

Martin F Lavin

List of Publications by Year in Descending Order

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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	The Hallmarks of Aging in Ataxia-Telangiectasia. <i>Ageing Research Reviews</i> , 2022 , 101653	12	0
380	The spectrum of ATM gene mutations in Iranian patients with ataxia-telangiectasia. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1316-1326	4.2	5
379	Understanding the mechanisms of silica nanoparticles for nanomedicine. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1658	9.2	17
378	Regulation of RNA degradation pathways during the lipopolysaccharide response in Macrophages. <i>Journal of Leukocyte Biology</i> , 2021 , 109, 593-603	6.5	0
377	Combined immunodeficiencies with associated or syndromic features 2021 , 41-91		
376	Emodin attenuates silica-induced lung injury by inhibition of inflammation, apoptosis and epithelial-mesenchymal transition. <i>International Immunopharmacology</i> , 2021 , 91, 107277	5.8	13
375	Ataxia Telangiectasia iPSC line generated from a patient olfactory biopsy identifies novel disease-causing mutations. <i>Stem Cell Research</i> , 2021 , 56, 102528	1.6	1
374	Impaired endoplasmic reticulum-mitochondrial signaling in ataxia-telangiectasia. <i>IScience</i> , 2021 , 24, 101972	1.7	5
373	DNA damage rather than type I IFN signaling is the primary mediator of neural dysfunction in Aicardi-Goutières syndrome after RNASEH2 disruption.. <i>Neuron</i> , 2021 , 109, 3897-3900	13.9	0
372	Simultaneous targeting of DNA replication and homologous recombination in glioblastoma with a polyether ionophore. <i>Neuro-Oncology</i> , 2020 , 22, 216-228	1	3
371	Clinical potential of ATM inhibitors. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2020 , 821, 111695	3.3	14
370	Correction of ATM mutations in iPS cells from two ataxia-telangiectasia patients restores DNA damage and oxidative stress responses. <i>Human Molecular Genetics</i> , 2020 , 29, 990-1001	5.6	6
369	Oocytes mount a noncanonical DNA damage response involving APC-Cdh1-mediated proteolysis. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	12
368	RAD50 regulates mitotic progression independent of DNA repair functions. <i>FASEB Journal</i> , 2020 , 34, 2812-2820	0.9	5
367	Cutaneous Granulomatosis and Class Switching Defect as a Presenting Sign in Ataxia-Telangiectasia: First Case from the National Iranian Registry and Review of the Literature. <i>Immunological Investigations</i> , 2020 , 49, 597-610	2.9	9
366	Progress Curve Analysis of the one stage chromogenic assay for ecarin. <i>Analytical Biochemistry</i> , 2020 , 608, 113907	3.1	0
365	Ataxia-telangiectasia: epidemiology, pathogenesis, clinical phenotype, diagnosis, prognosis and management. <i>Expert Review of Clinical Immunology</i> , 2020 , 16, 859-871	5.1	12

