

# Toren Finkel

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

180  
papers

46,969  
citations

84  
h-index

199  
g-index

199  
ext. papers

51,948  
ext. citations

16.2  
avg, IF

7.99  
L-index

#	Paper	IF	Citations
180	Post-GWAS functional analysis identifies CUX1 as a regulator of p16INK4a and cellular senescence. <i>Nature Aging</i> , <b>2022</b> , 2, 140-154		1
179	The role of mitochondria in cellular senescence. <i>FASEB Journal</i> , <b>2021</b> , 35, e21991	0.9	5
178	Forestalling age-impaired angiogenesis and blood flow by targeting NOX: Interplay of NOX1, IL-6, and SASP in propagating cell senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	2
177	A high-throughput screen for TMPRSS2 expression identifies FDA-approved compounds that can limit SARS-CoV-2 entry. <i>Nature Communications</i> , <b>2021</b> , 12, 3907	17.4	10
176	A Fbxo48 inhibitor prevents pAMPK $\beta$ degradation and ameliorates insulin resistance. <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 298-306	11.7	3
175	The secretome mouse provides a genetic platform to delineate tissue-specific in vivo secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
174	Transcriptional and Proteomic Characterization of Telomere-Induced Senescence in a Human Alveolar Epithelial Cell Line. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 600626	4.9	0
173	Sequential CRISPR-Based Screens Identify LITAF and CDIP1 as the Bacillus cereus Hemolysin BL Toxin Host Receptors. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 402-410.e5	23.4	14
172	Kelch-like protein 42 is a profibrotic ubiquitin E3 ligase involved in systemic sclerosis. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 4171-4180	5.4	6
171	Metabolic Regulation of Cell Fate and Function. <i>Trends in Cell Biology</i> , <b>2020</b> , 30, 201-212	18.3	24
170	EMRE is essential for mitochondrial calcium uniporter activity in a mouse model. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	17
169	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000981	9.7	8
168	Identification of the transcription factor Miz1 as an essential regulator of diphthamide biosynthesis using a CRISPR-mediated genome-wide screen. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1009068	6	1
167	Mitochondria as intracellular signaling platforms in health and disease. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	35
166	The mitochondria regulation of stem cell aging. <i>Mechanisms of Ageing and Development</i> , <b>2020</b> , 191, 111334	3.6	4
165	Autophagy goes nuclear. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 1159-1161	23.4	4
164	Prioritized Research for the Prevention, Treatment, and Reversal of Chronic Disease: Recommendations From the Lifestyle Medicine Research Summit. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 585744	4.9	5

163	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses <b>2020</b> , 18, e3000981		
162	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses <b>2020</b> , 18, e3000981		
161	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses <b>2020</b> , 18, e3000981		
160	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses <b>2020</b> , 18, e3000981		
159	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses <b>2020</b> , 18, e3000981		
158	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses <b>2020</b> , 18, e3000981		
157	Assessment of mitophagy in mt-Keima revealed an essential role of the PINK1-Parkin pathway in mitophagy induction. <i>FASEB Journal</i> , <b>2019</b> , 33, 9742-9751	0.9	33
156	T cell stemness and dysfunction in tumors are triggered by a common mechanism. <i>Science</i> , <b>2019</b> , 363,	33.3	196
155	AMPK-mediated activation of MCU stimulates mitochondrial Ca entry to promote mitotic progression. <i>Nature Cell Biology</i> , <b>2019</b> , 21, 476-486	23.4	53
154	TFEB-driven lysosomal biogenesis is pivotal for PGC1 $\beta$ -dependent renal stress resistance. <i>JCI Insight</i> , <b>2019</b> , 5,	9.9	25
153	Cyclophilin D-mediated regulation of the permeability transition pore is altered in mice lacking the mitochondrial calcium uniporter. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 385-394	9.9	35
152	Endothelial to Mesenchymal Transition in Cardiovascular Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 190-209	15.1	189
151	Macrophage fatty acid oxidation inhibits atherosclerosis progression. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 127, 270-276	5.8	19
150	Ablation of PPAR $\gamma$ in subcutaneous fat exacerbates age-associated obesity and metabolic decline. <i>Aging Cell</i> , <b>2018</b> , 17, e12721	9.9	25
149	A Metabolic Basis for Endothelial-to-Mesenchymal Transition. <i>Molecular Cell</i> , <b>2018</b> , 69, 689-698.e7	17.6	96
148	Sensitive Measurement of Mitophagy by Flow Cytometry Using the pH-dependent Fluorescent Reporter mt-Keima. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	12
147	TGF $\beta$ -receptor 1 regulates progenitors that promote browning of white fat. <i>Molecular Metabolism</i> , <b>2018</b> , 16, 160-171	8.8	20
146	The role of mitochondria in aging. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 3662-3670	15.9	137

