

# Trygve O Tollefsbol

## List of Publications by Citations

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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	Sulforaphane causes epigenetic repression of hTERT expression in human breast cancer cell lines. <i>PLoS ONE</i> , <b>2010</b> , 5, e11457	3.7	275
169	Epigenetic diet: impact on the epigenome and cancer. <i>Epigenomics</i> , <b>2011</b> , 3, 503-18	4.4	253
168	Activity, function, and gene regulation of the catalytic subunit of telomerase (hTERT). <i>Gene</i> , <b>2001</b> , 269, 1-12	3.8	226
167	The impact of metabolism on DNA methylation. <i>Human Molecular Genetics</i> , <b>2005</b> , 14 Spec No 1, R139-47	5.6	225
166	Regulation of the human catalytic subunit of telomerase (hTERT). <i>Gene</i> , <b>2012</b> , 498, 135-46	3.8	192
165	Thy-1 promoter hypermethylation: a novel epigenetic pathogenic mechanism in pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2008</b> , 39, 610-8	5.7	183
164	Influences of diet and the gut microbiome on epigenetic modulation in cancer and other diseases. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 112	7.7	172
163	Epigenetic and genetic mechanisms contribute to telomerase inhibition by EGCG. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 103, 509-19	4.7	170
162	Epigenetic targets of bioactive dietary components for cancer prevention and therapy. <i>Clinical Epigenetics</i> , <b>2010</b> , 1, 101-116	7.7	169
161	Genistein depletes telomerase activity through cross-talk between genetic and epigenetic mechanisms. <i>International Journal of Cancer</i> , <b>2009</b> , 125, 286-96	7.5	158
160	DNA methylation detection: bisulfite genomic sequencing analysis. <i>Methods in Molecular Biology</i> , <b>2011</b> , 791, 11-21	1.4	155
159	Transcriptional control of the DNA methyltransferases is altered in aging and neoplastically-transformed human fibroblasts. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 252, 33-43	4.2	149
158	Synergistic epigenetic reactivation of estrogen receptor- $\alpha$ by combined green tea polyphenol and histone deacetylase inhibitor in ER $\alpha$ -negative breast cancer cells. <i>Molecular Cancer</i> , <b>2010</b> , 9, 274	42.1	144
157	Gene-environment interactions and epigenetic basis of human diseases. <i>Current Issues in Molecular Biology</i> , <b>2008</b> , 10, 25-36	2.9	142
156	Differential maintenance and de novo methylating activity by three DNA methyltransferases in aging and immortalized fibroblasts. <i>Journal of Cellular Biochemistry</i> , <b>2002</b> , 84, 324-34	4.7	140
155	Aging, cancer and nutrition: the DNA methylation connection. <i>Mechanisms of Ageing and Development</i> , <b>2003</b> , 124, 989-98	5.6	140
154	Polyphenols and aging. <i>Current Aging Science</i> , <b>2010</b> , 3, 34-42	2.2	129