364	Epimedium Polysaccharide Ameliorates Benzene-Induced Aplastic Anemia in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020 , 2020, 5637507	2.3	0
363	Mechanism of cell death induced by silica nanoparticles in hepatocyte cells is by apoptosis. <i>International Journal of Molecular Medicine</i> , 2019 , 44, 903-912	4.4	18
362	Thymic stromal lymphopoietin (TSLP) and Toluene-diisocyanate-induced airway inflammation: Alleviation by TSLP neutralizing antibody. <i>Toxicology Letters</i> , 2019 , 317, 59-67	4.4	5
361	A Roberts Syndrome Individual With Differential Genotoxin Sensitivity and a DNA Damage Response Defect. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 103, 1194-1202	4	4
360	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	7.6	27
359	Efficacy of bone marrow mesenchymal stem cell transplantation in animal models of pulmonary fibrosis after exposure to bleomycin: A meta-analysis. <i>Experimental and Therapeutic Medicine</i> , 2019 , 17, 2247-2255	2.1	8
358	Increased susceptibility of airway epithelial cells from ataxia-telangiectasia to <i>S. pneumoniae</i> infection due to oxidative damage and impaired innate immunity. <i>Scientific Reports</i> , 2019 , 9, 2627	4.9	14
357	Disruption of Spermatogenesis and Infertility in Ataxia with Oculomotor Apraxia Type 2 (AOA2). <i>Cerebellum</i> , 2019 , 18, 448-456	4.3	10
356	SMG1 heterozygosity exacerbates haematopoietic cancer development in <i>Atm</i> null mice by increasing persistent DNA damage and oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 8151-8160	5.6	4
355	Rapid serum tube technology overcomes problems associated with use of anticoagulants. <i>Biochemia Medica</i> , 2019 , 29, 030706	2.5	2
354	Next-generation rapid serum tube technology using prothrombin activator coagulant: fast, high-quality serum from normal samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 483-497	5.9	4
353	Silica nanoparticles induce cardiomyocyte apoptosis via the mitochondrial pathway in rats following intratracheal instillation. <i>International Journal of Molecular Medicine</i> , 2019 , 43, 1229-1240	4.4	17
352	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
351	ATM inhibition prevents interleukin-6 from contributing to the proliferation of glioblastoma cells after ionizing radiation. <i>Journal of Neuro-Oncology</i> , 2018 , 138, 509-518	4.8	4
350	PIKKing a way to regulate inflammation. <i>Immunology and Cell Biology</i> , 2018 , 96, 8-20	5	9
349	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
348	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
347	Relationship between occupational noise exposure and the risk factors of cardiovascular disease in China: A meta-analysis. <i>Medicine (United States)</i> , 2018 , 97, e11720	1.8	18

346	Bone marrow mesenchymal stromal cells attenuate silica-induced pulmonary fibrosis potentially by attenuating Wnt/ β catenin signaling in rats. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 311	8.3	23
345	Loss of ATM in Airway Epithelial Cells Is Associated with Susceptibility to Oxidative Stress. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 391-393	10.2	15
344	Assaying for Radioresistant DNA Synthesis, the Hallmark Feature of the Intra-S-Phase Checkpoint Using a DNA Fiber Technique. <i>Methods in Molecular Biology</i> , 2017 , 1599, 13-23	1.4	1
343	A Patient-Specific Stem Cell Model to Investigate the Neurological Phenotype Observed in Ataxia-Telangiectasia. <i>Methods in Molecular Biology</i> , 2017 , 1599, 391-400	1.4	2
342	Lentiviral Reprogramming of A-T Patient Fibroblasts to Induced Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2017 , 1599, 401-418	1.4	2
341	Rats with a missense mutation in <i>Atm</i> display neuroinflammation and neurodegeneration subsequent to accumulation of cytosolic DNA following unrepaired DNA damage. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 927-947	6.5	23
340	Seminal plasma enables selection and monitoring of active surveillance candidates using nuclear magnetic resonance-based metabolomics: A preliminary investigation. <i>Prostate International</i> , 2017 , 5, 149-157	3.4	13
339	Human iPSC-Derived Cerebellar Neurons from a Patient with Ataxia-Telangiectasia Reveal Disrupted Gene Regulatory Networks. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 321	6.1	13
338	Identification of ATM Protein Kinase Phosphorylation Sites by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017 , 1599, 127-144	1.4	3
337	A rat model of ataxia-telangiectasia: evidence for a neurodegenerative phenotype. <i>Human Molecular Genetics</i> , 2017 , 26, 109-123	5.6	47
336	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	4.0	378
335	Therapeutic targets and investigated treatments for Ataxia-Telangiectasia. <i>Expert Opinion on Orphan Drugs</i> , 2016 , 4, 1263-1276	1.1	4
334	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
333	Characterization and structural analysis of a potent anticoagulant phospholipase A2 from <i>Pseudechis australis</i> snake venom. <i>Toxicon</i> , 2016 , 111, 37-49	2.8	8
332	AarF Domain Containing Kinase 3 (ADCK3) Mutant Cells Display Signs of Oxidative Stress, Defects in Mitochondrial Homeostasis and Lysosomal Accumulation. <i>PLoS ONE</i> , 2016 , 11, e0148213	3.7	10
331	Can atorvastatin with metformin change the natural history of prostate cancer as characterized by molecular, metabolomic, imaging and pathological variables? A randomized controlled trial protocol. <i>Contemporary Clinical Trials</i> , 2016 , 50, 16-20	2.3	4
330	Prostate-based biofluids for the detection of prostate cancer: A comparative study of the diagnostic performance of cell-sourced RNA biomarkers. <i>Prostate International</i> , 2016 , 4, 97-102	3.4	9
329	Tartrate inhibition of prostatic acid phosphatase improves seminal fluid metabolite stability. <i>Metabolomics</i> , 2016 , 12, 1	4.7	3

