Toren Finkel

List of Publications by Year
in descending order

195 papers	56,348 citations	4345 89 h-index	3844 184 g-index
199 all docs	199 docs citations	199 times ranked	77573 citing authors

#	Article	IF	Citations
1	Post-GWAS functional analysis identifies CUX1 as a regulator of p16INK4a and cellular senescence. Nature Aging, 2022, 2, 140-154.	5.3	4
2	Cardiovascular disease and the biology of aging. Journal of Molecular and Cellular Cardiology, 2022, 167, 109-117.	0.9	11
3	Progerin modulates the IGF-1R/Akt signaling involved in aging. Science Advances, 2022, 8, .	4.7	5
4	A potent tumor-selective ERK pathway inactivator with high therapeutic index. , 2022, 1, .		1
5	A Fbxo48 inhibitor prevents pAMPKÎ± degradation and ameliorates insulin resistance. Nature Chemical Biology, 2021, 17, 298-306.	3.9	16
6	The secretome mouse provides a genetic platform to delineate tissue-specific in vivo secretion. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
7	Transcriptional and Proteomic Characterization of Telomere-Induced Senescence in a Human Alveolar Epithelial Cell Line. Frontiers in Medicine, 2021, 8, 600626.	1.2	8
8	A high-throughput screen for TMPRSS2 expression identifies FDA-approved compounds that can limit SARS-CoV-2 entry. Nature Communications, 2021, 12, 3907.	5.8	50
9	Forestalling age-impaired angiogenesis and blood flow by targeting NOX: Interplay of NOX1, IL-6, and SASP in propagating cell senescence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	18
10	The role of mitochondria in cellular senescence. FASEB Journal, 2021, 35, e21991.	0.2	29
11	The mitochondria regulation of stem cell aging. Mechanisms of Ageing and Development, 2020, 191, 111334.	2.2	10
12	Autophagy goes nuclear. Nature Cell Biology, 2020, 22, 1159-1161.	4.6	4
13	Prioritized Research for the Prevention, Treatment, and Reversal of Chronic Disease: Recommendations From the Lifestyle Medicine Research Summit. Frontiers in Medicine, 2020, 7, 585744.	1.2	36
14	Sequential CRISPR-Based Screens Identify LITAF and CDIP1 as the Bacillus cereus Hemolysin BL Toxin Host Receptors. Cell Host and Microbe, 2020, 28, 402-410.e5.	5.1	23
15	Kelch-like protein 42 is a profibrotic ubiquitin E3 ligase involved in systemic sclerosis. Journal of Biological Chemistry, 2020, 295, 4171-4180.	1.6	12
16	Metabolic Regulation of Cell Fate and Function. Trends in Cell Biology, 2020, 30, 201-212.	3.6	51
17	Mitochondria as intracellular signaling platforms in health and disease. Journal of Cell Biology, 2020, 219, .	2.3	72
18	EMRE is essential for mitochondrial calcium uniporter activity in a mouse model. JCI Insight, 2020, 5, .	2.3	44

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19	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. PLoS Biology, 2020, 18, e3000981.	2.6	20
20	Identification of the transcription factor Miz1 as an essential regulator of diphthamide biosynthesis using a CRISPR-mediated genome-wide screen. PLoS Genetics, 2020, 16, e1009068.	1.5	4
21	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
22	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
23	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
24	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
25	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
26	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
27	Assessment of mitophagy in mtâ€Keima <i>Drosophila</i> revealed an essential role of the PINK1â€Parkin pathway in mitophagy induction <i>in vivo</i>. FASEB Journal, 2019, 33, 9742-9751.	0.2	67
28	T cell stemness and dysfunction in tumors are triggered by a common mechanism. Science, 2019, 363, .	6.0	355
29	AMPK-mediated activation of MCU stimulates mitochondrial Ca2+ entry to promote mitotic progression. Nature Cell Biology, 2019, 21, 476-486.	4.6	98
30	Cyclophilin D-mediated regulation of the permeability transition pore is altered in mice lacking the mitochondrial calcium uniporter. Cardiovascular Research, 2019, 115, 385-394.	1.8	63
31	Endothelial to Mesenchymal Transition inÂCardiovascular Disease. Journal of the American College of Cardiology, 2019, 73, 190-209.	1.2	357
32	Macrophage fatty acid oxidation inhibits atherosclerosis progression. Journal of Molecular and Cellular Cardiology, 2019, 127, 270-276.	0.9	35
33	TFEB-driven lysosomal biogenesis is pivotal for PGC1Î±-dependent renal stress resistance. JCI Insight, 2019, 4, .	2.3	40
34	Ablation of <scp>PPAR</scp>Î³ in subcutaneous fat exacerbates ageâ€associated obesity and metabolic decline. Aging Cell, 2018, 17, e12721.	3.0	35
35	A Metabolic Basis for Endothelial-to-Mesenchymal Transition. Molecular Cell, 2018, 69, 689-698.e7.	4.5	164
36	Cyclophilin D-mediated regulation of the permeability transition pore is altered in mice lacking the mitochondrial calcium uniporter. Journal of Molecular and Cellular Cardiology, 2018, 124, 122.	0.9	1