153	Epigenetic reactivation of estrogen receptor- $\alpha$ (ER $\alpha$ ) by genistein enhances hormonal therapy sensitivity in ER $\alpha$ -negative breast cancer. <i>Molecular Cancer</i> , <b>2013</b> , 12, 9	42.1	127
152	Epigenetic regulation of caloric restriction in aging. <i>BMC Medicine</i> , <b>2011</b> , 9, 98	11.4	127
151	Epigenetic linkage of aging, cancer and nutrition. <i>Journal of Experimental Biology</i> , <b>2015</b> , 218, 59-70	3	108
150	DNA methylation impacts on learning and memory in aging. <i>Neurobiology of Aging</i> , <b>2009</b> , 30, 549-60	5.6	108
149	A novel prodrug of epigallocatechin-3-gallate: differential epigenetic hTERT repression in human breast cancer cells. <i>Cancer Prevention Research</i> , <b>2011</b> , 4, 1243-54	3.2	107
148	Epigenetic-based combinatorial resveratrol and pterostilbene alters DNA damage response by affecting SIRT1 and DNMT enzyme expression, including SIRT1-dependent $\gamma$ H2AX and telomerase regulation in triple-negative breast cancer. <i>BMC Cancer</i> , <b>2015</b> , 15, 672	4.8	106
147	Mitochondrial regulation of epigenetics and its role in human diseases. <i>Epigenetics</i> , <b>2012</b> , 7, 326-34	5.7	105
146	Glucose restriction can extend normal cell lifespan and impair precancerous cell growth through epigenetic control of hTERT and p16 expression. <i>FASEB Journal</i> , <b>2010</b> , 24, 1442-53	0.9	99
145	Genetic and epigenetic modulation of telomerase activity in development and disease. <i>Gene</i> , <b>2004</b> , 340, 1-10	3.8	97
144	Molecular mechanisms for inhibition of colon cancer cells by combined epigenetic-modulating epigallocatechin gallate and sodium butyrate. <i>Experimental Cell Research</i> , <b>2014</b> , 324, 40-53	4.2	94
143	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> , <b>2013</b> , 319, 697-706	4.2	87
142	Epigenetic regulation of thy-1 by histone deacetylase inhibitor in rat lung fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 16-23	5.7	86
141	Bioactive dietary supplements reactivate ER expression in ER-negative breast cancer cells by active chromatin modifications. <i>PLoS ONE</i> , <b>2012</b> , 7, e37748	3.7	85
140	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> , <b>2011</b> , 32, 597-604	4.6	76
139	Werner's syndrome: An underdiagnosed disorder resembling premature aging <b>1984</b> , 7, 75-88		75
138	MicroRNAs: an emerging science in cancer epigenetics. <i>Journal of Clinical Bioinformatics</i> , <b>2013</b> , 3, 6		69
137	Epigenetic biomarkers: Current strategies and future challenges for their use in the clinical laboratory. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2017</b> , 54, 529-550	9.4	68
136	Analysis of telomerase activity and detection of its catalytic subunit, hTERT. <i>Analytical Biochemistry</i> , <b>2003</b> , 315, 1-21	3.1	67

135	Control mechanisms in the regulation of telomerase reverse transcriptase expression in differentiating human teratocarcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 306, 650-9	3.4	67
134	Combinatorial Epigenetics Impact of Polyphenols and Phytochemicals in Cancer Prevention and Therapy. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	63
133	Epigenetic regulation of multiple tumor-related genes leads to suppression of breast tumorigenesis by dietary genistein. <i>PLoS ONE</i> , <b>2013</b> , 8, e54369	3.7	63
132	Medicinal chemistry of the epigenetic diet and caloric restriction. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 4050-9	4.3	62
131	Telomeres and telomerase: basic science implications for aging. <i>Journal of the American Geriatrics Society</i> , <b>2001</b> , 49, 1105-9	5.6	62
130	p16 <sup>INK4a</sup> suppression by glucose restriction contributes to human cellular lifespan extension through SIRT1-mediated epigenetic and genetic mechanisms. <i>PLoS ONE</i> , <b>2011</b> , 6, e17421	3.7	60
129	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> , <b>2018</b> , 18, 97-106	2.8	59
128	The Epigenetic Impact of Cruciferous Vegetables on Cancer Prevention. <i>Current Pharmacology Reports</i> , <b>2015</b> , 1, 46-51	5.5	58
127	Insufficient DNA methylation affects healthy aging and promotes age-related health problems. <i>Clinical Epigenetics</i> , <b>2011</b> , 2, 349-60	7.7	57
126	A Novel Combinatorial Epigenetic Therapy Using Resveratrol and Pterostilbene for Restoring Estrogen Receptor- $\alpha$ Expression in ER $\alpha$ -Negative Breast Cancer Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155057	3.7	57
125	Control of methylation spreading in synthetic DNA sequences by the murine DNA methyltransferase. <i>Journal of Molecular Biology</i> , <b>1997</b> , 269, 494-504	6.5	56
124	Regulation of the Telomerase Reverse Transcriptase Subunit through Epigenetic Mechanisms. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 83	4.5	56
123	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> , <b>2013</b> , 2013, 872957	4.5	53
122	Epigenetic regulation of human telomerase reverse transcriptase promoter activity during cellular differentiation. <i>Genes Chromosomes and Cancer</i> , <b>2004</b> , 41, 26-37	5	53
121	Induction of endogenous telomerase (hTERT) by c-Myc in WI-38 fibroblasts transformed with specific genetic elements. <i>Gene</i> , <b>2003</b> , 316, 57-65	3.8	53
120	Withaferin A and sulforaphane regulate breast cancer cell cycle progression through epigenetic mechanisms. <i>Experimental Cell Research</i> , <b>2018</b> , 368, 67-74	4.2	52
119	Strategies targeting telomerase inhibition. <i>Molecular Biotechnology</i> , <b>2009</b> , 41, 194-9	3	52
118	The Effects of Combinatorial Genistein and Sulforaphane in Breast Tumor Inhibition: Role in Epigenetic Regulation. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	51

