of Radiation Biology</i> , 2009, 85, 1061-1081.	1.0	148
35	Functional role for senataxin, defective in ataxia oculomotor apraxia type 2, in transcriptional regulation. <i>Human Molecular Genetics</i> , 2009, 18, 3384-3396.	1.4	136
36	A novel ionizing radiation-induced signaling pathway that activates the transcription factor NF- κ B. <i>Oncogene</i> , 1998, 17, 1821-1826.	2.6	135

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37	Senataxin Plays an Essential Role with DNA Damage Response Proteins in Meiotic Recombination and Gene Silencing. <i>PLoS Genetics</i> , 2013, 9, e1003435.	1.5	135
38	Current and potential therapeutic strategies for the treatment of ataxia-telangiectasia. <i>British Medical Bulletin</i> , 2007, 81-82, 129-147.	2.7	129
39	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, 11453-11460.	1.7	125
40	Use of multiple biomarkers for a molecular diagnosis of prostate cancer. <i>International Journal of Cancer</i> , 2005, 114, 950-956.	2.3	125
41	Identification of a Novel Protein Kinase Mediating Akt Survival Signaling to the ATM Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 48-53.	1.6	123
42	Defect in Multiple Cell Cycle Checkpoints in Ataxia-Telangiectasia Postirradiation. <i>Journal of Biological Chemistry</i> , 1996, 271, 20486-20493.	1.6	121
43	Transactivation-deficient p73 ^Δ (p73 ^Δ exon2) inhibits apoptosis and competes with p53. <i>Oncogene</i> , 2001, 20, 514-522.	2.6	117
44	Purification and Characterization of ATM from Human Placenta. <i>Journal of Biological Chemistry</i> , 2000, 275, 7803-7810.	1.6	116
45	Heteronuclear Ribonucleoproteins C1 and C2, Components of the Spliceosome, Are Specific Targets of Interleukin 1 β -converting Enzyme-like Proteases in Apoptosis. <i>Journal of Biological Chemistry</i> , 1996, 271, 29335-29341.	1.6	113
46	Expression analysis of β -catenin and prostate-specific membrane antigen: Their potential as diagnostic markers for prostate cancer. <i>International Journal of Cancer</i> , 2002, 100, 228-237.	2.3	111
47	ATM-Dependent Phosphorylation of All Three Members of the MRN Complex: From Sensor to Adaptor. <i>Biomolecules</i> , 2015, 5, 2877-2902.	1.8	111
48	Functional Link between BLM Defective in Bloom's Syndrome and the Ataxia-telangiectasia-mutated Protein, ATM. <i>Journal of Biological Chemistry</i> , 2002, 277, 30515-30523.	1.6	108
49	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, 8021-8026.	3.3	105
50	Ataxia Telangiectasia-mutated Gene Product Inhibits DNA Damage-induced Apoptosis via Ceramide Synthase. <i>Journal of Biological Chemistry</i> , 1999, 274, 17908-17917.	1.6	105
51	ATM protein kinase: the linchpin of cellular defenses to stress. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2977-3006.	2.4	100
52	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, 1737-1746.	1.3	93
53	Cyclohexazoline: A cytotoxic cyclic hexapeptide from the ascidian <i>lissoclinum bistratum</i> .. <i>Tetrahedron</i> , 1992, 48, 341-348.	1.0	91
54	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.	2.4	91

