

# David W Andrews

## 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.

145  
papers

11,636  
citations

45  
h-index

107  
g-index

156  
ext. papers

13,822  
ext. citations

9.4  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
145	Factors associated with progression and mortality among patients undergoing stereotactic radiosurgery for intracranial metastasis: results from a national real-world registry.. <i>Journal of Neurosurgery</i> , <b>2022</b> , 1-14	3.2	0
144	The case for brakes: Why restrain the size of Bax and Bak pores in outer mitochondrial membranes?. <i>Molecular Cell</i> , <b>2022</b> , 82, 882-883	17.6	0
143	Efficacy and specificity of inhibitors of BCL-2 Family protein interactions assessed by affinity measurements in live cells.. <i>Science Advances</i> , <b>2022</b> , 8, eabm7375	14.3	0
142	Chemical Genetics Screen Identifies COPB2 Tool Compounds That Alters ER Stress Response and Induces RTK Dysregulation in Lung Cancer Cells. <i>Journal of Molecular Biology</i> , <b>2021</b> , 433, 167294	6.5	2
141	Systemic Immune Bias Delineates Malignant Astrocytoma Survival Cohorts. <i>Journal of Immunology</i> , <b>2021</b> , 206, 1483-1492	5.3	
140	Pharmacological Targeting of Executioner Proteins: Controlling Life and Death. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 5276-5290	8.3	6
139	An amphipathic Bax core dimer forms part of the apoptotic pore wall in the mitochondrial membrane. <i>EMBO Journal</i> , <b>2021</b> , 40, e106438	13	8
138	MYC protein interactors in gene transcription and cancer. <i>Nature Reviews Cancer</i> , <b>2021</b> , 21, 579-591	31.3	17
137	Highly Multiplexed Confocal Fluorescence Lifetime Microscope Designed for Screening Applications. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 27, 1-9	3.8	8
136	The mevalonate pathway is an actionable vulnerability of t(4;14)-positive multiple myeloma. <i>Leukemia</i> , <b>2021</b> , 35, 796-808	10.7	6
135	Neuronal cell life, death, and axonal degeneration as regulated by the BCL-2 family proteins. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 108-122	12.7	11
134	Resected WHO grade I meningioma and predictors of local control. <i>Journal of Neuro-Oncology</i> , <b>2021</b> , 152, 145-151	4.8	3
133	Phase Ib Clinical Trial of IGV-001 for Patients with Newly Diagnosed Glioblastoma. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 1912-1922	12.9	6
132	Rapid 3D phenotypic analysis of neurons and organoids using data-driven cell segmentation-free machine learning. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1008630	5	4
131	Machine Learning Using Multiparametric Magnetic Resonance Imaging Radiomic Feature Analysis to Predict Ki-67 in World Health Organization Grade I Meningiomas. <i>Neurosurgery</i> , <b>2021</b> , 89, 928-936	3.2	1
130	Initial experience with scalp sparing radiation with concurrent temozolomide and tumor treatment fields (SPARE) for patients with newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , <b>2020</b> , 147, 653-661	4.8	10
129	A pilot window-of-opportunity study of preoperative fluvastatin in localized prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , <b>2020</b> , 23, 630-637	6.2	17

