

Hutchinsonâ€™Gilford progeria syndrome: Review of th

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genetic determinants of exceptional human longevity: insights from the Okinawa Centenarian Study. <i>Age</i> , 2006, 28, 313-332.	3.0	77
2	Molecular bases of progeroid syndromes. <i>Human Molecular Genetics</i> , 2006, 15, R151-R161.	1.4	162
3	New Metabolic Phenotypes in Laminopathies: <i>LMNA</i> Mutations in Patients with Severe Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4835-4844.	1.8	136
4	Disease Progression in Hutchinson-Gilford Progeria Syndrome: Impact on Growth and Development. <i>Pediatrics</i> , 2007, 120, 824-833.	1.0	105
5	New Approaches to Progeria. <i>Pediatrics</i> , 2007, 120, 834-841.	1.0	83
6	Thematic review series: Adipocyte Biology. Lipodystrophies: windows on adipose biology and metabolism. <i>Journal of Lipid Research</i> , 2007, 48, 1433-1444.	2.0	122
8	Mechanisms of Cardiovascular Disease in Accelerated Aging Syndromes. <i>Circulation Research</i> , 2007, 101, 13-26.	2.0	119
9	An association of Hutchinson-Gilford progeria and malignancy. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 1821-1826.	0.7	38
10	Body fat distribution and metabolic variables in patients with neonatal progeroid syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 1421-1430.	0.7	33
11	Nuclear architecture: Is it important for genome function and can we prove it?. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 1067-1075.	1.2	35
12	Werner and Hutchinson-Gilford progeria syndromes: mechanistic basis of human progeroid diseases. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 394-404.	16.1	272
13	The role of nuclear architecture in genomic instability and ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 692-702.	16.1	256
14	Hutchinson-Gilford progeria syndrome: clinical findings in three patients carrying the G608G mutation in <i>LMNA</i> and review of the literature. <i>British Journal of Dermatology</i> , 2007, 156, 1308-1314.	1.4	40
15	Human progeroid syndromes, aging and cancer: new genetic and epigenetic insights into old questions. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 155-170.	2.4	77
16	Effects of prelamin A processing inhibitors on the differentiation and activity of human osteoclasts. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 34-40.	1.2	21
17	Association of homozygous <i>LMNA</i> mutation R471C with new phenotype: Mandibuloacral dysplasia, progeria, and rigid spine muscular dystrophy. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 1049-1054.	0.7	38
18	Phenotype and Course of Hutchinson-Gilford Progeria Syndrome. <i>New England Journal of Medicine</i> , 2008, 358, 592-604.	13.9	610
19	Lamin A-dependent misregulation of adult stem cells associated with accelerated ageing. <i>Nature Cell Biology</i> , 2008, 10, 452-459.	4.6	465

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20	Combined treatment with statins and aminobisphosphonates extends longevity in a mouse model of human premature aging. <i>Nature Medicine</i> , 2008, 14, 767-772.	15.2	355
21	Microcephalia with mandibular and dental dysplasia in adult <i>Zmpste24</i> deficient mice. <i>Journal of Anatomy</i> , 2008, 213, 509-519.	0.9	14
22	Increased mechanosensitivity and nuclear stiffness in Hutchinson-Gilford progeria cells: effects of farnesyltransferase inhibitors. <i>Aging Cell</i> , 2008, 7, 383-393.	3.0	179
23	Prelamin A is involved in early steps of muscle differentiation. <i>Experimental Cell Research</i> , 2008, 314, 3628-3637.	1.2	35
24	Progeria caused by a rare LMNA mutation p.S143F associated with mild myopathy and atrial fibrillation. <i>European Journal of Paediatric Neurology</i> , 2008, 12, 427-430.	0.7	15
25	Cellular senescence and organismal aging. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 467-474.	2.2	325
26	HGPS and related premature aging disorders: From genomic identification to the first therapeutic approaches. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 449-459.	2.2	81
27	Vascular aging: insights from studies on cellular senescence, stem cell aging, and progeroid syndromes. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, 637-648.	3.3	92
29	Gone with the Wnt/Notch: stem cells in laminopathies, progeria, and aging. <i>Journal of Cell Biology</i> , 2008, 181, 9-13.	2.3	75
30	Heart-hand syndrome of Slovenian type: a new kind of laminopathy. <i>Journal of Medical Genetics</i> , 2008, 45, 666-671.	1.5	47
31	Severe Mandibuloacral Dysplasia-Associated Lipodystrophy and Progeria in a Young Girl with a Novel Homozygous Arg527Cys LMNA Mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4617-4623.	1.8	50
32	Premature aging in mice activates a systemic metabolic response involving autophagy induction. <i>Human Molecular Genetics</i> , 2008, 17, 2196-2211.	1.4	141
34	Progeria. , 0, , 145-148.		0
36	Model of human aging: Recent findings on Werner's and Hutchinson-Gilford progeria syndromes. <i>Clinical Interventions in Aging</i> , 2008, Volume 3, 431-444.	1.3	59
37	A Promoter Polymorphism of Lamin A/C Gene is an Independent Genetic Predisposition to Arterial Stiffness in a Japanese General Population (The Tanno and Sobetsu Study). <i>Journal of Atherosclerosis and Thrombosis</i> , 2009, 16, 404-409.	0.9	10
38	Altered Nuclear Functions in Progeroid Syndromes: a Paradigm for Aging Research. <i>Scientific World Journal</i> , The, 2009, 9, 1449-1462.	0.8	7
39	Implant Supported Prosthesis in a Patient with Progeria: Case Report. <i>Bosnian Journal of Basic Medical Sciences</i> , 2009, 9, 210-214.	0.6	0
40	<i>LMNA</i> , <i>ZMPSTE24</i> , and <i>LBR</i> Are Not Mutated in Scleroderma. <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 635-639.	0.3	2