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55	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, 1199-1213.	0.9	89
56	Deficiency in the Catalytic Subunit of DNA-Dependent Protein Kinase Causes Down-Regulation of ATM. <i>Cancer Research</i> , 2005, 65, 1670-1677.	0.4	89
57	Rad21-Cohesin Haploinsufficiency Impedes DNA Repair and Enhances Gastrointestinal Radiosensitivity in Mice. <i>PLoS ONE</i> , 2010, 5, e12112.	1.1	87
58	Structure-activity relationships of the lissoclinamides: cytotoxic cyclic peptides from the ascidian <i>Lissoclinum patella</i> . <i>Journal of Medicinal Chemistry</i> , 1990, 33, 1634-1638.	2.9	86
59	Transferrin receptor expression by human bladder transitional cell carcinomas. <i>Urological Research</i> , 1987, 15, 341-4.	1.5	85
60	Chlamydial disease in koalas. <i>Australian Veterinary Journal</i> , 1987, 64, 346-350.	0.5	85
61	Relationship of the ataxia-telangiectasia protein ATM to phosphoinositide 3-kinase. <i>Trends in Biochemical Sciences</i> , 1995, 20, 382-383.	3.7	85
62	ATP Activates Ataxia-Telangiectasia Mutated (ATM) in Vitro. <i>Journal of Biological Chemistry</i> , 2003, 278, 9309-9317.	1.6	84
63	IGF-1 phosphorylates AMPK- β subunit in ATM-dependent and LKB1-independent manner. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 986-992.	1.0	83
64	The Diversity of Bioactive Proteins in Australian Snake Venoms. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 973-986.	2.5	82
65	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, 4102-4117.	1.4	82
66	Resistance of actin to cleavage during apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 157-162.	3.3	80
67	A Role for Homologous Recombination and Abnormal Cell-Cycle Progression in Radioresistance of Glioma-Initiating Cells. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1863-1872.	1.9	79
68	The Plant Isoflavonoid Genistein Activates p53 and Chk2 in an ATM-dependent Manner. <i>Journal of Biological Chemistry</i> , 2001, 276, 4828-4833.	1.6	78
69	Inhibition of apoptosis in human tumour cells by okadaic acid. <i>Journal of Cellular Physiology</i> , 1992, 153, 550-556.	2.0	77
70	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.	1.1	74
71	ATM Protein-dependent Phosphorylation of Rad50 Protein Regulates DNA Repair and Cell Cycle Control. <i>Journal of Biological Chemistry</i> , 2011, 286, 31542-31556.	1.6	74
72	Molecular Diversity in Venom from the Australian Brown Snake, <i>Pseudonaja textilis</i> . <i>Molecular and Cellular Proteomics</i> , 2006, 5, 379-389.	2.5	72

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73	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.	1.1	72
74	Immunohistological expression of p53 in primary pT1 transitional cell bladder cancer in relation to tumour progression. <i>British Journal of Urology</i> , 1994, 73, 526-532.	0.1	70
75	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, 385-393.	0.5	70
76	Repair of ionizing radiation induced DNA damage In human lymphocytes. <i>Nucleic Acids Research</i> , 1977, 4, 4015-4022.	6.5	68
77	Ataxia-telangiectasia: chronic activation of damage-responsive functions is reduced by $\hat{\pm}$ -lipoic acid. <i>Oncogene</i> , 2001, 20, 289-294.	2.6	68
78	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.	1.3	67
79	Design and Clinical Verification of Surface-Enhanced Raman Spectroscopy Diagnostic Technology for Individual Cancer Risk Prediction. <i>ACS Nano</i> , 2018, 12, 8362-8371.	7.3	66
80	A novel profluorescent nitroxide as a sensitive probe for the cellular redox environment. <i>Free Radical Biology and Medicine</i> , 2010, 49, 67-76.	1.3	65
81	Loss of <i>caspase-2</i> augments lymphomagenesis and enhances genomic instability in <i>Atm</i> -deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19920-19925.	3.3	65
82	Ataxia-telangiectasia: a multifaceted genetic disorder associated with defective signal transduction. <i>Current Opinion in Immunology</i> , 1996, 8, 459-464.	2.4	64
83	Cell death by apoptosis in acute leukaemia. <i>Journal of Pathology</i> , 1989, 158, 123-129.	2.1	63
84	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, 13939-13948.	1.6	63
85	Isolation of a cDNA clone, encoding a human $\hat{\pm}$ -galactoside binding protein, overexpressed during glucocorticoid-induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 1991, 178, 746-750.	1.0	62
86	Testing for mutations of the ataxia telangiectasia gene in radiosensitive breast cancer patients. <i>Radiotherapy and Oncology</i> , 1998, 47, 125-128.	0.3	62
87	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, 235-244.	1.3	62
88	Metabolomics: A Novel Approach to Early and Noninvasive Prostate Cancer Detection. <i>Korean Journal of Urology</i> , 2011, 52, 79.	1.2	62
89	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, 1032-1047.	2.5	62
90	The Mre11 complex and ATM: a two-way functional interaction in recognising and signaling DNA double strand breaks. <i>DNA Repair</i> , 2004, 3, 1515-1520.	1.3	61