128	Allosteric Regulation of BH3 Proteins in Bcl-x Complexes Enables Switch-like Activation of Bax. <i>Molecular Cell</i> , <b>2020</b> , 77, 901-912.e9	17.6	17
127	The carboxyl-terminal sequence of bim enables bax activation and killing of unprimed cells. <i>ELife</i> , <b>2020</b> , 9,	8.9	15
126	Multiplexed confocal microscope with a refraction window scanner and a single-photon avalanche photodiode array detector. <i>Optics Letters</i> , <b>2020</b> , 45, 69	3	1
125	A reference library for assigning protein subcellular localizations by image-based machine learning. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	5
124	Image-Based Analysis of Protein Stability. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2020</b> , 97, 363-377	4.6	0
123	BDA-366, a putative Bcl-2 BH4 domain antagonist, induces apoptosis independently of Bcl-2 in a variety of cancer cell models. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 769	9.8	10
122	Genome-wide analysis of Homo sapiens, Arabidopsis thaliana, and Saccharomyces cerevisiae reveals novel attributes of tail-anchored membrane proteins. <i>BMC Genomics</i> , <b>2019</b> , 20, 835	4.5	1
121	Cross-talk reduction in a multiplexed synchroscan streak camera with simultaneous calibration. <i>Optics Express</i> , <b>2019</b> , 27, 22602-22614	3.3	4
120	Bim escapes displacement by BH3-mimetic anti-cancer drugs by double-bolt locking both Bcl-XL and Bcl-2. <i>ELife</i> , <b>2019</b> , 8,	8.9	28
119	Improving drug discovery using image-based multiparametric analysis of the epigenetic landscape. <i>ELife</i> , <b>2019</b> , 8,	8.9	7
118	Measuring Small-molecule Inhibition of Protein Interactions in Live Cells Using FLIM-FRET. <i>Bio-protocol</i> , <b>2019</b> , 9, e3401	0.9	
117	Rapid Imaging of BCL-2 Family Interactions in Live Cells Using FLIM-FRET. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1877, 305-335	1.4	5
116	An RK/ST C-Terminal Motif is Required for Targeting of OEP7.2 and a Subset of Other Arabidopsis Tail-Anchored Proteins to the Plastid Outer Envelope Membrane. <i>Plant and Cell Physiology</i> , <b>2019</b> , 60, 516-537	4.9	7
115	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 486-541	12.7	2160
114	Salvage fractionated stereotactic re-irradiation (FSRT) for patients with recurrent high grade gliomas progressed after bevacizumab treatment. <i>Journal of Neuro-Oncology</i> , <b>2018</b> , 137, 171-177	4.8	9
113	Spheno-Orbital Meningiomas: An Analysis Based on World Health Organization Classification and Ki-67 Proliferative Index. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , <b>2018</b> , 34, 143-150	1.4	8
112	Phosphorylation switches Bax from promoting to inhibiting apoptosis thereby increasing drug resistance. <i>EMBO Reports</i> , <b>2018</b> , 19,	6.5	27
111	Improved IRE1 and PERK Pathway Sensors for Multiplex Endoplasmic Reticulum Stress Assay Reveal Stress Response to Nuclear Dyes Used for Image Segmentation. <i>Assay and Drug Development Technologies</i> , <b>2018</b> , 16, 350-360	2.1	8

110	BCL-2 family proteins: changing partners in the dance towards death. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 65-80	12.7	574
109	Peak emission wavelength and fluorescence lifetime are coupled in far-red, GFP-like fluorescent proteins. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208075	3.7	9
108	Unleashing Blocked Apoptosis in Cancer Cells: New MCL1 Inhibitors Find Their Groove. <i>Cancer Discovery</i> , <b>2018</b> , 8, 1511-1514	24.4	3
107	Bevacizumab and re-irradiation for recurrent high grade gliomas: does sequence matter?. <i>Journal of Neuro-Oncology</i> , <b>2018</b> , 140, 623-628	4.8	16
106	miRNA-106a and prostate cancer radioresistance: a novel role for LITAF in ATM regulation. <i>Molecular Oncology</i> , <b>2018</b> , 12, 1324-1341	7.9	29
105	A Small-Molecule Inhibitor of Bax and Bak Oligomerization Prevents Genotoxic Cell Death and Promotes Neuroprotection. <i>Cell Chemical Biology</i> , <b>2017</b> , 24, 493-506.e5	8.2	46
104	Serum exosomes and cytokines promote a T-helper cell type 2 environment in the peripheral blood of glioblastoma patients. <i>Neuro-Oncology</i> , <b>2016</b> , 18, 206-15	1	53
103	TCTP contains a BH3-like domain, which instead of inhibiting, activates Bcl-xL. <i>Scientific Reports</i> , <b>2016</b> , 6, 19725	4.9	29
102	BH3-in-groove dimerization initiates and helix 9 dimerization expands Bax pore assembly in membranes. <i>EMBO Journal</i> , <b>2016</b> , 35, 208-36	13	69
101	Lipid Droplet-Associated Proteins (LDAPs) Are Required for the Dynamic Regulation of Neutral Lipid Compartmentation in Plant Cells. <i>Plant Physiology</i> , <b>2016</b> , 170, 2052-71	6.6	87
100	Plan Quality and Treatment Efficiency for Radiosurgery to Multiple Brain Metastases: Non-Coplanar RapidArc vs. Gamma Knife. <i>Frontiers in Oncology</i> , <b>2016</b> , 6, 26	5.3	45
99	Using Förster-Resonance Energy Transfer to Measure Protein Interactions Between Bcl-2 Family Proteins on Mitochondrial Membranes. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1419, 197-212	1.4	8
98	High-content screening identifies kinase inhibitors that overcome venetoclax resistance in activated CLL cells. <i>Blood</i> , <b>2016</b> , 128, 934-47	2.2	77
97	Enhancement of glioma-specific immunity in mice by "NOBEL", an insulin-like growth factor 1 receptor antisense oligodeoxynucleotide. <i>Cancer Immunology, Immunotherapy</i> , <b>2015</b> , 64, 447-57	7.4	9
96	Distinct lipid effects on tBid and Bim activation of membrane permeabilization by pro-apoptotic Bax. <i>Biochemical Journal</i> , <b>2015</b> , 467, 495-505	3.8	42
95	Molecular Pathways: Leveraging the BCL-2 Interactome to Kill Cancer Cells--Mitochondrial Outer Membrane Permeabilization and Beyond. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 2671-6	12.9	23
94	High-speed multifocal array scanning using refractive window tilting. <i>Biomedical Optics Express</i> , <b>2015</b> , 6, 3737-47	3.5	14
93	Tunable hydrogel thin films from reactive synthetic polymers as potential two-dimensional cell scaffolds. <i>Langmuir</i> , <b>2015</b> , 31, 5623-32	4	14