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37	Sonic hedgehog signaling regulates the mammalian cardiac regenerative response. Journal of Molecular and Cellular Cardiology, 2018, 123, 180-184.	0.9	21
38	Sensitive Measurement of Mitophagy by Flow Cytometry Using the pH-dependent Fluorescent Reporter mt-Keima. Journal of Visualized Experiments, 2018, , .	0.2	15
39	TGF-Î² receptor 1 regulates progenitors that promote browning of white fat. Molecular Metabolism, 2018, 16, 160-171.	3.0	33
40	The role of mitochondria in aging. Journal of Clinical Investigation, 2018, 128, 3662-3670.	3.9	269
41	Hepatic Gi signaling regulates whole-body glucose homeostasis. Journal of Clinical Investigation, 2018, 128, 746-759.	3.9	34
42	The impact of aging on cardiac extracellular matrix. GeroScience, 2017, 39, 7-18.	2.1	168
43	Key proteins and pathways that regulate lifespan. Journal of Biological Chemistry, 2017, 292, 6452-6460.	1.6	173
44	The Intersection of Aging Biology and the Pathobiology of Lung Diseases: A Joint NHLBI/NIA Workshop. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1492-1500.	1.7	55
45	The role of ZKSCAN3 in the transcriptional regulation of autophagy. Autophagy, 2017, 13, 1235-1238.	4.3	24
46	The In Vivo Biology of the Mitochondrial Calcium Uniporter. Advances in Experimental Medicine and Biology, 2017, 982, 49-63.	0.8	22
47	Autophagy as a regulator of cardiovascular redox homeostasis. Free Radical Biology and Medicine, 2017, 109, 108-113.	1.3	56
48	A fluorescence-based imaging method to measure in vitro and in vivo mitophagy using mt-Keima. Nature Protocols, 2017, 12, 1576-1587.	5.5	207
49	Reciprocal regulation of acetyl-CoA carboxylase 1 and senescence in human fibroblasts involves oxidant mediated p38 MAPK activation. Archives of Biochemistry and Biophysics, 2017, 613, 12-22.	1.4	18
50	Synergistic treatment of TS. Oncotarget, 2017, 8, 64653-64654.	0.8	0
51	The Mitochondrial Basis of Aging. Molecular Cell, 2016, 61, 654-666.	4.5	1,011
52	Strategic Positioning and Biased Activity of the Mitochondrial Calcium Uniporter in Cardiac Muscle. Journal of Biological Chemistry, 2016, 291, 23343-23362.	1.6	49
53	MICU1 Serves as a Molecular Gatekeeper to Prevent InÂVivo Mitochondrial Calcium Overload. Cell Reports, 2016, 16, 1561-1573.	2.9	175
54	Intact endothelial autophagy is required to maintain vascular lipid homeostasis. Aging Cell, 2016, 15, 187-191.	3.0	99

