

Trygve O Tollefsbol

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.

170
papers

7,555
citations

52
h-index

83
g-index

182
ext. papers

8,427
ext. citations

4.6
avg, IF

6.56
L-index

#	Paper	IF	Citations
170	Perspectives and future directions of translational epigenetics in personalized and precision medicine 2022 , 1-18		
169	Gut Microbiota-Derived Epigenetic Alterations During Onset of Diseases 2022 , 223-223		
168	An integrated analysis of the effects of maternal broccoli sprouts exposure on transcriptome and methylome in prevention of offspring mammary cancer.. <i>PLoS ONE</i> , 2022 , 17, e0264858	3.7	
167	Combinatorial epigenetic mechanisms of sulforaphane, genistein and sodium butyrate in breast cancer inhibition.. <i>Experimental Cell Research</i> , 2022 , 416, 113160	4.2	2
166	Systematic integrated analyses of methylomic and transcriptomic impacts of early combined botanicals on estrogen receptor-negative mammary cancer. <i>Scientific Reports</i> , 2021 , 11, 9481	4.9	1
165	Association of high-sensitivity C-reactive protein and odds of breast cancer by molecular subtype: analysis of the MEND study. <i>Oncotarget</i> , 2021 , 12, 1230-1242	3.3	1
164	Targeting cancer epigenetics with CRISPR-dCAS9: Principles and prospects. <i>Methods</i> , 2021 , 187, 77-91	4.6	6
163	Computational methods and next-generation sequencing approaches to analyze epigenetics data: Profiling of methods and applications. <i>Methods</i> , 2021 , 187, 92-103	4.6	12
162	DNA methylation methods: Global DNA methylation and methylomic analyses. <i>Methods</i> , 2021 , 187, 28-43	4.6	13
161	Combined Broccoli Sprouts and Green Tea Polyphenols Contribute to the Prevention of Estrogen Receptor-Negative Mammary Cancer via Cell Cycle Arrest and Inducing Apoptosis in HER2/neu Mice. <i>Journal of Nutrition</i> , 2021 , 151, 73-84	4.1	4
160	Advances in medical epigenetics 2021 , 3-8		
159	Outline of epigenetics 2021 , 25-45		
158	Association of Life-Course Educational Attainment and Breast Cancer Grade in the MEND Study. <i>Annals of Global Health</i> , 2021 , 87, 59	3.3	0
157	Maternal Epigenetic Regulation Contributes to Prevention of Estrogen Receptor-negative Mammary Cancer with Broccoli Sprout Consumption. <i>Cancer Prevention Research</i> , 2020 , 13, 449-462	3.2	7
156	Nutritional combinatorial impact on the gut microbiota and plasma short-chain fatty acids levels in the prevention of mammary cancer in Her2/neu estrogen receptor-negative transgenic mice. <i>PLoS ONE</i> , 2020 , 15, e0234893	3.7	5
155	SAHA and EGCG Promote Apoptosis in Triple-negative Breast Cancer Cells, Possibly Through the Modulation of cIAP2. <i>Anticancer Research</i> , 2020 , 40, 9-26	2.3	20
154	Epigenetics methods in biological research 2020 , 3-14		