328	A new model to study neurodegeneration in ataxia oculomotor apraxia type 2. <i>Human Molecular Genetics</i> , 2015 , 24, 5759-74	5.6	19
327	Identification and diagnostic performance of a small RNA within the PCA3 and BMCC1 gene locus that potentially targets mRNA. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 268-75	4	5
326	Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. <i>Nature Immunology</i> , 2015 , 16, 485-94	19.1	31
325	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
324	βAdducin siRNA disruption of the spectrin-based cytoskeleton in differentiating keratinocytes prevented by calcium acting through calmodulin/epidermal growth factor receptor/cadherin pathway. <i>Cellular Signalling</i> , 2015 , 27, 15-25	4.9	11
323	Senataxin controls meiotic silencing through ATR activation and chromatin remodeling. <i>Cell Discovery</i> , 2015 , 1, 15025	22.3	15
322	Motor pathway degeneration in young ataxia telangiectasia patients: A diffusion tractography study. <i>NeuroImage: Clinical</i> , 2015 , 9, 206-15	5.3	13
321	Nutritional status of patients with ataxia-telangiectasia: A case for early and ongoing nutrition support and intervention. <i>Journal of Paediatrics and Child Health</i> , 2015 , 51, 802-7	1.3	19
320	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
319	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
318	Tyrosine 370 phosphorylation of ATM positively regulates DNA damage response. <i>Cell Research</i> , 2015 , 25, 225-36	24.7	31
317	RAD50 phosphorylation promotes ATR downstream signaling and DNA restart following replication stress. <i>Human Molecular Genetics</i> , 2014 , 23, 4232-48	5.6	20
316	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
315	Mutation of senataxin alters disease-specific transcriptional networks in patients with ataxia with oculomotor apraxia type 2. <i>Human Molecular Genetics</i> , 2014 , 23, 4758-69	5.6	31
314	A progress report on a prospective randomised trial of open and robotic prostatectomy. <i>European Urology</i> , 2014 , 65, 512-5	10.2	12
313	Human seminal fluid as a source of prostate cancer-specific microRNA biomarkers. <i>Endocrine-Related Cancer</i> , 2014 , 21, L17-21	5.7	29
312	Radiological imaging in ataxia telangiectasia: a review. <i>Cerebellum</i> , 2014 , 13, 521-30	4.3	40
311	Altered corticomotor-cerebellar integrity in young ataxia telangiectasia patients. <i>Movement Disorders</i> , 2014 , 29, 1289-98	7	9

310	Protective role of RAD50 on chromatin bridges during abnormal cytokinesis. <i>FASEB Journal</i> , 2014 , 28, 1331-41	0.9	6
309	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
308	PCA3 2014 , 3450-3454		
307	Generating SM(a)RTER compounds for translation termination suppression in A-T and other genetic disorders. <i>Molecular Therapy</i> , 2013 , 21, 1650-2	11.7	
306	Calcium prevents retinoic acid-induced disruption of the spectrin-based cytoskeleton in keratinocytes through the Src/PI3K-p85/AKT/PKC/ β -adducin pathways. <i>Cell Calcium</i> , 2013 , 54, 151-62	4	4
305	Mitochondrial dysfunction in a novel form of autosomal recessive ataxia. <i>Mitochondrion</i> , 2013 , 13, 235-45	4.9	4
304	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
303	Genotoxicity of hydroquinone in A549 cells. <i>Cell Biology and Toxicology</i> , 2013 , 29, 213-27	7.4	23
302	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
301	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
300	A patient-derived olfactory stem cell disease model for ataxia-telangiectasia. <i>Human Molecular Genetics</i> , 2013 , 22, 2495-509	5.6	25
299	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
298	Senataxin protects the genome: Implications for neurodegeneration and other abnormalities. <i>Rare Diseases (Austin, Tex)</i> , 2013 , 1, e25230		18
297	The structure of human microplasmin in complex with textilinin-1, an aprotinin-like inhibitor from the Australian brown snake. <i>PLoS ONE</i> , 2013 , 8, e54104	3.7	17
296	BMCC1 is an AP-2 associated endosomal protein in prostate cancer cells. <i>PLoS ONE</i> , 2013 , 8, e73880	3.7	10
295	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
294	Identification and characterisation of Kunitz-type plasma kallikrein inhibitors unique to <i>Oxyuranus</i> sp. snake venoms. <i>Biochimie</i> , 2012 , 94, 365-73	4.6	29
293	A randomised trial of robotic and open prostatectomy in men with localised prostate cancer. <i>BMC Cancer</i> , 2012 , 12, 189	4.8	18