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41	Atypical Progeroid Syndrome due to Heterozygous Missense LMNA Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4971-4983.	1.8	113
42	Hutchinson-Gilford Progeria Syndrome: Its Presentation in F. Scott Fitzgerald's Short Story "The Curious Case of Benjamin Button" and Its Oral Manifestations. <i>Journal of Dental Research</i> , 2009, 88, 873-876.	2.5	5
43	The glycosaminoglycan-binding domain of PRELP acts as a cell type-specific NF- $\kappa$ B inhibitor that impairs osteoclastogenesis. <i>Journal of Cell Biology</i> , 2009, 187, 669-683.	2.3	72
44	Telomere length in Hutchinson-Gilford Progeria Syndrome. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 377-383.	2.2	134
45	Homozygous LMNA mutation R527C in atypical Hutchinson-Gilford progeria syndrome: evidence for autosomal recessive inheritance. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1365-1368.	0.7	31
46	Is Intraorbital Fat Extraorbital? Results of Cross-Sectional Anatomy of the Lower Eyelid Fat Pads. <i>Aesthetic Surgery Journal</i> , 2009, 29, 189-193.	0.9	20
47	Progeroid syndrome with scleroderma-like skin changes associated with homozygous R435C LMNA mutation. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 2387-2392.	0.7	28
48	Accelerated ageing: from mechanism to therapy through animal models. <i>Transgenic Research</i> , 2009, 18, 7-15.	1.3	41
49	Premature aging. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3091-3094.	2.4	6
50	Hutchinson-Gilford progeria syndrome: oral and craniofacial phenotypes. <i>Oral Diseases</i> , 2009, 15, 187-195.	1.5	24
51	Lipodystrophies: Disorders of adipose tissue biology. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 507-513.	1.2	153
52	The ageing epigenome: Damaged beyond repair?. <i>Ageing Research Reviews</i> , 2009, 8, 189-198.	5.0	77
54	Nuclear DNA Damage as a Direct Cause of Aging. <i>Rejuvenation Research</i> , 2009, 12, 199-208.	0.9	94
55	A progeria mutation reveals functions for lamin A in nuclear assembly, architecture, and chromosome organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20788-20793.	3.3	185
56	Transient monoparesis after blade plate removal in a Hutchinson-Gilford progeria syndrome patient: a case report. <i>Journal of Pediatric Orthopaedics Part B</i> , 2009, 18, 151-156.	0.3	1
57	Lamin A/C Gene Mutations in Familial Cardiomyopathy with Advanced Atrioventricular Block and Arrhythmia. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 218, 309-316.	0.5	23
58	Lamin A-linked progerias: is farnesylation the be all and end all?. <i>Biochemical Society Transactions</i> , 2010, 38, 281-286.	1.6	12
59	Audiologic and Otologic Manifestations of Hutchinson-Gilford Progeria Syndrome. <i>Laryngoscope</i> , 2010, 120, S71-S71.	1.1	8