153	Identification of DNA methylation associated enrichment pathways in adults with non-specific chronic low back pain. <i>Molecular Pain</i> , 2020 , 16, 1744806920972889	3.4	7
152	The Epigenetic Link between Polyphenols, Aging and Age-Related Diseases. <i>Genes</i> , 2020 , 11,	4.2	21
151	Combinatorial Epigenetics Impact of Polyphenols and Phytochemicals in Cancer Prevention and Therapy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	63
150	Generational epigenetic inheritance 2019 , 1-10		
149	Collaborative Molecular Epidemiology Study of Metabolic Dysregulation, DNA Methylation, and Breast Cancer Risk Among Nigerian Women: MEND Study Objectives and Design. <i>Journal of Global Oncology</i> , 2019 , 5, 1-9	2.6	4
148	Prenatal epigenetics diets play protective roles against environmental pollution. <i>Clinical Epigenetics</i> , 2019 , 11, 82	7.7	48
147	Could epigenetics help explain racial disparities in chronic pain?. <i>Journal of Pain Research</i> , 2019 , 12, 701-710	7.1	28
146	Targeting Telomeres and Telomerase: Studies in Aging and Disease Utilizing CRISPR/Cas9 Technology. <i>Cells</i> , 2019 , 8,	7.9	12
145	The Epigenetic Connection Between the Gut Microbiome in Obesity and Diabetes. <i>Frontiers in Genetics</i> , 2019 , 10, 1329	4.5	50
144	MicroRNAs and Epigenetics Strategies to Reverse Breast Cancer. <i>Cells</i> , 2019 , 8,	7.9	45
143	Transforming Cancer Epigenetics Using Nutritive Approaches and Noncoding RNAs. <i>Current Cancer Drug Targets</i> , 2018 , 18, 32-38	2.8	3
142	The Role of Non-Coding RNAs and Isothiocyanates in Cancer. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1700913	5.9	10
141	Withaferin A and sulforaphane regulate breast cancer cell cycle progression through epigenetic mechanisms. <i>Experimental Cell Research</i> , 2018 , 368, 67-74	4.2	52
140	Combinational Proanthocyanidins and Resveratrol Synergistically Inhibit Human Breast Cancer Cells and Impact Epigenetic-Mediating Machinery. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	36
139	The Effects of Combinatorial Genistein and Sulforaphane in Breast Tumor Inhibition: Role in Epigenetic Regulation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	51
138	Mechanisms for the Inhibition of Colon Cancer Cells by Sulforaphane through Epigenetic Modulation of MicroRNA-21 and Human Telomerase Reverse Transcriptase (hTERT) Down-regulation. <i>Current Cancer Drug Targets</i> , 2018 , 18, 97-106	2.8	59
137	Effects of SAHA and EGCG on Growth Potentiation of Triple-Negative Breast Cancer Cells. <i>Cancers</i> , 2018 , 11,	6.6	42
136	Pterostilbene down-regulates hTERT at physiological concentrations in breast cancer cells: Potentially through the inhibition of cMyc. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 3326-3337	4.7	15

135	Temporal Efficacy of a Sulforaphane-Based Broccoli Sprout Diet in Prevention of Breast Cancer through Modulation of Epigenetic Mechanisms. <i>Cancer Prevention Research</i> , 2018 , 11, 451-464	3.2	26
134	Epigenetic Approaches to Cancer Therapy 2018 , 219-247		2
133	Epigenetics of Human Disease 2018 , 3-10		4
132	An Overview of Epigenetics 2017 , 1-6		3
131	Combinatorial bioactive botanicals re-sensitize tamoxifen treatment in ER-negative breast cancer via epigenetic reactivation of ER expression. <i>Scientific Reports</i> , 2017 , 7, 9345	4.9	45
130	DNA and Histone Methylation in Epigenetics. <i>Cancer Drug Discovery and Development</i> , 2017 , 1-15	0.3	
129	The influence of an epigenetics diet on the cancer epigenome. <i>Epigenomics</i> , 2017 , 9, 1153-1155	4.4	14
128	Epigenetic biomarkers: Current strategies and future challenges for their use in the clinical laboratory. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017 , 54, 529-550	9.4	68
127	A Novel Combination of Withaferin A and Sulforaphane Inhibits Epigenetic Machinery, Cellular Viability and Induces Apoptosis of Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	50
126	Impact of genistein on the gut microbiome of humanized mice and its role in breast tumor inhibition. <i>PLoS ONE</i> , 2017 , 12, e0189756	3.7	39
125	Age-related epigenetic drift and phenotypic plasticity loss: implications in prevention of age-related human diseases. <i>Epigenomics</i> , 2016 , 8, 1637-1651	4.4	30
124	Down-regulation of hTERT and Cyclin D1 transcription via PI3K/Akt and TGF- β pathways in MCF-7 Cancer cells with PX-866 and Raloxifene. <i>Experimental Cell Research</i> , 2016 , 344, 95-102	4.2	11
123	Epigenetic Biomarkers 2016 , 1-18		6
122	Regulation of the Telomerase Reverse Transcriptase Subunit through Epigenetic Mechanisms. <i>Frontiers in Genetics</i> , 2016 , 7, 83	4.5	56
121	A Novel Combinatorial Epigenetic Therapy Using Resveratrol and Pterostilbene for Restoring Estrogen Receptor- α Expression in ER-Negative Breast Cancer Cells. <i>PLoS ONE</i> , 2016 , 11, e0155057	3.7	57
120	Combinatorial PX-866 and Raloxifene Decrease Rb Phosphorylation, Cyclin E2 Transcription, and Proliferation of MCF-7 Breast Cancer Cells. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 1688-96	4.7	4
119	Combinatorial epigenetic mechanisms and efficacy of early breast cancer inhibition by nutritive botanicals. <i>Epigenomics</i> , 2016 , 8, 1019-37	4.4	26
118	The Epigenetic Impact of Cruciferous Vegetables on Cancer Prevention. <i>Current Pharmacology Reports</i> , 2015 , 1, 46-51	5.5	58