117	The Epigenetic Connection Between the Gut Microbiome in Obesity and Diabetes. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1329	4.5	50
116	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> , <b>2017</b> , 18,	6.3	50
115	Impact of epigenetic dietary compounds on transgenerational prevention of human diseases. <i>AAPS Journal</i> , <b>2014</b> , 16, 27-36	3.7	49
114	Prenatal epigenetics diets play protective roles against environmental pollution. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 82	7.7	48
113	MicroRNAs and Epigenetics Strategies to Reverse Breast Cancer. <i>Cells</i> , <b>2019</b> , 8,	7.9	45
112	Combinatorial bioactive botanicals re-sensitize tamoxifen treatment in ER-negative breast cancer via epigenetic reactivation of ER expression. <i>Scientific Reports</i> , <b>2017</b> , 7, 9345	4.9	45
111	Assessment of telomere length and factors that contribute to its stability. <i>FEBS Journal</i> , <b>2003</b> , 270, 389-403		45
110	Dietary epigenetics in cancer and aging. <i>Cancer Treatment and Research</i> , <b>2014</b> , 159, 257-67	3.5	44
109	EGCG inhibits mammary cancer cell migration through inhibition of nitric oxide synthase and guanylate cyclase. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 375, 162-7	3.4	44
108	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> , <b>2004</b> , 24, 703-10	1	43
107	Effects of SAHA and EGCG on Growth Potentiation of Triple-Negative Breast Cancer Cells. <i>Cancers</i> , <b>2018</b> , 11,	6.6	42
106	Epigenetic reactivation of p21 <sup>CIP1</sup> /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> , <b>2015</b> , 406, 102-14	4.4	41
105	Impact of Epigenetic Dietary Components on Cancer through Histone Modifications. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 2051-64	4.3	41
104	An overview of epigenetic assays. <i>Molecular Biotechnology</i> , <b>2008</b> , 38, 179-83	3	40
103	Epigenetic control of telomerase and modes of telomere maintenance in aging and abnormal systems. <i>Frontiers in Bioscience - Landmark</i> , <b>2005</b> , 10, 1779-96	2.8	39
102	Mammalian DNA (cytosine-5-)-methyltransferase expressed in Escherichia coli, purified and characterized. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 18543-50	5.4	39
101	Impact of genistein on the gut microbiome of humanized mice and its role in breast tumor inhibition. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189756	3.7	39
100	Combinational Proanthocyanidins and Resveratrol Synergistically Inhibit Human Breast Cancer Cells and Impact Epigenetic-Mediating Machinery. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	36