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60	Early onset mandibuloacral dysplasia due to compound heterozygous mutations in <i>ZMPSTE24</i> . American Journal of Medical Genetics, Part A, 2010, 152A, 2703-2710.	0.7	45
61	Elbow deformities in a patient with mandibuloacral dysplasia type A. American Journal of Medical Genetics, Part A, 2010, 152A, 2711-2713.	0.7	7
62	1 Novel MEFV transcripts in Familial Mediterranean fever patients and controls. BMC Medical Genetics, 2010, 11, 87.	2.1	15
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64	Nuclear envelope alterations generate an aging-like epigenetic pattern in mice deficient in <i>Zmpste24</i> metalloprotease. Aging Cell, 2010, 9, 947-957.	3.0	50
65	Progeria syndromes and ageing: what is the connection?. Nature Reviews Molecular Cell Biology, 2010, 11, 567-578.	16.1	339
66	Rejuvenating somatotrophic signaling: a therapeutical opportunity for premature aging?. Aging, 2010, 2, 1017-1022.	1.4	13
67	The Premature Aging Syndrome Hutchinson-Gilford Progeria: Insights Into Normal Aging. , 2010, , 66-72.		2
68	Role of progerin-induced telomere dysfunction in HGPS premature cellular senescence. Journal of Cell Science, 2010, 123, 2605-2612.	1.2	147
69	Insulin-like growth factor 1 treatment extends longevity in a mouse model of human premature aging by restoring somatotroph axis function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16268-16273.	3.3	124
70	Nurturing the genome. Nucleus, 2010, 1, 129-135.	0.6	34
71	A Translational View of the Genetics of Lipodystrophy and Ectopic Fat Deposition. Progress in Molecular Biology and Translational Science, 2010, 94, 159-196.	0.9	14
72	An Autosomal Recessive Syndrome of Joint Contractures, Muscular Atrophy, Microcytic Anemia, and Panniculitis-Associated Lipodystrophy. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E58-E63.	1.8	88
73	Cardiovascular Pathology in Hutchinson-Gilford Progeria: Correlation With the Vascular Pathology of Aging. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2301-2309.	1.1	332
74	From Genes to Genomics to Proteomics. , 2010, , 139-163.		1
75	Interactions Between Nuclei and the Cytoskeleton Are Mediated by SUN-KASH Nuclear-Envelope Bridges. Annual Review of Cell and Developmental Biology, 2010, 26, 421-444.	4.0	497
76	Dedifferentiation rescues senescence of progeria cells but only while pluripotent. Stem Cell Research and Therapy, 2011, 2, 28.	2.4	9
77	Muscular laminopathies: Role of prelamin A in early steps of muscle differentiation. Advances in Enzyme Regulation, 2011, 51, 246-256.	2.9	7

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79	Induced pluripotent stem cells â€™ opportunities for disease modelling and drug discovery. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 915-929.	21.5	417
80	Nuclear Mechanics in Disease. <i>Annual Review of Biomedical Engineering</i> , 2011, 13, 397-428.	5.7	126
82	LMNA mutation in progeroid syndrome in association with strokes. <i>European Journal of Medical Genetics</i> , 2011, 54, e576-e579.	0.7	6
83	Cerebral Autosomal Recessive Arteriopathy with Subcortical Infarcts and Leukoencephalopathy (CARASIL): From Discovery to Gene Identification. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011, 20, 85-93.	0.7	130
84	A Human iPSC Model of Hutchinson Gilford Progeria Reveals Vascular Smooth Muscle and Mesenchymal Stem Cell Defects. <i>Cell Stem Cell</i> , 2011, 8, 31-45.	5.2	415
85	HGPS-Derived iPSCs For The Ages. <i>Cell Stem Cell</i> , 2011, 8, 4-6.	5.2	7
86	Adipokines and Aging. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 545-550.	0.9	71
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89	In vitro pathological modelling using patient-specific induced pluripotent stem cells: the case of progeria. <i>Biochemical Society Transactions</i> , 2011, 39, 1775-1779.	1.6	13
90	Defective DNA-damage repair induced by nuclear lamina dysfunction is a key mediator of smooth muscle cell aging. <i>Biochemical Society Transactions</i> , 2011, 39, 1780-1785.	1.6	16
91	Comparative Endocrinology of Aging and Longevity Regulation. <i>Frontiers in Endocrinology</i> , 2011, 2, 75.	1.5	25
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93	Prelamin A-mediated recruitment of SUN1 to the nuclear envelope directs nuclear positioning in human muscle. <i>Cell Death and Differentiation</i> , 2011, 18, 1305-1315.	5.0	72
94	A review and appraisal of the DNA damage theory of ageing. <i>Mutation Research - Reviews in Mutation Research</i> , 2011, 728, 12-22.	2.4	177
95	Chromatin structure as a mediator of aging. <i>FEBS Letters</i> , 2011, 585, 2041-2048.	1.3	167
96	RNA splicing: disease and therapy. <i>Briefings in Functional Genomics</i> , 2011, 10, 151-164.	1.3	79