117	Epigenetic reactivation of p21CIP1/WAF1 and KLOTHO by a combination of bioactive dietary supplements is partially ER-dependent in ER-negative human breast cancer cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 406, 102-14	4.4	41
116	Influences of diet and the gut microbiome on epigenetic modulation in cancer and other diseases. <i>Clinical Epigenetics</i> , 2015 , 7, 112	7.7	172
115	Impact of Nutrition on Non-Coding RNA Epigenetics in Breast and Gynecological Cancer. <i>Frontiers in Nutrition</i> , 2015 , 2, 16	6.2	17
114	Epigenetics of Personalized Medicine 2015 , 3-13		1
113	Epigenetic-based combinatorial resveratrol and pterostilbene alters DNA damage response by affecting SIRT1 and DNMT enzyme expression, including SIRT1-dependent γ H2AX and telomerase regulation in triple-negative breast cancer. <i>BMC Cancer</i> , 2015 , 15, 672	4.8	106
112	Epigenetic linkage of aging, cancer and nutrition. <i>Journal of Experimental Biology</i> , 2015 , 218, 59-70	3	108
111	Impact of Epigenetic Dietary Components on Cancer through Histone Modifications. <i>Current Medicinal Chemistry</i> , 2015 , 22, 2051-64	4.3	41
110	Epigenetic Regulation of Epidermal Stem Cell Biomarkers and Their Role in Wound Healing. <i>International Journal of Molecular Sciences</i> , 2015 , 17,	6.3	15
109	Dietary epigenetics in cancer and aging. <i>Cancer Treatment and Research</i> , 2014 , 159, 257-67	3.5	44
108	Pathway modulations and epigenetic alterations in ovarian tumorigenesis. <i>Journal of Cellular Physiology</i> , 2014 , 229, 393-406	7	10
107	Impact of epigenetic dietary compounds on transgenerational prevention of human diseases. <i>AAPS Journal</i> , 2014 , 16, 27-36	3.7	49
106	Outline of Epigenetics 2014 , 27-44		5
105	Molecular mechanisms for inhibition of colon cancer cells by combined epigenetic-modulating epigallocatechin gallate and sodium butyrate. <i>Experimental Cell Research</i> , 2014 , 324, 40-53	4.2	94
104	Transgenerational Epigenetics 2014 , 1-8		10
103	Aging and energetics' 'Top 40' future research opportunities 2010-2013. <i>F1000Research</i> , 2014 , 3, 219	3.6	14
102	MicroRNAs: an emerging science in cancer epigenetics. <i>Journal of Clinical Bioinformatics</i> , 2013 , 3, 6		69
101	Analysis of biomarkers of caloric restriction in aging cells. <i>Methods in Molecular Biology</i> , 2013 , 1048, 19-29.		4
100	Epigenetic reactivation of estrogen receptor- α (ER α) by genistein enhances hormonal therapy sensitivity in ER-negative breast cancer. <i>Molecular Cancer</i> , 2013 , 12, 9	42.1	127