92	A Versatile Cell Death Screening Assay Using Dye-Stained Cells and Multivariate Image Analysis. <i>Assay and Drug Development Technologies</i> , <b>2015</b> , 13, 547-57	2.1	6
91	Glioblastoma exosomes and IGF-1R/AS-ODN are immunogenic stimuli in a translational research immunotherapy paradigm. <i>Cancer Immunology, Immunotherapy</i> , <b>2015</b> , 64, 299-309	7.4	30
90	The relative biological effectiveness of low-dose mammography quality X rays in the human breast MCF-10A cell line. <i>Radiation Research</i> , <b>2015</b> , 183, 42-51	3.1	7
89	The use of FLIM-FRET for the detection of mitochondria-associated protein interactions. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1264, 395-419	1.4	12
88	After embedding in membranes antiapoptotic Bcl-XL protein binds both Bcl-2 homology region 3 and helix 1 of proapoptotic Bax protein to inhibit apoptotic mitochondrial permeabilization. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 11873-11896	5.4	58
87	Regulating cell death at, on, and in membranes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2014</b> , 1843, 2100-13	4.9	57
86	The proapoptotic protein tBid forms both superficially bound and membrane-inserted oligomers. <i>Biophysical Journal</i> , <b>2014</b> , 106, 2085-95	2.9	18
85	New insights into the targeting of a subset of tail-anchored proteins to the outer mitochondrial membrane. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 426	6.2	23
84	Pores of no return. <i>Molecular Cell</i> , <b>2014</b> , 56, 465-6	17.6	3
83	Spine Stereotactic Body Radiation Therapy Residual Setup Errors and Intra-Fraction Motion Using the Stereotactic X-Ray Image Guidance Verification System. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , <b>2014</b> , 3, 1-8	0.1	7
82	BID preferentially activates BAK while BIM preferentially activates BAX, affecting chemotherapy response. <i>Molecular Cell</i> , <b>2013</b> , 51, 751-65	17.6	165
81	Chemical and biosynthetic evolution of the antimycin-type depsipeptides. <i>Molecular BioSystems</i> , <b>2013</b> , 9, 2712-9		19
80	Stereotactic radiosurgery for cavernous malformations: is it effective?. <i>World Neurosurgery</i> , <b>2013</b> , 80, e185-6	2.1	4
79	We can control the tumor but can we stop the pain?. <i>World Neurosurgery</i> , <b>2013</b> , 80, 290-2	2.1	
78	Radiosurgery for the treatment of dominant hemisphere periventricular heterotopia and intractable epilepsy in a series of three patients. <i>Epilepsy &amp; Behavior Case Reports</i> , <b>2013</b> , 1, 1-6	1.2	6
77	Mechanisms of action of Bcl-2 family proteins. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2013</b> , 5, a008714	16.2	407
76	tBid undergoes multiple conformational changes at the membrane required for Bax activation. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 22111-27	5.4	71
75	Optimizing the acquisition and analysis of confocal images for quantitative single-mobile-particle detection. <i>ChemPhysChem</i> , <b>2013</b> , 14, 2476-90	3.2	6