99	Epigenetic modifications of the Estrogen receptor beta gene in epithelial ovarian cancer cells. <i>Anticancer Research</i> , <b>2009</b> , 29, 139-44	2.3	36
98	The role of nutraceuticals in chemoprevention and chemotherapy and their clinical outcomes. <i>Journal of Oncology</i> , <b>2012</b> , 2012, 192464	4.5	35
97	Evidence of extra-telomeric effects of hTERT and its regulation involving a feedback loop. <i>Experimental Cell Research</i> , <b>2007</b> , 313, 322-30	4.2	34
96	Age-related epigenetic drift and phenotypic plasticity loss: implications in prevention of age-related human diseases. <i>Epigenomics</i> , <b>2016</b> , 8, 1637-1651	4.4	30
95	Epigenomics of ovarian cancer and its chemoprevention. <i>Frontiers in Genetics</i> , <b>2011</b> , 2, 67	4.5	29
94	Could epigenetics help explain racial disparities in chronic pain?. <i>Journal of Pain Research</i> , <b>2019</b> , 12, 701-710	4.1	28
93	Telomerase, telomerase inhibition, and cancer. <i>Rejuvenation Research</i> , <b>2003</b> , 6, 315-25		27
92	Telomeres, telomerase, and telomerase inhibition: clinical implications for cancer. <i>Journal of the American Geriatrics Society</i> , <b>2003</b> , 51, 116-22	5.6	27
91	Cell senescence culturing methods. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1048, 1-10	1.4	27
90	Telomerase inhibition by retinoids precedes cytodifferentiation of leukemia cells and may contribute to terminal differentiation. <i>Molecular Cancer Therapeutics</i> , <b>2004</b> , 3, 1003-9	6.1	27
89	Increased lability of triosephosphate isomerase in progeria and Werner's syndrome fibroblasts. <i>Mechanisms of Ageing and Development</i> , <b>1982</b> , 20, 93-101	5.6	26
88	Combinatorial epigenetic mechanisms and efficacy of early breast cancer inhibition by nutritive botanicals. <i>Epigenomics</i> , <b>2016</b> , 8, 1019-37	4.4	26
87	Temporal Efficacy of a Sulforaphane-Based Broccoli Sprout Diet in Prevention of Breast Cancer through Modulation of Epigenetic Mechanisms. <i>Cancer Prevention Research</i> , <b>2018</b> , 11, 451-464	3.2	26
86	Culture kinetics of glycolytic enzyme induction, glucose utilization, and thymidine incorporation of extended-exposure phytohemagglutinin-stimulated human lymphocytes. <i>Journal of Cellular Physiology</i> , <b>1985</b> , 122, 98-104	7	23
85	Advances in epigenetic technology. <i>Methods in Molecular Biology</i> , <b>2011</b> , 791, 1-10	1.4	21
84	The Epigenetic Link between Polyphenols, Aging and Age-Related Diseases. <i>Genes</i> , <b>2020</b> , 11,	4.2	21
83	SAHA and EGCG Promote Apoptosis in Triple-negative Breast Cancer Cells, Possibly Through the Modulation of cIAP2. <i>Anticancer Research</i> , <b>2020</b> , 40, 9-26	2.3	20
82	EGCG down-regulates telomerase in human breast carcinoma MCF-7 cells, leading to suppression of cell viability and induction of apoptosis <b>2004</b> , 24, 703		19