99	Epigallocatechin gallate and sulforaphane combination treatment induce apoptosis in paclitaxel-resistant ovarian cancer cells through hTERT and Bcl-2 down-regulation. <i>Experimental Cell Research</i> , 2013 , 319, 697-706	4.2	87
98	Real-time methylomic aberrations during initiation and progression of induced human mammary epithelial cell tumorigenesis. <i>Epigenomics</i> , 2013 , 5, 155-65	4.4	3
97	Epigenetic Modifications by Dietary Phytochemicals in Cancer Prevention 2013 , 577-588		
96	Enhancement of Cisplatin-Mediated Apoptosis in Ovarian Cancer Cells through Potentiating G2/M Arrest and p21 Upregulation by Combinatorial Epigallocatechin Gallate and Sulforaphane. <i>Journal of Oncology</i> , 2013 , 2013, 872957	4.5	53
95	Medicinal chemistry of the epigenetic diet and caloric restriction. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4050-9	4.3	62
94	Epigenetic regulation of multiple tumor-related genes leads to suppression of breast tumorigenesis by dietary genistein. <i>PLoS ONE</i> , 2013 , 8, e54369	3.7	63
93	Genetics and Epigenetics of Lung Cancer: Mechanisms and Future Perspectives. <i>Current Cancer Therapy Reviews</i> , 2013 , 9, 97-110	0.4	9
92	Cell senescence culturing methods. <i>Methods in Molecular Biology</i> , 2013 , 1048, 1-10	1.4	27
91	Mitochondrial regulation of epigenetics and its role in human diseases. <i>Epigenetics</i> , 2012 , 7, 326-34	5.7	105
90	Regulation of the human catalytic subunit of telomerase (hTERT). <i>Gene</i> , 2012 , 498, 135-46	3.8	192
89	Epigenetics of Human Disease 2012 , 1-6		13
88	Bioactive dietary supplements reactivate ER expression in ER-negative breast cancer cells by active chromatin modifications. <i>PLoS ONE</i> , 2012 , 7, e37748	3.7	85
87	The role of nutraceuticals in chemoprevention and chemotherapy and their clinical outcomes. <i>Journal of Oncology</i> , 2012 , 2012, 192464	4.5	35
86	Epigenetic Approaches to Cancer Therapy 2012 , 111-125		1
85	Epigenetics: The New Science of Genetics 2011 , 1-6		6
84	Advances in epigenetic technology. <i>Methods in Molecular Biology</i> , 2011 , 791, 1-10	1.4	21
83	DNA methylation detection: bisulfite genomic sequencing analysis. <i>Methods in Molecular Biology</i> , 2011 , 791, 11-21	1.4	155
82	Epigenomics of ovarian cancer and its chemoprevention. <i>Frontiers in Genetics</i> , 2011 , 2, 67	4.5	29