145	Hepatic Gi signaling regulates whole-body glucose homeostasis. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 746-759	15.9	21
144	Sonic hedgehog signaling regulates the mammalian cardiac regenerative response. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 123, 180-184	5.8	11
143	The impact of aging on cardiac extracellular matrix. <i>GeroScience</i> , <b>2017</b> , 39, 7-18	8.9	109
142	Key proteins and pathways that regulate lifespan. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 6452-6460	5.4	131
141	The Intersection of Aging Biology and the Pathobiology of Lung Diseases: A Joint NHLBI/NIA Workshop. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1492-1500	6.4	40
140	The role of ZKSCAN3 in the transcriptional regulation of autophagy. <i>Autophagy</i> , <b>2017</b> , 13, 1235-1238	10.2	16
139	The In Vivo Biology of the Mitochondrial Calcium Uniporter. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 982, 49-63	3.6	17
138	Autophagy as a regulator of cardiovascular redox homeostasis. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 109, 108-113	7.8	47
137	A fluorescence-based imaging method to measure in vitro and in vivo mitophagy using mt-Keima. <i>Nature Protocols</i> , <b>2017</b> , 12, 1576-1587	18.8	123
136	Reciprocal regulation of acetyl-CoA carboxylase 1 and senescence in human fibroblasts involves oxidant mediated p38 MAPK activation. <i>Archives of Biochemistry and Biophysics</i> , <b>2017</b> , 613, 12-22	4.1	9
135	Intact endothelial autophagy is required to maintain vascular lipid homeostasis. <i>Aging Cell</i> , <b>2016</b> , 15, 187-91	9.9	69
134	Solid tumor therapy by selectively targeting stromal endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E4079-87	11.5	29
133	Mitochondrial Membrane Potential Identifies Cells with Enhanced Stemness for Cellular Therapy. <i>Cell Metabolism</i> , <b>2016</b> , 23, 63-76	24.6	210
132	Fatty acid oxidation in macrophage polarization. <i>Nature Immunology</i> , <b>2016</b> , 17, 216-7	19.1	175
131	The Mitochondrial Basis of Aging. <i>Molecular Cell</i> , <b>2016</b> , 61, 654-666	17.6	657
130	Strategic Positioning and Biased Activity of the Mitochondrial Calcium Uniporter in Cardiac Muscle. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 23343-23362	5.4	40
129	MICU1 Serves as a Molecular Gatekeeper to Prevent In Vivo Mitochondrial Calcium Overload. <i>Cell Reports</i> , <b>2016</b> , 16, 1561-1573	10.6	140
128	MitoRCA-seq reveals unbalanced cytokine to thymine transition in Polg mutant mice. <i>Scientific Reports</i> , <b>2015</b> , 5, 12049	4.9	15