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91	Increased sensitivity to ionizing radiation by targeting the homologous recombination pathway in glioma initiating cells. <i>Molecular Oncology</i> , 2014, 8, 1603-1615.	2.1	61
92	Role of protein kinase activity in apoptosis. <i>Experientia</i> , 1996, 52, 979-994.	1.2	60
93	Comparative Analysis of Prothrombin Activators from the Venom of Australian Elapids. <i>Molecular Biology and Evolution</i> , 2005, 22, 1853-1864.	3.5	60
94	Live Cell Imaging of Heavy-Ion-Induced Radiation Responses by Beamline Microscopy. <i>Radiation Research</i> , 2005, 163, 681-690.	0.7	60
95	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, 619-626.	4.2	59
96	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.	2.9	59
97	Induced Pluripotent Stem Cells from Ataxia-Telangiectasia Recapitulate the Cellular Phenotype. <i>Stem Cells Translational Medicine</i> , 2012, 1, 523-535.	1.6	59
98	A rat model of ataxia-telangiectasia: evidence for a neurodegenerative phenotype. <i>Human Molecular Genetics</i> , 2017, 26, dww371.	1.4	59
99	DNA-binding protein activated by gamma radiation in human cells.. <i>Molecular and Cellular Biology</i> , 1990, 10, 5279-5285.	1.1	57
100	Butyrate Induced Apoptosis in Lymphoid Cells Preceded by Transient Over-expression of HSP70 mRNA. <i>Biochemical and Biophysical Research Communications</i> , 1994, 198, 257-265.	1.0	57
101	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, 752-762.	1.2	56
102	The effects of ionizing radiation on cell cycle progression in ataxia telangiectasia. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1984, 125, 115-122.	0.4	55
103	Functional consequences of sequence alterations in the ATM gene. <i>DNA Repair</i> , 2004, 3, 1197-1205.	1.3	55
104	Calyculin A, a Potent Inhibitor of Phosphatase-1 and -2A, Prevents Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1993, 190, 47-55.	1.0	54
105	A subgroup of spinocerebellar ataxias defective in DNA damage responses. <i>Neuroscience</i> , 2007, 145, 1418-1425.	1.1	54
106	Tyrosine 370 phosphorylation of ATM positively regulates DNA damage response. <i>Cell Research</i> , 2015, 25, 225-236.	5.7	54
107	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, 8352-8367.	6.5	54
108	CK2 phosphorylation-dependent interaction between aprataxin and MDC1 in the DNA damage response. <i>Nucleic Acids Research</i> , 2010, 38, 1489-1503.	6.5	53

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109	The appropriateness of the mouse model for ataxia-telangiectasia: Neurological defects but no neurodegeneration. <i>DNA Repair</i> , 2013, 12, 612-619.	1.3	53
110	ASPECTS OF THE EPIDEMIOLOGY OF CHLAMYDIA PSITTACI INFECTION IN A POPULATION OF KOALAS (PHASCOLARCTOS CINEREUS) IN SOUTHEASTERN QUEENSLAND, AUSTRALIA. <i>Journal of Wildlife Diseases</i> , 1988, 24, 282-291.	0.3	52
111	Protein kinase A inhibitors enhance radiation-induced apoptosis. <i>Journal of Cellular Biochemistry</i> , 1995, 57, 12-21.	1.2	52
112	Identification and analysis of venom gland-specific genes from the coastal taipan (<i>Oxyuranus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.4	52
113	T cell-T cell killing is induced by specific epitopes: evidence for an apoptotic mechanism.. <i>Journal of Experimental Medicine</i> , 1991, 173, 681-686.	4.2	51
114	Radiosensitivity and oxidative signalling in ataxia telangiectasia: an update. <i>Radiotherapy and Oncology</i> , 1998, 47, 113-123.	0.3	50
115	Down-regulation of ATM Protein Sensitizes Human Prostate Cancer Cells to Radiation-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 23262-23272.	1.6	50
116	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.	3.3	50
117	Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. <i>Nature Immunology</i> , 2015, 16, 485-494.	7.0	50
118	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.	1.1	50
119	Ferreascidin: A highly aromatic protein containing 3,4-dihydroxyphenylalanine from the blood cells of a stolidobranch ascidian. <i>Biochemistry</i> , 1987, 26, 8078-8082.	1.2	49
120	Damage-resistant DNA synthesis in Eukaryotes. <i>Mutation Research - DNA Repair Reports</i> , 1988, 193, 193-206.	1.9	49
121	Epidermal Growth Factor Sensitizes Cells to Ionizing Radiation by Down-regulating Protein Mutated in Ataxia-Telangiectasia. <i>Journal of Biological Chemistry</i> , 2001, 276, 8884-8891.	1.6	49
122	Whole-genome sequence of the bovine blood fluke <i>Schistosoma bovis</i> supports interspecific hybridization with <i>S. haematobium</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007513.	2.1	49
123	Immunohistochemical Analysis of the Human Bladder. <i>British Journal of Urology</i> , 1986, 58, 19-25.	0.1	48
124	Vaccine-induced cytotoxic T lymphocytes protect against retroviral challenge. <i>Nature Medicine</i> , 1998, 4, 1193-1196.	15.2	47
125	Textilininâ€1, an alternative antiâ€bleeding agent to aprotinin: Importance of plasmin inhibition in controlling blood loss. <i>British Journal of Haematology</i> , 2009, 145, 207-211.	1.2	47
126	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, 30-37.	1.0	46