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55	Solid tumor therapy by selectively targeting stromal endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4079-87.	3.3	39
56	Mitochondrial Membrane Potential Identifies Cells with Enhanced Stemness for Cellular Therapy. Cell Metabolism, 2016, 23, 63-76.	7.2	291
57	Fatty acid oxidation in macrophage polarization. Nature Immunology, 2016, 17, 216-217.	7.0	276
58	The Ins and Outs of Mitochondrial Calcium. Circulation Research, 2015, 116, 1810-1819.	2.0	214
59	The metabolic regulation of aging. Nature Medicine, 2015, 21, 1416-1423.	15.2	272
60	Measuring InÂVivo Mitophagy. Molecular Cell, 2015, 60, 685-696.	4.5	512
61	The Essential Autophagy Gene ATG7 Modulates Organ Fibrosis via Regulation of Endothelial-to-Mesenchymal Transition. Journal of Biological Chemistry, 2015, 290, 2547-2559.	1.6	87
62	Cardiac mitochondria: A surprise about size. Journal of Molecular and Cellular Cardiology, 2015, 82, 213-215.	0.9	19
63	The Role of Autophagy in Vascular Biology. Circulation Research, 2015, 116, 480-488.	2.0	194
64	MitoRCA-seq reveals unbalanced cytocine to thymine transition in Polg mutant mice. Scientific Reports, 2015, 5, 12049.	1.6	19
65	Assessment of cardiac function in mice lacking the mitochondrial calcium uniporter. Journal of Molecular and Cellular Cardiology, 2015, 85, 178-182.	0.9	106
66	Celastrol Protects against Obesity and Metabolic Dysfunction through Activation of a HSF1-PGC1Î± Transcriptional Axis. Cell Metabolism, 2015, 22, 695-708.	7.2	272
67	Autophagy-Dependent Metabolic Reprogramming Sensitizes TSC2-Deficient Cells to the Antimetabolite 6-Aminonicotinamide. Molecular Cancer Research, 2014, 12, 48-57.	1.5	52
68	Mitohormesis. Cell Metabolism, 2014, 19, 757-766.	7.2	521
69	Cyclin B1/Cdk1 Coordinates Mitochondrial Respiration for Cell-Cycle G2/M Progression. Developmental Cell, 2014, 29, 217-232.	3.1	292
70	Cellular mechanisms and physiological consequences of redox-dependent signalling. Nature Reviews Molecular Cell Biology, 2014, 15, 411-421.	16.1	1,597
71	Aging: The Blurry Line between Life and Death. Current Biology, 2014, 24, R610-R613.	1.8	3
72	Unraveling the Truth About Antioxidants: ROS and disease: finding the right balance. Nature Medicine, 2014, 20, 711-713.	15.2	122

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73	Unresolved questions from the analysis of mice lacking MCU expression. Biochemical and Biophysical Research Communications, 2014, 449, 384-385.	1.0	93
74	Cardiac Aging and Rejuvenation â€" A Sense of Humors?. New England Journal of Medicine, 2013, 369, 575-576.	13.9	16
75	Metabolic regulation of the cell cycle. Current Opinion in Cell Biology, 2013, 25, 724-729.	2.6	52
76	Key tissue targets responsible for anthrax-toxin-induced lethality. Nature, 2013, 501, 63-68.	13.7	101
77	Autophagy regulates endothelial cell processing, maturation and secretion of von Willebrand factor. Nature Medicine, 2013, 19, 1281-1287.	15.2	212
78	The physiological role of mitochondrial calcium revealed by mice lacking the mitochondrial calcium uniporter. Nature Cell Biology, 2013, 15, 1464-1472.	4.6	571
79	Stem Cells and Oxidants: Too Little of a Bad Thing. Cell Metabolism, 2013, 18, 1-2.	7.2	19
80	Metabolic Regulation by the Mitochondrial Phosphatase PTPMT1 Is Required for Hematopoietic Stem Cell Differentiation. Cell Stem Cell, 2013, 12, 62-74.	5.2	282
81	Inhibiting glycolytic metabolism enhances CD8+ T cell memory and antitumor function. Journal of Clinical Investigation, 2013, 123, 4479-4488.	3.9	719
82	The NAD-dependent deacetylase SIRT2 is required for programmed necrosis. Nature, 2012, 492, 199-204.	13.7	131
83	Oncogene-induced senescence results in marked metabolic and bioenergetic alterations. Cell Cycle, 2012, 11, 1383-1392.	1.3	118
84	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
85	Relief with Rapamycin: mTOR Inhibition Protects against Radiation-Induced Mucositis. Cell Stem Cell, 2012, 11, 287-288.	5.2	11
86	From Sulfenylation to Sulfhydration: What a Thiolate Needs to Tolerate. Science Signaling, 2012, 5, pe10.	1.6	140
87	Atg7 Modulates p53 Activity to Regulate Cell Cycle and Survival During Metabolic Stress. Science, 2012, 336, 225-228.	6.0	299
88	Signal Transduction by Mitochondrial Oxidants. Journal of Biological Chemistry, 2012, 287, 4434-4440.	1.6	332
89	TGFâ€Î²/Smad3 signaling inhibition protects from obesity and diabetes through modulation of adipocyte biology. FASEB Journal, 2012, 26, 877.6.	0.2	0
90	Disruption of Mitochondrial Phosphatase Ptpmt1 Induces Bioenergetic Stress and Differentiation Block in Hematopoietic Stem Cells. Blood, 2012, 120, 857-857.	0.6	0