81	Epigenetic diet: impact on the epigenome and cancer. <i>Epigenomics</i> , 2011 , 3, 503-18	4.4	253
80	The transposon-driven evolutionary origin and basis of histone deacetylase functions and limitations in disease prevention. <i>Clinical Epigenetics</i> , 2011 , 2, 97-112	7.7	1
79	Insufficient DNA methylation affects healthy aging and promotes age-related health problems. <i>Clinical Epigenetics</i> , 2011 , 2, 349-60	7.7	57
78	Epigenetic regulation of caloric restriction in aging. <i>BMC Medicine</i> , 2011 , 9, 98	11.4	127
77	2D difference gel electrophoresis analysis of different time points during the course of neoplastic transformation of human mammary epithelial cells. <i>Journal of Proteome Research</i> , 2011 , 10, 447-58	5.6	16
76	A novel prodrug of epigallocatechin-3-gallate: differential epigenetic hTERT repression in human breast cancer cells. <i>Cancer Prevention Research</i> , 2011 , 4, 1243-54	3.2	107
75	Epigenetic regulation of thy-1 by histone deacetylase inhibitor in rat lung fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 16-23	5.7	86
74	Aberrant DNA hypermethylation patterns lead to transcriptional silencing of tumor suppressor genes in UVB-exposed skin and UVB-induced skin tumors of mice. <i>Carcinogenesis</i> , 2011 , 32, 597-604	4.6	76
73	p16(INK4a) suppression by glucose restriction contributes to human cellular lifespan extension through SIRT1-mediated epigenetic and genetic mechanisms. <i>PLoS ONE</i> , 2011 , 6, e17421	3.7	60
72	Combined chromatin immunoprecipitation and bisulfite methylation sequencing analysis. <i>Methods in Molecular Biology</i> , 2011 , 791, 239-51	1.4	11
71	Polyphenols and aging. <i>Current Aging Science</i> , 2010 , 3, 34-42	2.2	129
70	Sulforaphane causes epigenetic repression of hTERT expression in human breast cancer cell lines. <i>PLoS ONE</i> , 2010 , 5, e11457	3.7	275
69	Synergistic epigenetic reactivation of estrogen receptor- α (ER α) by combined green tea polyphenol and histone deacetylase inhibitor in ER α -negative breast cancer cells. <i>Molecular Cancer</i> , 2010 , 9, 274	42.1	144
68	Glucose restriction can extend normal cell lifespan and impair precancerous cell growth through epigenetic control of hTERT and p16 expression. <i>FASEB Journal</i> , 2010 , 24, 1442-53	0.9	99
67	Epigenetic targets of bioactive dietary components for cancer prevention and therapy. <i>Clinical Epigenetics</i> , 2010 , 1, 101-116	7.7	169
66	Role of Epigenetics in Age-Related Long-Term Memory Loss 2010 , 275-281		
65	Dietary Effect on Epigenetics During the Aging Process 2010 , 407-416		2
64	Environmental Effects on Age-Associated Epigenetics 2010 , 417-429		

63 Epigenetics and the Aging Process **2010**, 1-862 Telomerase Control by Epigenetic Processes in Cellular Senescence **2010**, 191-204

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61 Genistein depletes telomerase activity through cross-talk between genetic and epigenetic mechanisms. *International Journal of Cancer*, **2009**, 125, 286-96

7.5 158

60 Strategies targeting telomerase inhibition. *Molecular Biotechnology*, **2009**, 41, 194-9

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59 Differential expression of epigenetic modulators during human embryonic stem cell differentiation. *Molecular Biotechnology*, **2009**, 41, 201-7

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58 DNA methylation impacts on learning and memory in aging. *Neurobiology of Aging*, **2009**, 30, 549-60

5.6 108

57 Epigenetic modifications of the Estrogen receptor beta gene in epithelial ovarian cancer cells. *Anticancer Research*, **2009**, 29, 139-44

2.3 36

56 Retinoid-induced histone deacetylation inhibits telomerase activity in estrogen receptor-negative breast cancer cells. *Anticancer Research*, **2009**, 29, 4959-64

2.3 16

55 EGCG inhibits mammary cancer cell migration through inhibition of nitric oxide synthase and guanylate cyclase. *Biochemical and Biophysical Research Communications*, **2008**, 375, 162-7

3.4 44

54 The Novel Retinoid, 9cUAB30, Inhibits Telomerase and Induces Apoptosis in HL60 Cells. *Translational Oncology*, **2008**, 1, 148-52

4.9 12

53 Thy-1 promoter hypermethylation: a novel epigenetic pathogenic mechanism in pulmonary fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2008**, 39, 610-8

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52 Epigenetic regulation of telomerase in retinoid-induced differentiation of human leukemia cells **2008**,

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51 An overview of epigenetic assays. *Molecular Biotechnology*, **2008**, 38, 179-83

3 40

50 Epigenetic and genetic mechanisms contribute to telomerase inhibition by EGCG. *Journal of Cellular Biochemistry*, **2008**, 103, 509-19

4.7 170

49 Role of Epigenetics in Cancer **2008**, 1-4

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48 Gene-environment interactions and epigenetic basis of human diseases. *Current Issues in Molecular Biology*, **2008**, 10, 25-36