74	Vorinostat as a radiosensitizer for CNS malignancies: Preclinical results and phase I trial in brain metastasis.. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 2100-2100	2.2	
73	Shedding light on apoptosis at subcellular membranes. <i>Cell</i> , <b>2012</b> , 151, 1179-84	56.2	63
72	Differences in the mechanisms of proapoptotic BH3 proteins binding to Bcl-XL and Bcl-2 quantified in live MCF-7 cells. <i>Molecular Cell</i> , <b>2012</b> , 45, 754-63	17.6	70
71	Multiple post-translational modifications regulate E-cadherin transport during apoptosis. <i>Journal of Cell Science</i> , <b>2012</b> , 125, 2615-25	5.3	37
70	Mitochondrial hexokinase II (HKII) and phosphoprotein enriched in astrocytes (PEA15) form a molecular switch governing cellular fate depending on the metabolic state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 1518-23	11.5	46
69	Streak camera crosstalk reduction using a multiple delay optical fiber bundle. <i>Optics Letters</i> , <b>2012</b> , 37, 250-2	3	11
68	Interactions of pro-apoptotic BH3 proteins with anti-apoptotic Bcl-2 family proteins measured in live MCF-7 cells using FLIM FRET. <i>Cell Cycle</i> , <b>2012</b> , 11, 3536-42	4.7	30
67	Hydrophobic-domain-dependent protein-protein interactions mediate the localization of GPAT enzymes to ER subdomains. <i>Traffic</i> , <b>2011</b> , 12, 452-72	5.7	43
66	Our Current Knowledge of Hemangioblastomas and Treatment. <i>World Neurosurgery</i> , <b>2011</b> , 75, 45-46	2.1	7
65	Bacterial transmembrane proteins that lack N-terminal signal sequences. <i>PLoS ONE</i> , <b>2011</b> , 6, e19421	3.7	15
64	Distinct pathways mediate the sorting of tail-anchored proteins to the plastid outer envelope. <i>PLoS ONE</i> , <b>2010</b> , 5, e10098	3.7	53
63	Bax forms an oligomer via separate, yet interdependent, surfaces. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 17614-27	5.4	64
62	Bcl-2 and Bax interact via the BH1-3 groove-BH3 motif interface and a novel interface involving the BH4 motif. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 28749-63	5.4	51
61	FimH can directly activate human and murine natural killer cells via TLR4. <i>Molecular Therapy</i> , <b>2010</b> , 18, 1379-88	11.7	60
60	Apoptosis: embedded in membranes. <i>Current Opinion in Cell Biology</i> , <b>2010</b> , 22, 845-51	9	55
59	Toward dose optimization for fractionated stereotactic radiotherapy for acoustic neuromas: comparison of two dose cohorts. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2009</b> , 74, 419-26	4	35
58	Tamoxifen and ICI 182,780 increase Bcl-2 levels and inhibit growth of breast carcinoma cells by modulating PI3K/AKT, ERK and IGF-1R pathways independent of ERalpha. <i>Breast Cancer Research and Treatment</i> , <b>2009</b> , 118, 605-21	4.4	21
57	Current neurosurgical management of brain metastases. <i>Seminars in Oncology</i> , <b>2008</b> , 35, 100-7	5.5	14