81	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> , <b>1986</b> , 34, 282-94	5.6	19
80	Expression of intracellular biochemical defects of lymphocytes in aging: proposal of a general aging mechanism which is not cell-specific. <i>Experimental Gerontology</i> , <b>1986</b> , 21, 129-48	4.5	19
79	Carbohydrate metabolism in transforming lymphocytes from the aged. <i>Journal of Cellular Physiology</i> , <b>1985</b> , 123, 417-24	7	19
78	Premature Aging Diseases: Cellular and Molecular Changes. <i>BioScience</i> , <b>1983</b> , 33, 634-639	5.7	18
77	Decreased protein synthesis of transforming lymphocytes from aged humans: relationship to impaired mitogenesis with age. <i>Mechanisms of Ageing and Development</i> , <b>1985</b> , 30, 53-62	5.6	18
76	Impaired glycolysis of human lymphocytes during aging. <i>Mechanisms of Ageing and Development</i> , <b>1981</b> , 17, 369-79	5.6	18
75	Impact of Nutrition on Non-Coding RNA Epigenetics in Breast and Gynecological Cancer. <i>Frontiers in Nutrition</i> , <b>2015</b> , 2, 16	6.2	17
74	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> , <b>2011</b> , 10, 447-58	5.6	16
73	Retinoid-induced histone deacetylation inhibits telomerase activity in estrogen receptor-negative breast cancer cells. <i>Anticancer Research</i> , <b>2009</b> , 29, 4959-64	2.3	16
72	Epigenetic Regulation of Epidermal Stem Cell Biomarkers and Their Role in Wound Healing. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 17,	6.3	15
71	Pterostilbene down-regulates hTERT at physiological concentrations in breast cancer cells: Potentially through the inhibition of cMyc. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 3326-3337	4.7	15
70	The influence of an epigenetics diet on the cancer epigenome. <i>Epigenomics</i> , <b>2017</b> , 9, 1153-1155	4.4	14
69	Aging and energetics' 'Top 40' future research opportunities 2010-2013. <i>F1000Research</i> , <b>2014</b> , 3, 219	3.6	14
68	Epigenetics of Human Disease <b>2012</b> , 1-6		13
67	Epigenetic regulation of telomerase in retinoid-induced differentiation of human leukemia cells. <i>International Journal of Oncology</i> , <b>2008</b> , 32, 625-31	1	13
66	DNA methylation methods: Global DNA methylation and methylomic analyses. <i>Methods</i> , <b>2021</b> , 187, 28-43	4.6	13
65	Targeting Telomeres and Telomerase: Studies in Aging and Disease Utilizing CRISPR/Cas9 Technology. <i>Cells</i> , <b>2019</b> , 8,	7.9	12
64	The Novel Retinoid, 9cUAB30, Inhibits Telomerase and Induces Apoptosis in HL60 Cells. <i>Translational Oncology</i> , <b>2008</b> , 1, 148-52	4.9	12



63	Computational methods and next-generation sequencing approaches to analyze epigenetics data: Profiling of methods and applications. <i>Methods</i> , <b>2021</b> , 187, 92-103	4.6	12
62	Down-regulation of hTERT and Cyclin D1 transcription via PI3K/Akt and TGF- $\beta$ pathways in MCF-7 Cancer cells with PX-866 and Raloxifene. <i>Experimental Cell Research</i> , <b>2016</b> , 344, 95-102	4.2	11
61	Methods of epigenetic analysis. <i>Methods in Molecular Biology</i> , <b>2004</b> , 287, 1-8	1.4	11
60	RNA interference using a plasmid construct expressing short-hairpin RNA. <i>Methods in Molecular Biology</i> , <b>2007</b> , 405, 31-7	1.4	11
59	Combined chromatin immunoprecipitation and bisulfite methylation sequencing analysis. <i>Methods in Molecular Biology</i> , <b>2011</b> , 791, 239-51	1.4	11
58	The Role of Non-Coding RNAs and Isothiocyanates in Cancer. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1700913	5.9	10
57	Pathway modulations and epigenetic alterations in ovarian tumorigenesis. <i>Journal of Cellular Physiology</i> , <b>2014</b> , 229, 393-406	7	10
56	Transgenerational Epigenetics <b>2014</b> , 1-8		10
55	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> , <b>2007</b> , 30, 641-50 <sup>1</sup>		10
54	Methods of telomerase inhibition. <i>Methods in Molecular Biology</i> , <b>2007</b> , 405, 1-7	1.4	10
53	Differential expression of epigenetic modulators during human embryonic stem cell differentiation. <i>Molecular Biotechnology</i> , <b>2009</b> , 41, 201-7	3	9
52	Genetics and Epigenetics of Lung Cancer: Mechanisms and Future Perspectives. <i>Current Cancer Therapy Reviews</i> , <b>2013</b> , 9, 97-110	0.4	9
51	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> , <b>1998</b> , 245, 670-8 <sup>3,4</sup>		8
50	Potential of Resveratrol in Inhibiting Cancer and Slowing Aging. <i>Journal of Nutrition &amp; Food Sciences</i> , <b>2015</b> , 5, 1-5	0.5	8
49	Maternal Epigenetic Regulation Contributes to Prevention of Estrogen Receptor-negative Mammary Cancer with Broccoli Sprout Consumption. <i>Cancer Prevention Research</i> , <b>2020</b> , 13, 449-462	3.2	7
48	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> , <b>1990</b> , 44, 282-91		7
47	Identification of DNA methylation associated enrichment pathways in adults with non-specific chronic low back pain. <i>Molecular Pain</i> , <b>2020</b> , 16, 1744806920972889	3.4	7
46	Epigenetics: The New Science of Genetics <b>2011</b> , 1-6		6