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91	Protection from Obesity and Diabetes by Blockade of TGF-Î²/Smad3 Signaling. Cell Metabolism, 2011, 14, 67-79.	7.2	556
92	Signal transduction by reactive oxygen species. Journal of Cell Biology, 2011, 194, 7-15.	2.3	1,878
93	Wnt Signaling Regulates Hepatic Metabolism. Science Signaling, 2011, 4, ra6.	1.6	167
94	Oxidants, metabolism, and stem cell biology. Free Radical Biology and Medicine, 2011, 51, 2158-2162.	1.3	23
95	Telomeres and Mitochondrial Function. Circulation Research, 2011, 108, 903-904.	2.0	10
96	Caenorhabditis elegans UCP4 Protein Controls Complex II-mediated Oxidative Phosphorylation through Succinate Transport. Journal of Biological Chemistry, 2011, 286, 37712-37720.	1.6	38
97	Tumorigenesis in tuberous sclerosis complex is autophagy and p62/sequestosome 1 (SQSTM1)-dependent. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12455-12460.	3.3	175
98	Genetic Links Between Circulating Cells and Cardiovascular Risk. Circulation: Cardiovascular Genetics, 2011, 4, 218-220.	5.1	1
99	A Critical Role of Mitochondrial Phosphatase Ptpmt1 in Embryogenesis Reveals a Mitochondrial Metabolic Stress-Induced Differentiation Checkpoint in Embryonic Stem Cells. Molecular and Cellular Biology, 2011, 31, 4902-4916.	1.1	40
100	Metabolism meets autophagyÂ. Cell Cycle, 2010, 9, 4780-4781.	1.3	19
101	Strategic Plan for Lung Vascular Research. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1554-1562.	2.5	73
102	53BP1 Inhibits Homologous Recombination in Brca1-Deficient Cells by Blocking Resection of DNA Breaks. Cell, 2010, 141, 243-254.	13.5	1,406
103	Impact papers on aging in 2009. Aging, 2010, 2, 111-121.	1.4	35
104	The Krebs cycle meets the cell cycle: Mitochondria and the G ₁ â€“S transition. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11825-11826.	3.3	73
105	Xanthine Oxidoreductase Depletion Induces Renal Interstitial Fibrosis Through Aberrant Lipid and Purine Accumulation in Renal Tubules. Hypertension, 2009, 54, 868-876.	1.3	55
106	Regulation of Autophagy by the p300 Acetyltransferase. Journal of Biological Chemistry, 2009, 284, 6322-6328.	1.6	232
107	Bmi1 regulates mitochondrial function and the DNA damage response pathway. Nature, 2009, 459, 387-392.	13.7	420
108	Recent progress in the biology and physiology of sirtuins. Nature, 2009, 460, 587-591.	13.7	1,329