2.9 142

47 Epigenetic regulation of telomerase in retinoid-induced differentiation of human leukemia cells. *International Journal of Oncology*, **2008**, 32, 625-31

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46 DNA Hypermethylation and Oncogenesis **2008**, 39-49

45	Retrovirus-mediated RNA interference. Targeting hTERT through stable expression of short-hairpin RNA. <i>Methods in Molecular Biology</i> , 2007 , 405, 39-46	1.4	4
44	Evidence of extra-telomeric effects of hTERT and its regulation involving a feedback loop. <i>Experimental Cell Research</i> , 2007 , 313, 322-30	4.2	34
43	The low-toxicity 9-cis UAB30 novel retinoid down-regulates the DNA methyltransferases and has anti-telomerase activity in human breast cancer cells 2007 , 30, 641		1
42	The low-toxicity 9-cis UAB30 novel retinoid down-regulates the DNA methyltransferases and has anti-telomerase activity in human breast cancer cells. <i>International Journal of Oncology</i> , 2007 , 30, 641-50 ¹		10
41	Techniques for analysis of biological aging. <i>Methods in Molecular Biology</i> , 2007 , 371, 1-7	1.4	4
40	A method to detect DNA methyltransferase I gene transcription in vitro in aging systems. <i>Methods in Molecular Biology</i> , 2007 , 371, 73-80	1.4	5
39	A method to study the expression of DNA methyltransferases in aging systems in vitro. <i>Methods in Molecular Biology</i> , 2007 , 371, 81-7	1.4	5
38	Methods of telomerase inhibition. <i>Methods in Molecular Biology</i> , 2007 , 405, 1-7	1.4	10
37	hTERT knockdown in human embryonic kidney cells using double-stranded RNA. <i>Methods in Molecular Biology</i> , 2007 , 405, 23-9	1.4	4
36	RNA interference using a plasmid construct expressing short-hairpin RNA. <i>Methods in Molecular Biology</i> , 2007 , 405, 31-7	1.4	11
35	Epigenetic control of telomerase and modes of telomere maintenance in aging and abnormal systems. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 1779-96	2.8	39
34	The impact of metabolism on DNA methylation. <i>Human Molecular Genetics</i> , 2005 , 14 Spec No 1, R139-47	5.6	225
33	EGCG down-regulates telomerase in human breast carcinoma MCF-7 cells, leading to suppression of cell viability and induction of apoptosis 2004 , 24, 703		19
32	Methods of epigenetic analysis. <i>Methods in Molecular Biology</i> , 2004 , 287, 1-8	1.4	11
31	Epigenetic regulation of human telomerase reverse transcriptase promoter activity during cellular differentiation. <i>Genes Chromosomes and Cancer</i> , 2004 , 41, 26-37	5	53
30	Genetic and epigenetic modulation of telomerase activity in development and disease. <i>Gene</i> , 2004 , 340, 1-10	3.8	97
29	Novel Approaches for RNA Interference and their Application in Cancer Therapy. <i>Current Pharmacogenomics and Personalized Medicine: the International Journal for Expert Reviews in Pharmacogenomics</i> , 2004 , 2, 313-324		3
28	EGCG down-regulates telomerase in human breast carcinoma MCF-7 cells, leading to suppression of cell viability and induction of apoptosis. <i>International Journal of Oncology</i> , 2004 , 24, 703-10	1	43