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102	Insights into intermediate filament regulation from development to ageing. Journal of Cell Science, 2011, 124, 1363-1372.	1.2	47
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109	Skin signs as early manifestations of Hutchinson-Gilford progeria syndrome. Archives of Disease in Childhood, 2012, 97, 806-807.	1.0	6
110	Think Small: Zebrafish as a Model System of Human Pathology. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-12.	3.0	154
111	Craniofacial Abnormalities in Hutchinson-Gilford Progeria Syndrome. American Journal of Neuroradiology, 2012, 33, 1512-1518.	1.2	24
112	Hip pathology in Hutchinsonâ€Gilford progeria syndrome. Journal of Pediatric Orthopaedics Part B, 2012, 21, 563-566.	0.3	2
113	Regulation of prelamin A but not lamin C by miR-9, a brain-specific microRNA. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E423-31.	3.3	185
114	Laminopathies. , 2012, , 375-409.		0

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117	Lamins in development, tissue maintenance and stress. EMBO Reports, 2012, 13, 1070-1078.	2.0	61
118	Skeletal muscle contractile function and neuromuscular performance in Zmpste24 <sup>-/-</sup> mice, a murine model of human progeria. Age, 2012, 34, 805-819.	3.0	28
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123	An inherited <i>LMNA</i> gene mutation in atypical Progeria syndrome. American Journal of Medical Genetics, Part A, 2012, 158A, 2881-2887.	0.7	40
124	Premature Aging Syndrome. Advances in Experimental Medicine and Biology, 2012, 724, 317-331.	0.8	29
125	Syndromes progÃ©roÃ©des. , 2012, , 203-209.		0
126	Aging and reprogramming: a two-way street. Current Opinion in Cell Biology, 2012, 24, 744-756.	2.6	136
127	A novel homozygous p.Arg527Leu LMNA mutation in two unrelated Egyptian families causes overlapping mandibuloacral dysplasia and progeria syndrome. European Journal of Human Genetics, 2012, 20, 1134-1140.	1.4	31
128	Progeroide Erkrankungen und ihre Mechanismen. Medizinische Genetik, 2012, 24, 253-256.	0.1	0
129	Stem Cell Epigenetics and Human Disease. , 2012, , 481-501.		0
130	A prospective study of radiographic manifestations in Hutchinson-Gilford progeria syndrome. Pediatric Radiology, 2012, 42, 1089-1098.	1.1	26
131	HIV Protease Inhibitors Do Not Cause the Accumulation of Prelamin A in PBMCs from Patients Receiving First Line Therapy: The ANRS EP45 <i>“Aging”</i> Study. PLoS ONE, 2012, 7, e53035.	1.1	13
132	Progeria : Pathogenesis and Oral Manifestation- A Review. Kathmandu University Medical Journal, 2012, 10, 88-90.	0.1	5