45	Epigenetic Biomarkers <b>2016</b> , 1-18		6
44	Targeting cancer epigenetics with CRISPR-dCAS9: Principles and prospects. <i>Methods</i> , <b>2021</b> , 187, 77-91	4.6	6
43	Outline of Epigenetics <b>2014</b> , 27-44		5
42	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> , <b>2020</b> , 15, e0234893	3.7	5
41	A method to detect DNA methyltransferase I gene transcription in vitro in aging systems. <i>Methods in Molecular Biology</i> , <b>2007</b> , 371, 73-80	1.4	5
40	A method to study the expression of DNA methyltransferases in aging systems in vitro. <i>Methods in Molecular Biology</i> , <b>2007</b> , 371, 81-7	1.4	5
39	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> , <b>2019</b> , 5, 1-9	2.6	4
38	Retrovirus-mediated RNA interference. Targeting hTERT through stable expression of short-hairpin RNA. <i>Methods in Molecular Biology</i> , <b>2007</b> , 405, 39-46	1.4	4
37	Techniques for analysis of biological aging. <i>Methods in Molecular Biology</i> , <b>2007</b> , 371, 1-7	1.4	4
36	hTERT knockdown in human embryonic kidney cells using double-stranded RNA. <i>Methods in Molecular Biology</i> , <b>2007</b> , 405, 23-9	1.4	4
35	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> , <b>2016</b> , 117, 1688-96	4.7	4
34	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> , <b>2021</b> , 151, 73-84	4.1	4
33	Epigenetics of Human Disease <b>2018</b> , 3-10		4
32	Transforming Cancer Epigenetics Using Nutritive Approaches and Noncoding RNAs. <i>Current Cancer Drug Targets</i> , <b>2018</b> , 18, 32-38	2.8	3
31	An Overview of Epigenetics <b>2017</b> , 1-6		3
30	Real-time methylomic aberrations during initiation and progression of induced human mammary epithelial cell tumorigenesis. <i>Epigenomics</i> , <b>2013</b> , 5, 155-65	4.4	3
29	Epigenetic regulation of telomerase in retinoid-induced differentiation of human leukemia cells <b>2008</b> ,		3
28	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> , <b>2004</b> , 2, 313-324		3

27	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
26	Dietary Effect on Epigenetics During the Aging Process <b>2010</b> , 407-416		2
25	Epigenetic Approaches to Cancer Therapy <b>2018</b> , 219-247		2
24	Combinatorial epigenetic mechanisms of sulforaphane, genistein and sodium butyrate in breast cancer inhibition.. <i>Experimental Cell Research</i> , <b>2022</b> , 416, 113160	4.2	2
23	Epigenetics of Personalized Medicine <b>2015</b> , 3-13		1
22	The transposon-driven evolutionary origin and basis of histone deacetylase functions and limitations in disease prevention. <i>Clinical Epigenetics</i> , <b>2011</b> , 2, 97-112	7.7	1
21	Epigenetic Approaches to Cancer Therapy <b>2012</b> , 111-125		1
20	The low-toxicity 9-cis UAB30 novel retinoid down-regulates the DNA methyltransferases and has anti-telomerase activity in human breast cancer cells <b>2007</b> , 30, 641		1
19	Role of Epigenetics in Cancer <b>2008</b> , 1-4		1
18	Systematic integrated analyses of methylomic and transcriptomic impacts of early combined botanicals on estrogen receptor-negative mammary cancer. <i>Scientific Reports</i> , <b>2021</b> , 11, 9481	4.9	1
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