127	Assessment of cardiac function in mice lacking the mitochondrial calcium uniporter. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 85, 178-82	5.8	86
126	Celastrol Protects against Obesity and Metabolic Dysfunction through Activation of a HSF1-PGC1 $\alpha$ Transcriptional Axis. <i>Cell Metabolism</i> , <b>2015</b> , 22, 695-708	24.6	194
125	The ins and outs of mitochondrial calcium. <i>Circulation Research</i> , <b>2015</b> , 116, 1810-9	15.7	137
124	The metabolic regulation of aging. <i>Nature Medicine</i> , <b>2015</b> , 21, 1416-23	50.5	217
123	Measuring In Vivo Mitophagy. <i>Molecular Cell</i> , <b>2015</b> , 60, 685-96	17.6	379
122	The essential autophagy gene ATG7 modulates organ fibrosis via regulation of endothelial-to-mesenchymal transition. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 2547-59	5.4	66
121	The role of autophagy in vascular biology. <i>Circulation Research</i> , <b>2015</b> , 116, 480-8	15.7	155
120	Mitohormesis. <i>Cell Metabolism</i> , <b>2014</b> , 19, 757-66	24.6	420
119	Cyclin B1/Cdk1 coordinates mitochondrial respiration for cell-cycle G2/M progression. <i>Developmental Cell</i> , <b>2014</b> , 29, 217-32	10.2	201
118	Cellular mechanisms and physiological consequences of redox-dependent signalling. <i>Nature Reviews Molecular Cell Biology</i> , <b>2014</b> , 15, 411-21	48.7	1221
117	Aging: the blurry line between life and death. <i>Current Biology</i> , <b>2014</b> , 24, R610-3	6.3	3
116	Unraveling the truth about antioxidants: ROS and disease: finding the right balance. <i>Nature Medicine</i> , <b>2014</b> , 20, 711-3	50.5	95
115	Unresolved questions from the analysis of mice lacking MCU expression. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 449, 384-5	3.4	73
114	Autophagy-dependent metabolic reprogramming sensitizes TSC2-deficient cells to the antimetabolite 6-aminonicotinamide. <i>Molecular Cancer Research</i> , <b>2014</b> , 12, 48-57	6.6	42
113	Cardiac aging and rejuvenation--a sense of humors?. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 575-6	59.2	13
112	Metabolic regulation of the cell cycle. <i>Current Opinion in Cell Biology</i> , <b>2013</b> , 25, 724-9	9	37
111	Key tissue targets responsible for anthrax-toxin-induced lethality. <i>Nature</i> , <b>2013</b> , 501, 63-8	50.4	83
110	Autophagy regulates endothelial cell processing, maturation and secretion of von Willebrand factor. <i>Nature Medicine</i> , <b>2013</b> , 19, 1281-7	50.5	167

109	The physiological role of mitochondrial calcium revealed by mice lacking the mitochondrial calcium uniporter. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 1464-72	23.4	456
108	Stem cells and oxidants: too little of a bad thing. <i>Cell Metabolism</i> , <b>2013</b> , 18, 1-2	24.6	17
107	Metabolic regulation by the mitochondrial phosphatase PTPMT1 is required for hematopoietic stem cell differentiation. <i>Cell Stem Cell</i> , <b>2013</b> , 12, 62-74	18	211
106	Inhibiting glycolytic metabolism enhances CD8+ T cell memory and antitumor function. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 4479-88	15.9	535
105	The NAD-dependent deacetylase SIRT2 is required for programmed necrosis. <i>Nature</i> , <b>2012</b> , 492, 199-204	50.4	122
104	Oncogene-induced senescence results in marked metabolic and bioenergetic alterations. <i>Cell Cycle</i> , <b>2012</b> , 11, 1383-92	4.7	90
103	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	46.2	2783
102	Relief with rapamycin: mTOR inhibition protects against radiation-induced mucositis. <i>Cell Stem Cell</i> , <b>2012</b> , 11, 287-8	18	9
101	From sulfenylation to sulfhydration: what a thiolate needs to tolerate. <i>Science Signaling</i> , <b>2012</b> , 5, pe10	8.8	116
100	Atg7 modulates p53 activity to regulate cell cycle and survival during metabolic stress. <i>Science</i> , <b>2012</b> , 336, 225-8	33.3	234
99	Signal transduction by mitochondrial oxidants. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 4434-40	5.4	266
98	TGF- $\beta$ /Smad3 signaling inhibition protects from obesity and diabetes through modulation of adipocyte biology. <i>FASEB Journal</i> , <b>2012</b> , 26, 877.6	0.9	
97	Disruption of Mitochondrial Phosphatase Ptpmt1 Induces Bioenergetic Stress and Differentiation Block in Hematopoietic Stem Cells. <i>Blood</i> , <b>2012</b> , 120, 857-857	2.2	
96	Protection from obesity and diabetes by blockade of TGF- $\beta$ /Smad3 signaling. <i>Cell Metabolism</i> , <b>2011</b> , 14, 67-79	24.6	418
95	Signal transduction by reactive oxygen species. <i>Journal of Cell Biology</i> , <b>2011</b> , 194, 7-15	7.3	1518
94	Wnt signaling regulates hepatic metabolism. <i>Science Signaling</i> , <b>2011</b> , 4, ra6	8.8	129
93	Oxidants, metabolism, and stem cell biology. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 2158-62	7.8	22
92	Telomeres and mitochondrial function. <i>Circulation Research</i> , <b>2011</b> , 108, 903-4	15.7	8