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134	Lamin a deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. <i>Osteoarthritis and Cartilage</i> , 2012, 20, S270.	0.6	1
135	Lamin A, farnesylation and aging. <i>Experimental Cell Research</i> , 2012, 318, 1-7.	1.2	85
136	Partial lipodystrophy with severe insulin resistance and adult progeria Werner syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 106.	1.2	43
137	Hutchinson-Gilford progeria syndrome accompanied by severe skeletal abnormalities in two Chinese siblings: two case reports. <i>Journal of Medical Case Reports</i> , 2013, 7, 63.	0.4	12
138	The Transcription Factor FOXM1 (Forkhead box M1). <i>Advances in Cancer Research</i> , 2013, 118, 97-398.	1.9	135
139	Hutchinson-Gilford progeria syndrome through the lens of transcription. <i>Aging Cell</i> , 2013, 12, 533-543.	3.0	76
141	Human iPSC-Based Modeling of Late-Onset Disease via Progerin-Induced Aging. <i>Cell Stem Cell</i> , 2013, 13, 691-705.	5.2	613
142	Lamin A deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. <i>Stem Cell Research</i> , 2013, 11, 1137-1148.	0.3	50
143	LMNA-associated cardiocutaneous progeria: An inherited autosomal dominant premature aging syndrome with late onset. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 1599-1611.	0.7	25
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146	Detection of Nuclear Envelope Alterations in Senescence. <i>Methods in Molecular Biology</i> , 2013, 965, 243-251.	0.4	3
147	Prenyltransferase inhibitors: treating human ailments from cancer to parasitic infections. <i>MedChemComm</i> , 2013, 4, 476-492.	3.5	54
148	Vascular Cell Physiology Under Shear Flow: Role of Cell Mechanics and Mechanotransduction. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2013, , 121-141.	0.7	0
149	The Fruit Fly <i>Drosophila melanogaster</i> as a Model for Aging Research. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013, 135, 63-77.	0.6	22
150	Neurologic features of Hutchinson-Gilford progeria syndrome after lonafarnib treatment. <i>Neurology</i> , 2013, 81, 427-430.	1.5	52
151	Imaging Characteristics of Cerebrovascular Arteriopathy and Stroke in Hutchinson-Gilford Progeria Syndrome. <i>American Journal of Neuroradiology</i> , 2013, 34, 1091-1097.	1.2	49

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152	The epidemiology of premature aging and associated comorbidities. <i>Clinical Interventions in Aging</i> , 2013, 8, 1023.	1.3	38
153	Moving from gene discovery to clinical trials in Hutchinson-Gilford progeria syndrome. <i>Neurology</i> , 2013, 81, 408-409.	1.5	2
154	How plants LINC the SUN to KASH. <i>Nucleus</i> , 2013, 4, 206-215.	0.6	45
155	Hutchinson-Gilford Progeria Syndrome. , 0, , .		3
156	Hutchinson-Gilford Progeria Syndrome: A Rare Genetic Disorder. <i>Case Reports in Dentistry</i> , 2013, 2013, 1-4.	0.2	5
157	Splicing modulation therapy in the treatment of genetic diseases. <i>The Application of Clinical Genetics</i> , 2014, 7, 245.	1.4	33
159	Mandibuloacral dysplasia type A-associated progeria caused by homozygous LMNA mutation in a family from Southern China. <i>BMC Pediatrics</i> , 2014, 14, 256.	0.7	25
160	Familial 1q22 microduplication associated with psychiatric disorders, intellectual disability and late-onset autoimmune inflammatory response. <i>Molecular Cytogenetics</i> , 2014, 7, 90.	0.4	5
161	New ZMPSTE24 (FACE1) mutations in patients affected with restrictive dermopathy or related progeroid syndromes and mutation update. <i>European Journal of Human Genetics</i> , 2014, 22, 1002-1011.	1.4	51
162	Induced Pluripotent Stem Cells Reveal Functional Differences Between Drugs Currently Investigated in Patients With Hutchinson-Gilford Progeria Syndrome. <i>Stem Cells Translational Medicine</i> , 2014, 3, 510-519.	1.6	44
163	DNA Damage and Lamins. <i>Advances in Experimental Medicine and Biology</i> , 2014, 773, 377-399.	0.8	74
164	Mandibuloacral Dysplasia Caused by LMNA Mutations and Uniparental Disomy. <i>Case Reports in Genetics</i> , 2014, 2014, 1-5.	0.1	8
166	Genome regulation at the peripheral zone: lamina associated domains in development and disease. <i>Current Opinion in Genetics and Development</i> , 2014, 25, 50-61.	1.5	66
167	Initial Cutaneous Manifestations of Hutchinson-Gilford Progeria Syndrome. <i>Pediatric Dermatology</i> , 2014, 31, 196-202.	0.5	32
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169	Alteration of splice site selection in the LMNA gene and inhibition of progerin production via AMPK activation. <i>Medical Hypotheses</i> , 2014, 83, 580-587.	0.8	11
170	TRF2 and lamin A/C interact to facilitate the functional organization of chromosome ends. <i>Nature Communications</i> , 2014, 5, 5467.	5.8	111
171	An Encouraging Progress Report on the Treatment of Progeria and Its Implications for Atherogenesis. <i>Circulation</i> , 2014, 130, 4-6.	1.6	9

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