56	Bcl-XL inhibits membrane permeabilization by competing with Bax. <i>PLoS Biology</i> , <b>2008</b> , 6, e147	9.7	232
55	Membrane binding by tBid initiates an ordered series of events culminating in membrane permeabilization by Bax. <i>Cell</i> , <b>2008</b> , 135, 1074-84	56.2	457
54	Should surgery followed by whole-brain radiation therapy be the standard treatment for single brain metastasis?. <i>Nature Clinical Practice Oncology</i> , <b>2008</b> , 5, 572-3		2
53	Revisiting anaplastic astrocytomas I: an expansive growth pattern is associated with a better prognosis. <i>Journal of Magnetic Resonance Imaging</i> , <b>2008</b> , 28, 1311-21	5.6	11
52	Development of dimeric modulators for anti-apoptotic Bcl-2 proteins. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 236-40	2.9	26
51	Circumvention of fluorophore photobleaching in fluorescence fluctuation experiments: a beam scanning approach. <i>ChemPhysChem</i> , <b>2007</b> , 8, 834-48	3.2	24
50	Suppression of IP3-mediated calcium release and apoptosis by Bcl-2 involves the participation of protein phosphatase 1. <i>Molecular and Cellular Biochemistry</i> , <b>2007</b> , 295, 153-65	4.2	42
49	Embedded together: the life and death consequences of interaction of the Bcl-2 family with membranes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2007</b> , 12, 897-911	5.4	294
48	The Signal Recognition Particle and Its Receptor in ER Protein Targeting. <i>The Enzymes</i> , <b>2007</b> , 25, 177-206.	2.3	2
47	The C-terminus of cytochrome b5 confers endoplasmic reticulum specificity by preventing spontaneous insertion into membranes. <i>Biochemical Journal</i> , <b>2007</b> , 401, 701-9	3.8	18
46	GIMAP5 regulates mitochondrial integrity from a distinct subcellular compartment. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 361, 481-6	3.4	27
45	Auto-activation of the apoptosis protein Bax increases mitochondrial membrane permeability and is inhibited by Bcl-2. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 14764-75	5.4	117
44	tBid elicits a conformational alteration in membrane-bound Bcl-2 such that it inhibits Bax pore formation. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 35802-11	5.4	39
43	A review of 3 current radiosurgery systems. <i>World Neurosurgery</i> , <b>2006</b> , 66, 559-64		66
42	Bcl-2 changes conformation to inhibit Bax oligomerization. <i>EMBO Journal</i> , <b>2006</b> , 25, 2287-96	13	202
41	Problems with co-funding in Canada. <i>Science</i> , <b>2005</b> , 308, 1867	33.3	5
40	Bax forms multispinning monomers that oligomerize to permeabilize membranes during apoptosis. <i>EMBO Journal</i> , <b>2005</b> , 24, 2096-103	13	319
39	Regulation of Ca <sup>2+</sup> -induced permeability transition by Bcl-2 is antagonized by Drp1 and hFis1. <i>Molecular and Cellular Biochemistry</i> , <b>2005</b> , 272, 187-99	4.2	43

38	Bcl-2 homodimerization involves two distinct binding surfaces, a topographic arrangement that provides an effective mechanism for Bcl-2 to capture activated Bax. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 43920-8	5.4	59
37	Novel targeting signals mediate the sorting of different isoforms of the tail-anchored membrane protein cytochrome b5 to either endoplasmic reticulum or mitochondria. <i>Plant Cell</i> , <b>2004</b> , 16, 3002-19	11.6	77
36	Membrane-bound fatty acid desaturases are inserted co-translationally into the ER and contain different ER retrieval motifs at their carboxy termini. <i>Plant Journal</i> , <b>2004</b> , 37, 156-73	6.9	158
35	During apoptosis bcl-2 changes membrane topology at both the endoplasmic reticulum and mitochondria. <i>Molecular Cell</i> , <b>2004</b> , 14, 523-9	17.6	90
34	Whole brain radiation therapy with or without stereotactic radiosurgery boost for patients with one to three brain metastases: phase III results of the RTOG 9508 randomised trial. <i>Lancet, The</i> , <b>2004</b> , 363, 1665-72	40	1887
33	The beta-subunit of the signal recognition particle receptor is a novel GTP-binding protein without intrinsic GTPase activity. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 27712-20	5.4	16
32	Photodamage to multiple Bcl-xL isoforms by photodynamic therapy with the phthalocyanine photosensitizer Pc 4. <i>Oncogene</i> , <b>2003</b> , 22, 9197-204	9.2	55
31	Interaction with a membrane surface triggers a reversible conformational change in Bax normally associated with induction of apoptosis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 48935-41	5.4	170
30	Protein origami for beginners. <i>Developmental Cell</i> , <b>2002</b> , 3, 608-10	10.2	1
29	Results of a pilot study involving the use of an antisense oligodeoxynucleotide directed against the insulin-like growth factor type I receptor in malignant astrocytomas. <i>Journal of Clinical Oncology</i> , <b>2001</b> , 19, 2189-200	2.2	177
28	Cytochrome-C localizes in secretory granules in pancreas and anterior pituitary. <i>Cell Biology International</i> , <b>2001</b> , 25, 331-8	4.5	13
27	Endoplasmic reticulum localized Bcl-2 prevents apoptosis when redistribution of cytochrome c is a late event. <i>Oncogene</i> , <b>2001</b> , 20, 1939-52	9.2	106
26	Myc potentiates apoptosis by stimulating Bax activity at the mitochondria. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 4725-36	4.8	119
25	FtsY binds to the Escherichia coli inner membrane via interactions with phosphatidylethanolamine and membrane proteins. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 25982-9	5.4	44
24	Transport across membranes: a question of navigation. <i>Cell</i> , <b>2000</b> , 102, 139-44	56.2	3
23	Nucleotide-dependent Binding of the GTPase Domain of the Signal Recognition Particle Receptor $\beta$ Subunit to the $\beta$ Subunit. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 27439-27446	5.4	23
22	Negatively charged residues in the IgM stop-transfer effector sequence regulate transmembrane polypeptide integration. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 33661-70	5.4	9
21	A site-specific, membrane-dependent cleavage event defines the membrane binding domain of FtsY. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 33227-34	5.4	29