91	Caenorhabditis elegans UCP4 protein controls complex II-mediated oxidative phosphorylation through succinate transport. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 37712-20	5.4	32
90	Tumorigenesis in tuberous sclerosis complex is autophagy and p62/sequestosome 1 (SQSTM1)-dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 12455-60	11.5	159
89	Genetic links between circulating cells and cardiovascular risk. <i>Circulation: Cardiovascular Genetics</i> , <b>2011</b> , 4, 218-20		1
88	A critical role of mitochondrial phosphatase Ptpmt1 in embryogenesis reveals a mitochondrial metabolic stress-induced differentiation checkpoint in embryonic stem cells. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 4902-16	4.8	27
87	Strategic plan for lung vascular research: An NHLBI-ORDR Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 182, 1554-62	10.2	59
86	53BP1 inhibits homologous recombination in Brca1-deficient cells by blocking resection of DNA breaks. <i>Cell</i> , <b>2010</b> , 141, 243-54	56.2	1147
85	Impact papers on aging in 2009. <i>Aging</i> , <b>2010</b> , 2, 111-21	5.6	29
84	The Krebs cycle meets the cell cycle: mitochondria and the G1-S transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 11825-6	11.5	55
83	Xanthine oxidoreductase depletion induces renal interstitial fibrosis through aberrant lipid and purine accumulation in renal tubules. <i>Hypertension</i> , <b>2009</b> , 54, 868-76	8.5	49
82	Regulation of autophagy by the p300 acetyltransferase. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 6322-34	5.4	189
81	Bmi1 regulates mitochondrial function and the DNA damage response pathway. <i>Nature</i> , <b>2009</b> , 459, 387-392	9.4	379
80	Recent progress in the biology and physiology of sirtuins. <i>Nature</i> , <b>2009</b> , 460, 587-91	50.4	1133
79	Preview. The Tortoise, the hare, and the FoxO. <i>Cell Stem Cell</i> , <b>2009</b> , 5, 451-2	18	8
78	A selective requirement for 53BP1 in the biological response to genomic instability induced by Brca1 deficiency. <i>Molecular Cell</i> , <b>2009</b> , 35, 534-41	17.6	223
77	The ClinSeq Project: piloting large-scale genome sequencing for research in genomic medicine. <i>Genome Research</i> , <b>2009</b> , 19, 1665-74	9.7	209
76	Breathing lessons: Tor tackles the mitochondria. <i>Aging</i> , <b>2009</b> , 1, 9-11	5.6	2
75	Free radicals and senescence. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 1918-22	4.2	240
74	Redox-based regulation of signal transduction: principles, pitfalls, and promises. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 1-17	7.8	617