292	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
291	Induced pluripotent stem cells from ataxia-telangiectasia recapitulate the cellular phenotype. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 523-35	6.9	54
290	Evidence of aberrant DNA damage response signalling but normal rates of DNA repair in dividing lymphoblasts from patients with schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2012 , 13, 114-25	3.8	18
289	Approaches to sensitizing glioblastoma to radiotherapy: use of lentiviral vectors. <i>International Journal of Oncology</i> , 2012 , 40, 1963-9	4.4	4
288	Characterisation of a mannose-binding C-type lectin from <i>Oxyuranus scutellatus</i> snake venom. <i>Biochimie</i> , 2011 , 93, 519-27	4.6	11
287	Cloning and characterisation of novel cystatins from elapid snake venom glands. <i>Biochimie</i> , 2011 , 93, 659-68	4.6	16
286	Metabolomics: a novel approach to early and noninvasive prostate cancer detection. <i>Korean Journal of Urology</i> , 2011 , 52, 79-89		50
285	Disruption of spectrin-like cytoskeleton in differentiating keratinocytes by PKC β activation is associated with phosphorylated adducin. <i>PLoS ONE</i> , 2011 , 6, e28267	3.7	12
284	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
283	ATM protein kinase: the linchpin of cellular defenses to stress. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2977-3006	10.3	91
282	A novel role for hSMG-1 in stress granule formation. <i>Molecular and Cellular Biology</i> , 2011 , 31, 4417-29	4.8	34
281	Autophosphorylation and ATM activation: additional sites add to the complexity. <i>Journal of Biological Chemistry</i> , 2011 , 286, 9107-19	5.4	130
280	ATM Mediated Signaling Defends the Integrity of the Genome 2010 , 2171-2183		
279	Markers for detection of prostate cancer. <i>Cancers</i> , 2010 , 2, 1125-54	6.6	30
278	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
277	Evaluation of the Becton-Dickinson rapid serum tube: does it provide a suitable alternative to lithium heparin plasma tubes?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 651-7	5.9	32
276	Dual functions of ASCIZ in the DNA base damage response and pulmonary organogenesis. <i>PLoS Genetics</i> , 2010 , 6, e1001170	6	29
275	The ZFX3 (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

274	ATM activation by oxidative stress. <i>Science</i> , 2010 , 330, 517-21	33.3	797
273	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
272	Low levels of ATM in breast cancer patients with clinical radiosensitivity. <i>Genome Integrity</i> , 2010 , 1, 9	0.8	23
271	Rad21-cohesin haploinsufficiency impedes DNA repair and enhances gastrointestinal radiosensitivity in mice. <i>PLoS ONE</i> , 2010 , 5, e12112	3.7	76
270	Prothrombinase complexes with different physiological roles. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 421-3	7	7
269	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
268	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
267	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
266	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
265	Differential expression of PCA3 and BMCC1 in prostate cancer. <i>Prostate</i> , 2009 , 69, 1713-4; author reply 1715	4.2	3
264	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
263	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
262	Human RAD50 deficiency in a Nijmegen breakage syndrome-like disorder. <i>American Journal of Human Genetics</i> , 2009 , 84, 605-16	11	175
261	Cellular radiosensitivity: how much better do we understand it?. <i>International Journal of Radiation Biology</i> , 2009 , 85, 1061-81	2.9	131
260	Radioreistant malignant myoepithelioma of the breast with high level of ataxia telangiectasia mutated protein. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2009 , 53, 234-9	1.7	10
259	Venom factor V from the common brown snake escapes hemostatic regulation through procoagulant adaptations. <i>Blood</i> , 2009 , 114, 686-92	2.2	35
258	Response: Response to Clinical relevance of brown snake (<i>Pseudonaja</i> spp) factor V escaping hemostatic regulation. <i>Blood</i> , 2009 , 114, 2563-2564	2.2	1
257	Snake Venom Nerve Growth Factors 2009 , 377-391		1