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109	The Tortoise, the Hare, and the FoxO. Cell Stem Cell, 2009, 5, 451-452.	5.2	9
110	A Selective Requirement for 53BP1 in the Biological Response to Genomic Instability Induced by Brca1 Deficiency. Molecular Cell, 2009, 35, 534-541.	4.5	257
111	The ClinSeq Project: Piloting large-scale genome sequencing for research in genomic medicine. Genome Research, 2009, 19, 1665-1674.	2.4	236
112	Breathing lessons: Tor tackles the mitochondria. Aging, 2009, 1, 9-11.	1.4	5
113	Free radicals and senescence. Experimental Cell Research, 2008, 314, 1918-1922.	1.2	274
114	Redox-based regulation of signal transduction: Principles, pitfalls, and promises. Free Radical Biology and Medicine, 2008, 45, 1-17.	1.3	681
115	A role for the NAD-dependent deacetylase Sirt1 in the regulation of autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3374-3379.	3.3	1,290
116	Interplay among BRCA1, SIRT1, and Survivin during BRCA1-Associated Tumorigenesis. Molecular Cell, 2008, 32, 11-20.	4.5	334
117	A role for the mitochondrial deacetylase Sirt3 in regulating energy homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14447-14452.	3.3	1,136
118	Coordination of mitochondrial bioenergetics with G₁phase cell cycle progression. Cell Cycle, 2008, 7, 1782-1787.	1.3	96
119	SIRT1 Contributes in Part to Cisplatin Resistance in Cancer Cells by Altering Mitochondrial Metabolism. Molecular Cancer Research, 2008, 6, 1499-1506.	1.5	101
120	Mitochondrial Metabolism Modulates Differentiation and Teratoma Formation Capacity in Mouse Embryonic Stem Cells. Journal of Biological Chemistry, 2008, 283, 28506-28512.	1.6	179
121	Augmented Wnt Signaling in a Mammalian Model of Accelerated Aging. Science, 2007, 317, 803-806.	6.0	683
122	Xanthine Oxidoreductase Is a Regulator of Adipogenesis and PPARÎ³ Activity. Cell Metabolism, 2007, 5, 115-128.	7.2	171
123	TOR and Aging: Less Is More. Cell Metabolism, 2007, 5, 233-235.	7.2	22
124	GAPDH and the search for alternative energy. Nature Cell Biology, 2007, 9, 869-870.	4.6	29
125	The common biology of cancer and ageing. Nature, 2007, 448, 767-774.	13.7	903
126	Intracellular Redox Regulation by the Family of Small GTPases. Antioxidants and Redox Signaling, 2006, 8, 1857-1863.	2.5	65

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127	The Mammalian Target of Rapamycin (mTOR) Pathway Regulates Mitochondrial Oxygen Consumption and Oxidative Capacity. Journal of Biological Chemistry, 2006, 281, 27643-27652.	1.6	524
128	The Mammalian Longevity-associated Gene Product p66 Regulates Mitochondrial Metabolism. Journal of Biological Chemistry, 2006, 281, 10555-10560.	1.6	137
129	A clean energy programme. Nature, 2006, 444, 151-152.	13.7	42
130	Interactions between E2F1 and SirT1 regulate apoptotic response to DNA damage. Nature Cell Biology, 2006, 8, 1025-1031.	4.6	398
131	Stem cell aging: what bleach can teach. Nature Medicine, 2006, 12, 383-384.	15.2	15
132	Cancer gets the Chk'ered flag. Nature Medicine, 2006, 12, 1354-1356.	15.2	1
133	Human mesenchymal stem cells exert potent antitumorigenic effects in a model of Kaposi's sarcoma. Journal of Experimental Medicine, 2006, 203, 1235-1247.	4.2	700
134	Endothelial Progenitor Cells. Annual Review of Medicine, 2005, 56, 79-101.	5.0	338
135	Radical medicine: treating ageing to cure disease. Nature Reviews Molecular Cell Biology, 2005, 6, 971-976.	16.1	226
136	Effect of a Histone Deacetylase Inhibitor on Human Cardiac Mass. Cardiovascular Drugs and Therapy, 2005, 19, 89-90.	1.3	5
137	Phosphorylation of p66Shc and forkhead proteins mediates AÎ² toxicity. Journal of Cell Biology, 2005, 169, 331-339.	2.3	91
138	Granulocyte Colony-Stimulating Factor Mobilizes Functional Endothelial Progenitor Cells in Patients With Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 296-301.	1.1	240
139	Circulation Research Editorsâ€™ Annual Report for 2004. Circulation Research, 2005, 96, 269-271.	2.0	0
140	Redox-Dependent Transcriptional Regulation. Circulation Research, 2005, 97, 967-974.	2.0	402
141	SIRT1 Functionally Interacts with the Metabolic Regulator and Transcriptional Coactivator PGC-1Î±. Journal of Biological Chemistry, 2005, 280, 16456-16460.	1.6	917
142	Mitochondria, Oxidants, and Aging. Cell, 2005, 120, 483-495.	13.5	3,710
143	Xanthine Oxidoreductase Is an Endogenous Regulator of Cyclooxygenase-2. Circulation Research, 2004, 95, 1118-1124.	2.0	88
144	Ageing and the mystery at Arles. Nature, 2004, 429, 149-152.	13.7	71