73	A role for the NAD-dependent deacetylase Sirt1 in the regulation of autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 3374-9	11.5	1079
72	Interplay among BRCA1, SIRT1, and Survivin during BRCA1-associated tumorigenesis. <i>Molecular Cell</i> , <b>2008</b> , 32, 11-20	17.6	294
71	A role for the mitochondrial deacetylase Sirt3 in regulating energy homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 14447-52	11.5	943
70	Coordination of mitochondrial bioenergetics with G1 phase cell cycle progression. <i>Cell Cycle</i> , <b>2008</b> , 7, 1782-7	4.7	79
69	SIRT1 contributes in part to cisplatin resistance in cancer cells by altering mitochondrial metabolism. <i>Molecular Cancer Research</i> , <b>2008</b> , 6, 1499-506	6.6	84
68	Mitochondrial metabolism modulates differentiation and teratoma formation capacity in mouse embryonic stem cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 28506-12	5.4	147
67	The common biology of cancer and ageing. <i>Nature</i> , <b>2007</b> , 448, 767-74	50.4	781
66	Augmented Wnt signaling in a mammalian model of accelerated aging. <i>Science</i> , <b>2007</b> , 317, 803-6	33.3	599
65	Xanthine oxidoreductase is a regulator of adipogenesis and PPARgamma activity. <i>Cell Metabolism</i> , <b>2007</b> , 5, 115-28	24.6	142
64	TOR and aging: less is more. <i>Cell Metabolism</i> , <b>2007</b> , 5, 233-5	24.6	22
63	Human mesenchymal stem cells exert potent antitumorigenic effects in a model of Kaposi's sarcoma. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 1235-47	16.6	607
62	Intracellular redox regulation by the family of small GTPases. <i>Antioxidants and Redox Signaling</i> , <b>2006</b> , 8, 1857-63	8.4	54
61	The mammalian target of rapamycin (mTOR) pathway regulates mitochondrial oxygen consumption and oxidative capacity. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 27643-52	5.4	465
60	The mammalian longevity-associated gene product p66shc regulates mitochondrial metabolism. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 10555-60	5.4	119
59	Interactions between E2F1 and SirT1 regulate apoptotic response to DNA damage. <i>Nature Cell Biology</i> , <b>2006</b> , 8, 1025-31	23.4	366
58	Redox-dependent transcriptional regulation. <i>Circulation Research</i> , <b>2005</b> , 97, 967-74	15.7	359
57	SIRT1 functionally interacts with the metabolic regulator and transcriptional coactivator PGC-1{alpha}. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 16456-60	5.4	798
56	Mitochondria, oxidants, and aging. <i>Cell</i> , <b>2005</b> , 120, 483-95	56.2	3121