20	Identification of the endoplasmic reticulum targeting signal in vesicle-associated membrane proteins. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 36876-82	5.4	46
19	Regulation of acidification and apoptosis by SHP-1 and Bcl-2. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 29549-57	5.4	86
18	Bcl-2 targeted to the endoplasmic reticulum can inhibit apoptosis induced by Myc but not etoposide in Rat-1 fibroblasts. <i>Oncogene</i> , <b>1999</b> , 18, 3520-8	9.2	60
17	Endoscopic transeptal transsphenoidal hypophysectomy with three-dimensional intraoperative localization technology. <i>Laryngoscope</i> , <b>1999</b> , 109, 509-12	3.6	29
16	Possible Early Emergence of In-Field Second Neoplasms Following Cranial Irradiation, Chemotherapy, and Stereotactic Irradiation: Report of Two Cases. <i>Journal of Radiosurgery</i> , <b>1998</b> , 1, 59-62		
15	At the onset of transformation polyomavirus middle-T recruits shc and src to a perinuclear compartment coincident with condensation of endosomes. <i>Oncogene</i> , <b>1998</b> , 17, 565-76	9.2	9
14	Interstitial cells of Cajal generate a rhythmic pacemaker current. <i>Nature Medicine</i> , <b>1998</b> , 4, 848-51	50.5	364
13	Switching the model: a concerted mechanism for GTPases in protein targeting. <i>Cell</i> , <b>1997</b> , 89, 673-6	56.2	34
12	A single nucleotide is a sufficient 5' untranslated region for translation in an eukaryotic in vitro system. <i>FEBS Letters</i> , <b>1997</b> , 414, 19-22	3.8	20
11	The cotranslational integration of membrane proteins into the phospholipid bilayer is a multistep process. <i>Cell</i> , <b>1996</b> , 85, 369-78	56.2	224
10	Detailed initial analysis of the treatment of cranial chordoma with fractionated stereotactic irradiation. <i>Radiation Oncology Investigations</i> , <b>1996</b> , 4, 17-22		
9	Bax homodimerization is not required for Bax to accelerate chemotherapy-induced cell death. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 32073-7	5.4	41
8	An amino-terminal domain containing hydrophobic and hydrophilic sequences binds the signal recognition particle receptor alpha subunit to the beta subunit on the endoplasmic reticulum membrane. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 15650-7	5.4	42
7	The 3' untranslated region of bovine preprolactin contains a transferable non-poly(A) mRNA sequence that prolongs translation. <i>FEBS Letters</i> , <b>1995</b> , 359, 206-10	3.8	4
6	A cytosolic herpes simplex virus protein inhibits antigen presentation to CD8+ T lymphocytes. <i>Cell</i> , <b>1994</b> , 77, 525-35	56.2	484
5	Elemental imaging by electron energy loss microscopy. <i>Scanning</i> , <b>1988</b> , 10, 227-238	1.6	20
4	Automatic selection of molecular images from dark field electron micrographs. <i>Ultramicroscopy</i> , <b>1986</b> , 19, 1-14	3.1	10
3	A stop transfer sequence recognizes receptors for nascent chain translocation across the endoplasmic reticulum membrane. <i>Cell</i> , <b>1986</b> , 47, 711-9	56.2	55

- 2 Use of monoclonal antibody immunoaffinity columns to purify subsets of human HLA-DR antigens. *Methods in Enzymology*, **1984**, 108, 600-6 1.7 1
- 1 The carboxyl-terminal sequence of Bim enables Bax activation and killing of unprimed cells 2