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145	Nutrient Availability Regulates SIRT1 Through a Forkhead-Dependent Pathway. Science, 2004, 306, 2105-2108.	6.0	628
146	Circulation Research Editorsâ€™ Yearly Report: 2003. Circulation Research, 2004, 94, 129-131.	2.0	0
147	Circulating Endothelial Progenitor Cells, Vascular Function, and Cardiovascular Risk. New England Journal of Medicine, 2003, 348, 593-600.	13.9	3,249
148	Oxidant signals and oxidative stress. Current Opinion in Cell Biology, 2003, 15, 247-254.	2.6	1,265
149	A toast to long life. Nature, 2003, 425, 132-133.	13.7	25
150	Uncoupling the agony from ecstasy. Nature, 2003, 426, 403-404.	13.7	133
151	Neutrophils with a License to Kill. Developmental Cell, 2003, 4, 146-148.	3.1	9
152	Circulation Research Editorsâ€™ Yearly Report: 2002. Circulation Research, 2003, 92, 121-123.	2.0	0
153	Identification of a Specific Molecular Repressor of the Peroxisome Proliferator-activated Receptor Î³ Coactivator-1 Î± (PGC-1Î±). Journal of Biological Chemistry, 2002, 277, 50991-50995.	1.6	131
154	Regulation of Cellular Oncosis by Uncoupling Protein 2. Journal of Biological Chemistry, 2002, 277, 27385-27392.	1.6	101
155	Detection and Affinity Purification of Oxidant-Sensitive Proteins Using Biotinylated Glutathione Ethyl Ester. Methods in Enzymology, 2002, 353, 101-113.	0.4	21
156	Redox Regulation of Cdc25C. Journal of Biological Chemistry, 2002, 277, 20535-20540.	1.6	194
157	Redox Regulation of Forkhead Proteins Through a p66shc-Dependent Signaling Pathway. Science, 2002, 295, 2450-2452.	6.0	794
158	A role for mitochondria as potential regulators of cellular life span. Biochemical and Biophysical Research Communications, 2002, 294, 245-248.	1.0	68
159	Regulation of the Werner helicase through a direct interaction with a subunit of protein kinase A. FEBS Letters, 2002, 521, 170-174.	1.3	11
160	Oxidants Painting the Cysteine Chapel. Developmental Cell, 2002, 2, 251-252.	3.1	146
161	<i> Circulation Research </i> Editorsâ€™ Yearly Report: 2001. Circulation Research, 2002, 90, 115-117.	2.0	1
162	Ras Regulates NFAT3 Activity in Cardiac Myocytes. Journal of Biological Chemistry, 2001, 276, 3524-3530.	1.6	83