55	Endothelial progenitor cells. <i>Annual Review of Medicine</i> , <b>2005</b> , 56, 79-101	17.4	315
54	Radical medicine: treating ageing to cure disease. <i>Nature Reviews Molecular Cell Biology</i> , <b>2005</b> , 6, 971-6	48.7	199
53	Effect of a histone deacetylase inhibitor on human cardiac mass. <i>Cardiovascular Drugs and Therapy</i> , <b>2005</b> , 19, 89-90	3.9	5
52	Phosphorylation of p66Shc and forkhead proteins mediates Abeta toxicity. <i>Journal of Cell Biology</i> , <b>2005</b> , 169, 331-9	7.3	83
51	Granulocyte colony-stimulating factor mobilizes functional endothelial progenitor cells in patients with coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 296-301	9.4	207
50	Circulation Research Editors' Annual Report for 2004. <i>Circulation Research</i> , <b>2005</b> , 96, 269-271	15.7	
49	Xanthine oxidoreductase is an endogenous regulator of cyclooxygenase-2. <i>Circulation Research</i> , <b>2004</b> , 95, 1118-24	15.7	80
48	Nutrient availability regulates SIRT1 through a forkhead-dependent pathway. <i>Science</i> , <b>2004</b> , 306, 2105-8	33.3	569
47	Circulation Research Editors' Yearly Report: 2003. <i>Circulation Research</i> , <b>2004</b> , 94, 129-131	15.7	
46	Circulating endothelial progenitor cells, vascular function, and cardiovascular risk. <i>New England Journal of Medicine</i> , <b>2003</b> , 348, 593-600	59.2	2912
45	Oxidant signals and oxidative stress. <i>Current Opinion in Cell Biology</i> , <b>2003</b> , 15, 247-54	9	1166
44	Pharmacology: uncoupling the agony from ecstasy. <i>Nature</i> , <b>2003</b> , 426, 403-4	50.4	121
43	Neutrophils with a license to kill: permeabilized, not stirred. <i>Developmental Cell</i> , <b>2003</b> , 4, 146-8	10.2	8
42	Circulation Research Editors' Yearly Report: 2002. <i>Circulation Research</i> , <b>2003</b> , 92, 121-123	15.7	
41	Identification of a specific molecular repressor of the peroxisome proliferator-activated receptor gamma Coactivator-1 alpha (PGC-1alpha). <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 50991-5	5.4	108
40	Regulation of cellular oncosis by uncoupling protein 2. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 27385-9	9.4	90
39	Detection and affinity purification of oxidant-sensitive proteins using biotinylated glutathione ethyl ester. <i>Methods in Enzymology</i> , <b>2002</b> , 353, 101-13	1.7	20
38	Redox regulation of Cdc25C. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 20535-40	5.4	171

37	Redox regulation of forkhead proteins through a p66shc-dependent signaling pathway. <i>Science</i> , <b>2002</b> , 295, 2450-2	33.3	728
36	A role for mitochondria as potential regulators of cellular life span. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 294, 245-8	3.4	63
35	Regulation of the Werner helicase through a direct interaction with a subunit of protein kinase A. <i>FEBS Letters</i> , <b>2002</b> , 521, 170-4	3.8	8
34	Oxidants painting the cysteine chapel: redox regulation of PTPs. <i>Developmental Cell</i> , <b>2002</b> , 2, 251-2	10.2	139
33	Circulation Research Editors' Yearly Report: 2001. <i>Circulation Research</i> , <b>2002</b> , 90, 115-117	15.7	
32	Ras regulates NFAT3 activity in cardiac myocytes. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 3524-30	5.4	70
31	Expression of Rho GTPases using adenovirus vectors. <i>Methods in Enzymology</i> , <b>2000</b> , 325, 303-14	1.7	3
30	Oxidants, oxidative stress and the biology of ageing. <i>Nature</i> , <b>2000</b> , 408, 239-47	50.4	6859
29	Circulation research Editors' yearly report: 1999-2000. <i>Circulation Research</i> , <b>2000</b> , 87, 261-3	15.7	1
28	Vascular effects following homozygous disruption of p47(phox) : An essential component of NADPH oxidase. <i>Circulation</i> , <b>2000</b> , 101, 1234-6	16.7	140
27	Role for mitochondrial oxidants as regulators of cellular metabolism. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 7311-8	4.8	323
26	Homocysteine accelerates endothelial cell senescence. <i>FEBS Letters</i> , <b>2000</b> , 470, 20-4	3.8	153
25	Redox-dependent signal transduction. <i>FEBS Letters</i> , <b>2000</b> , 476, 52-4	3.8	431
24	Identification of oxidant-sensitive proteins: TNF-alpha induces protein glutathiolation. <i>Biochemistry</i> , <b>2000</b> , 39, 11121-8	3.2	207
23	Cytomegalovirus infection of rats increases the neointimal response to vascular injury without consistent evidence of direct infection of the vascular wall. <i>Circulation</i> , <b>1999</b> , 100, 1569-75	16.7	68
22	A role for reactive oxygen species in endothelial cell anoikis. <i>Circulation Research</i> , <b>1999</b> , 85, 304-10	15.7	161
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