27	Telomerase inhibition by retinoids precedes cytodifferentiation of leukemia cells and may contribute to terminal differentiation. <i>Molecular Cancer Therapeutics</i> , 2004 , 3, 1003-9	6.1	27
26	Telomerase, telomerase inhibition, and cancer. <i>Rejuvenation Research</i> , 2003 , 6, 315-25		27
25	Transcriptional control of the DNA methyltransferases is altered in aging and neoplastically-transformed human fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 2003 , 252, 33-43	4.2	149
24	Aging, cancer and nutrition: the DNA methylation connection. <i>Mechanisms of Ageing and Development</i> , 2003 , 124, 989-98	5.6	140
23	Analysis of telomerase activity and detection of its catalytic subunit, hTERT. <i>Analytical Biochemistry</i> , 2003 , 315, 1-21	3.1	67
22	Telomeres, telomerase, and telomerase inhibition: clinical implications for cancer. <i>Journal of the American Geriatrics Society</i> , 2003 , 51, 116-22	5.6	27
21	Assessment of telomere length and factors that contribute to its stability. <i>FEBS Journal</i> , 2003 , 270, 389-403		45
20	Control mechanisms in the regulation of telomerase reverse transcriptase expression in differentiating human teratocarcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 306, 650-9	3.4	67
19	Induction of endogenous telomerase (hTERT) by c-Myc in WI-38 fibroblasts transformed with specific genetic elements. <i>Gene</i> , 2003 , 316, 57-65	3.8	53
18	Differential maintenance and de novo methylating activity by three DNA methyltransferases in aging and immortalized fibroblasts. <i>Journal of Cellular Biochemistry</i> , 2002 , 84, 324-34	4.7	140
17	Telomeres and telomerase: basic science implications for aging. <i>Journal of the American Geriatrics Society</i> , 2001 , 49, 1105-9	5.6	62
16	Activity, function, and gene regulation of the catalytic subunit of telomerase (hTERT). <i>Gene</i> , 2001 , 269, 1-12	3.8	226
15	Analysis in Escherichia coli of the effects of in vivo CpG methylation catalyzed by the cloned murine maintenance methyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 245, 670-8	3.4	8
14	Control of methylation spreading in synthetic DNA sequences by the murine DNA methyltransferase. <i>Journal of Molecular Biology</i> , 1997 , 269, 494-504	6.5	56
13	Mammalian DNA (cytosine-5-)-methyltransferase expressed in Escherichia coli, purified and characterized. <i>Journal of Biological Chemistry</i> , 1995 , 270, 18543-50	5.4	39
12	The protein synthetic surge in response to mitogen triggers high glycolytic enzyme levels in human lymphocytes and occurs prior to DNA synthesis. <i>Biochemical Medicine and Metabolic Biology</i> , 1990 , 44, 282-91		7
11	Role of protein molecular and metabolic aberrations in aging, in the physiologic decline of the aged, and in age-associated diseases. <i>Journal of the American Geriatrics Society</i> , 1986 , 34, 282-94	5.6	19
10	Expression of intracellular biochemical defects of lymphocytes in aging: proposal of a general aging mechanism which is not cell-specific. <i>Experimental Gerontology</i> , 1986 , 21, 129-48	4.5	19

9	Culture kinetics of glycolytic enzyme induction, glucose utilization, and thymidine incorporation of extended-exposure phytohemagglutinin-stimulated human lymphocytes. <i>Journal of Cellular Physiology</i> , 1985 , 122, 98-104	7	23
8	Carbohydrate metabolism in transforming lymphocytes from the aged. <i>Journal of Cellular Physiology</i> , 1985 , 123, 417-24	7	19
7	Decreased protein synthesis of transforming lymphocytes from aged humans: relationship to impaired mitogenesis with age. <i>Mechanisms of Ageing and Development</i> , 1985 , 30, 53-62	5.6	18
6	Werner's syndrome: An underdiagnosed disorder resembling premature aging 1984 , 7, 75-88		75
5	Premature Aging Diseases: Cellular and Molecular Changes. <i>BioScience</i> , 1983 , 33, 634-639	5.7	18
4	Increased lability of triosephosphate isomerase in progeria and Werner's syndrome fibroblasts. <i>Mechanisms of Ageing and Development</i> , 1982 , 20, 93-101	5.6	26
3	Impaired glycolysis of human lymphocytes during aging. <i>Mechanisms of Ageing and Development</i> , 1981 , 17, 369-79	5.6	18
2	Potential of Resveratrol in Inhibiting Cancer and Slowing Aging. <i>Journal of Nutrition & Food Sciences</i> , 5,	0.5	8
1	Nutritional combinatorial impact on the gut microbiota and plasma short-chain fatty acids levels in the prevention of mammary cancer in Her2/neu estrogen receptor-negative transgenic mice		3