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127	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, 3163-3175.	2.2	46
128	Bovine leukaemia proviral DNA detection in cattle using the polymerase chain reaction. <i>Veterinary Microbiology</i> , 1990, 25, 117-129.	0.8	44
129	ATM Is Upregulated During the Mitogenic Response in Peripheral Blood Mononuclear Cells. <i>Blood</i> , 1999, 94, 1998-2006.	0.6	44
130	Low dose ionizing radiation-induced activation of connexin 43 expression. <i>International Journal of Radiation Biology</i> , 2003, 79, 955-964.	1.0	44
131	A Novel Role for hSMG-1 in Stress Granule Formation. <i>Molecular and Cellular Biology</i> , 2011, 31, 4417-4429.	1.1	44
132	Mutation of senataxin alters disease-specific transcriptional networks in patients with ataxia with oculomotor apraxia type 2. <i>Human Molecular Genetics</i> , 2014, 23, 4758-4769.	1.4	43
133	Ionizing Radiation and Cell Cycle Progression in Ataxia Telangiectasia. <i>Radiation Research</i> , 1994, 138, S130.	0.7	41
134	Gene expression during early ascidian metamorphosis requires signalling by Hemps, an EGF-like protein. <i>Development (Cambridge)</i> , 2004, 131, 2921-2933.	1.2	41
135	Drug development from Australian elapid snake venoms and the Venomics pipeline of candidates for haemostasis: Textilinin-1 (Q8008), Haempatchin (Q8009) and CoVasein (V0801). <i>Toxicon</i> , 2012, 59, 456-463.	0.8	41
136	Nucleolar localization of aprataxin is dependent on interaction with nucleolin and on active ribosomal DNA transcription. <i>Human Molecular Genetics</i> , 2006, 15, 2239-2249.	1.4	40
137	Common evolution of waprin and kunitz-like toxin families in Australian venomous snakes. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 4039-4054.	2.4	40
138	A novel rat model for glioblastoma multiforme using a bioluminescent F98 cell line. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 545-551.	0.8	40
139	Venom factor V from the common brown snake escapes hemostatic regulation through procoagulant adaptations. <i>Blood</i> , 2009, 114, 686-692.	0.6	40
140	ATAXIA-TELANGIECTASIA. <i>Immunology and Allergy Clinics of North America</i> , 2000, 20, 177-206.	0.7	39
141	Post-translational modification accounts for the presence of varied forms of nerve growth factor in Australian elapid snake venoms. <i>Proteomics</i> , 2006, 6, 6554-6565.	1.3	39
142	DNA damage-induced signalling in ataxia-telangiectasia and related syndromes. <i>Radiotherapy and Oncology</i> , 2007, 83, 231-237.	0.3	39
143	Markers for Detection of Prostate Cancer. <i>Cancers</i> , 2010, 2, 1125-1154.	1.7	39
144	Identification of a Potentially Radiosensitive Subgroup Among Patients With Breast Cancer. <i>Journal of the National Cancer Institute</i> , 1994, 86, 1627-1634.	3.0	38

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145	Defective Signaling through the B Cell Antigen Receptor in Epstein-Barr Virus-transformed Ataxia-Telangiectasia Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 9489-9495.	1.6	38
146	Chk1 complements the G2/M checkpoint defect and radiosensitivity of ataxia-telangiectasia cells. <i>Oncogene</i> , 1999, 18, 249-256.	2.6	38
147	Cloning and characterisation of natriuretic peptides from the venom glands of Australian elapids. <i>Biochimie</i> , 2006, 88, 1923-1931.	1.3	38
148	Isolation of 3,4-dihydroxyphenylalanine-containing proteins using boronate affinity chromatography. <i>Analytical Biochemistry</i> , 1986, 159, 187-190.	1.1	37
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