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163	Expression of Rho GTPases using adenovirus vectors. Methods in Enzymology, 2000, 325, 303-314.	0.4	3
164	Oxidants, oxidative stress and the biology of ageing. Nature, 2000, 408, 239-247.	13.7	7,920
165	<i>Circulation Research</i> Editorsâ€™ Yearly Report: 1999â€“2000. Circulation Research, 2000, 87, 261-263.	2.0	1
166	Vascular Effects Following Homozygous Disruption of p47 ^{phox}. Circulation, 2000, 101, 1234-1236.	1.6	152
167	Under New Management. Circulation Research, 2000, 86, 111-113.	2.0	1
168	Role for Mitochondrial Oxidants as Regulators of Cellular Metabolism. Molecular and Cellular Biology, 2000, 20, 7311-7318.	1.1	360
169	Homocysteine accelerates endothelial cell senescence. FEBS Letters, 2000, 470, 20-24.	1.3	184
170	Redox-dependent signal transduction. FEBS Letters, 2000, 476, 52-54.	1.3	503
171	Identification of Oxidant-Sensitive Proteins:â€‰ TNF-Î± Induces Protein Glutathiolation. Biochemistry, 2000, 39, 11121-11128.	1.2	212
172	Cytomegalovirus Infection of Rats Increases the Neointimal Response to Vascular Injury Without Consistent Evidence of Direct Infection of the Vascular Wall. Circulation, 1999, 100, 1569-1575.	1.6	79
173	A Role for Reactive Oxygen Species in Endothelial Cell Anoikis. Circulation Research, 1999, 85, 304-310.	2.0	173
174	Thinking Globally, Acting Locally. Circulation Research, 1999, 84, 1471-1472.	2.0	7
175	The Actin Cytoskeleton Reorganization Induced by Rac1 Requires the Production of Superoxide. Antioxidants and Redox Signaling, 1999, 1, 29-43.	2.5	82
176	Ras Proteins Induce Senescence by Altering the Intracellular Levels of Reactive Oxygen Species. Journal of Biological Chemistry, 1999, 274, 7936-7940.	1.6	585
177	Effects of Human Cytomegalovirus Immediate-Early Proteins on p53-mediated Apoptosis in Coronary Artery Smooth Muscle Cells. Circulation, 1999, 99, 1656-1659.	1.6	128
178	VEGF Stimulates MAPK through a Pathway That Is Unique for Receptor Tyrosine Kinases. Biochemical and Biophysical Research Communications, 1999, 255, 545-548.	1.0	95
179	Regulation of Endothelial Cell Adherens Junctions by a Ras-Dependent Signal Transduction Pathway. Biochemical and Biophysical Research Communications, 1999, 260, 371-376.	1.0	5
180	Signal transduction by reactive oxygen species in non-phagocytic cells. Journal of Leukocyte Biology, 1999, 65, 337-340.	1.5	236

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181	Myocyte hypertrophy: the long and winding RhoAâ€™d. Journal of Clinical Investigation, 1999, 103, 1619-1620.	3.9	17
182	Oxygen radicals and signaling. Current Opinion in Cell Biology, 1998, 10, 248-253.	2.6	1,047
183	Bcl-2 Regulates Nonapoptotic Signal Transduction: Inhibition of c-Jun N-terminal Kinase (JNK) Activation by IL-1Î² and Hydrogen Peroxide. Molecular Genetics and Metabolism, 1998, 64, 19-24.	0.5	23
184	Expression of Id1 Results in Apoptosis of Cardiac Myocytes through a Redox-dependent Mechanism. Journal of Biological Chemistry, 1998, 273, 25922-25928.	1.6	54
185	Regulation of endothelial cell adhesion by profilin. Current Biology, 1997, 7, 24-30.	1.8	44
186	Inhibition of Vascular Smooth Muscle Cell Proliferation and Neointimal Accumulation by Adenovirus-Mediated Gene Transfer of Cytosine Deaminase. Circulation, 1997, 96, 621-627.	1.6	49
187	Superoxide-mediated Actin Response in Post-hypoxic Endothelial Cells. Journal of Biological Chemistry, 1996, 271, 26863-26867.	1.6	88
188	Association between Prior Cytomegalovirus Infection and the Risk of Restenosis after Coronary Atherectomy. New England Journal of Medicine, 1996, 335, 624-630.	13.9	444
189	Gene therapy for vascular disease. FASEB Journal, 1995, 9, 843-851.	0.2	49
190	The basis of molecular strategies for treating coronary restenosis after angioplasty. Journal of the American College of Cardiology, 1994, 23, 1278-1288.	1.2	81
191	Biological and biochemical properties of human rasH genes mutated at codon 61. Cell, 1986, 44, 167-176.	13.5	528
192	Activation of ras genes in human tumors does not affect localization, modification, or nucleotide binding properties of p21. Cell, 1984, 37, 151-158.	13.5	147
193	Detection of a molecular complex between ras proteins and transferrin receptor. Cell, 1984, 36, 1115-1121.	13.5	38
194	Fertilization in the sea urchin arbacia punctulata inhibited by fluorescein dyes: Evidence for a plasma membrane mechanism. Gamete Research, 1981, 4, 219-229.	1.7	5
195	Membrane potential, pH and the activation of surf clam oocytes. Gamete Research, 1980, 3, 299-304.	1.7	42