256	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
255	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
254	Defective responses to DNA single- and double-strand breaks in spinocerebellar ataxia. <i>DNA Repair</i> , 2008 , 7, 1061-76	4.3	15
253	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
252	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
251	Diversity of toxic components from the venom of the evolutionarily distinct black whip snake, <i>Demansia vestigiata</i> . <i>Journal of Proteome Research</i> , 2007 , 6, 3093-107	5.6	29
250	Current and potential therapeutic strategies for the treatment of ataxia-telangiectasia. <i>British Medical Bulletin</i> , 2007 , 81-82, 129-47	5.4	106
249	ATM and the Mre11 complex combine to recognize and signal DNA double-strand breaks. <i>Oncogene</i> , 2007 , 26, 7749-58	9.2	227
248	A novel form of ataxia oculomotor apraxia characterized by oxidative stress and apoptosis resistance. <i>Cell Death and Differentiation</i> , 2007 , 14, 1149-61	12.7	13
247	Distinct activities of novel neurotoxins from Australian venomous snakes for nicotinic acetylcholine receptors. <i>Cellular and Molecular Life Sciences</i> , 2007 , 64, 2829-40	10.3	18
246	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
245	The diversity of bioactive proteins in Australian snake venoms. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 973-86	7.6	68
244	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
243	ATM activation and DNA damage response. <i>Cell Cycle</i> , 2007 , 6, 931-42	4.7	328
242	A subgroup of spinocerebellar ataxias defective in DNA damage responses. <i>Neuroscience</i> , 2007 , 145, 1418-25	3.9	48
241	DNA damage-induced signalling in ataxia-telangiectasia and related syndromes. <i>Radiotherapy and Oncology</i> , 2007 , 83, 231-7	5.3	33
240	Venom-Derived Factor V from the Common Brown Snake <i>P. Textilis</i> Is Expressed as a Constitutively Active Cofactor.. <i>Blood</i> , 2007 , 110, 1765-1765	2.2	
239	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

238	Regulation of the Atm promoter in vivo. <i>Genes Chromosomes and Cancer</i> , 2006 , 45, 61-71	5	14
237	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
236	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
235	Defective p53 response and apoptosis associated with an ataxia-telangiectasia-like phenotype. <i>Cancer Research</i> , 2006 , 66, 2907-12	10.1	11
234	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
233	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
232	Cloning and characterisation of natriuretic peptides from the venom glands of Australian elapids. <i>Biochimie</i> , 2006 , 88, 1923-31	4.6	34
231	Resistance of porcine blood clots to lysis relates to poor activation of porcine plasminogen by tissue plasminogen activator. <i>Blood Coagulation and Fibrinolysis</i> , 2006 , 17, 417-20	1	18
230	Crystallization and preliminary X-ray analysis of a Kunitz-type inhibitor, textilinin-1 from <i>Pseudonaja textilis textilis</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006 , 62, 642-5		4
229	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
228	The complexity of p53 stabilization and activation. <i>Cell Death and Differentiation</i> , 2006 , 13, 941-50	12.7	522
227	Involvement of novel autophosphorylation sites in ATM activation. <i>EMBO Journal</i> , 2006 , 25, 3504-14	13	225
226	Live cell imaging of heavy-ion-induced radiation responses by beamline microscopy. <i>Radiation Research</i> , 2005 , 163, 681-90	3.1	55
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