

Ola Nilsson

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

3,762
citations

136740

32
h-index

133063

59
g-index

80
all docs

80
docs citations

80
times ranked

4174
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocrine Regulation of the Growth Plate. <i>Hormone Research in Paediatrics</i> , 2005, 64, 157-165.	0.8	282
2	The Role of the Resting Zone in Growth Plate Chondrogenesis. <i>Endocrinology</i> , 2002, 143, 1851-1857.	1.4	240
3	Burosumab versus conventional therapy in children with X-linked hypophosphataemia: a randomised, active-controlled, open-label, phase 3 trial. <i>Lancet</i> , The, 2019, 393, 2416-2427.	6.3	229
4	Short and tall stature: a new paradigm emerges. <i>Nature Reviews Endocrinology</i> , 2015, 11, 735-746.	4.3	212
5	FGF23 and its role in X-linked hypophosphatemia-related morbidity. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 58.	1.2	158
6	Localization of estrogen receptors-alpha and -beta and androgen receptor in the human growth plate at different pubertal stages. <i>Journal of Endocrinology</i> , 2003, 177, 319-326.	1.2	127
7	Anaplastic Giant Cell Carcinoma of the Thyroid Gland: Treatment and Survival Over a 25-Year Period. <i>World Journal of Surgery</i> , 1998, 22, 725-730.	0.8	113
8	Wnt gene expression in the post-natal growth plate: Regulation with chondrocyte differentiation. <i>Bone</i> , 2007, 40, 1361-1369.	1.4	110
9	Short Stature, Accelerated Bone Maturation, and Early Growth Cessation Due to Heterozygous Aggrecan Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1510-E1518.	1.8	109
10	Gradients in bone morphogenetic protein-related gene expression across the growth plate. <i>Journal of Endocrinology</i> , 2007, 193, 75-84.	1.2	104
11	Fibroblast growth factor expression in the postnatal growth plate. <i>Bone</i> , 2007, 40, 577-586.	1.4	100
12	Demonstration of Estrogen Receptor- \hat{A} Immunoreactivity in Human Growth Plate Cartilage. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 370-373.	1.8	99
13	Clinical Characterization of Patients With Autosomal Dominant Short Stature due to Aggrecan Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 460-469.	1.8	95
14	Fundamental limits on longitudinal bone growth: growth plate senescence and epiphyseal fusion. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 370-374.	3.1	92
15	EZH1 and EZH2 promote skeletal growth by repressing inhibitors of chondrocyte proliferation and hypertrophy. <i>Nature Communications</i> , 2016, 7, 13685.	5.8	79
16	RECENT RESEARCH ON THE GROWTH PLATE: Recent insights into the regulation of the growth plate. <i>Journal of Molecular Endocrinology</i> , 2014, 53, T1-T9.	1.1	74
17	Spatial and temporal regulation of gene expression in the mammalian growth plate. <i>Bone</i> , 2010, 46, 1380-1390.	1.4	70
18	Synthesizing genome-wide association studies and expression microarray reveals novel genes that act in the human growth plate to modulate height. <i>Human Molecular Genetics</i> , 2012, 21, 5193-5201.	1.4	66

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19	An Extensive Genetic Program Occurring during Postnatal Growth in Multiple Tissues. <i>Endocrinology</i> , 2009, 150, 1791-1800.	1.4	65
20	Expression and localization of Indian hedgehog (Ihh) and parathyroid hormone related protein (PTHrP) in the human growth plate during pubertal development. <i>Journal of Endocrinology</i> , 2002, 174, R1-R6.	1.2	64
21	Depletion of resting zone chondrocytes during growth plate senescence. <i>Journal of Endocrinology</i> , 2006, 189, 27-36.	1.2	64
22	Catch-Up Growth after Hypothyroidism Is Caused by Delayed Growth Plate Senescence. <i>Endocrinology</i> , 2008, 149, 1820-1828.	1.4	55
23	Estrogen receptor-alpha and -beta are expressed throughout postnatal development in the rat and rabbit growth plate. <i>Journal of Endocrinology</i> , 2002, 173, 407-414.	1.2	51
24	Spatial and temporal regulation of GH/IGF-related gene expression in growth plate cartilage. <i>Journal of Endocrinology</i> , 2007, 194, 31-40.	1.2	51
25	Growth Plate Senescence and Catch-Up Growth. <i>Endocrine Development</i> , 2011, 21, 23-29.	1.3	49
26	Evidence That Estrogen Hastens Epiphyseal Fusion and Cessation of Longitudinal Bone Growth by Irreversibly Depleting the Number of Resting Zone Progenitor Cells in Female Rabbits. <i>Endocrinology</i> , 2014, 155, 2892-2899.	1.4	49
27	Apoptosis Is Developmentally Regulated in Rat Growth Plate. <i>Endocrine</i> , 2002, 18, 271-278.	2.2	46
28	The Role of the Resting Zone in Growth Plate Chondrogenesis. , 0, .		43
29	Impact of growth plate senescence on catch-up growth and epiphyseal fusion. <i>Pediatric Nephrology</i> , 2005, 20, 319-322.	0.9	40
30	Growth plate senescence is associated with loss of DNA methylation. <i>Journal of Endocrinology</i> , 2005, 186, 241-249.	1.2	40
31	Expression of the Hutchinson-Gilford Progeria Mutation during Osteoblast Development Results in Loss of Osteocytes, Irregular Mineralization, and Poor Biomechanical Properties. <i>Journal of Biological Chemistry</i> , 2012, 287, 33512-33522.	1.6	39
32	mir-374-5p, mir-379-5p, and mir-503-5p Regulate Proliferation and Hypertrophic Differentiation of Growth Plate Chondrocytes in Male Rats. <i>Endocrinology</i> , 2018, 159, 1469-1478.	1.4	38
33	Organization of the Indian hedgehog / parathyroid hormone-related protein system in the postnatal growth plate. <i>Journal of Molecular Endocrinology</i> , 2011, 47, 99-107.	1.1	37
34	Genetics of Short Stature. <i>Endocrinology and Metabolism Clinics of North America</i> , 2017, 46, 259-281.	1.2	36
35	Effect of Burosumab Compared With Conventional Therapy on Younger vs Older Children With X-linked Hypophosphatemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3241-e3253.	1.8	36
36	New developments in the genetic diagnosis of short stature. <i>Current Opinion in Pediatrics</i> , 2018, 30, 541-547.	1.0	34

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37	Ezh2 Mutations Found in the Weaver Overgrowth Syndrome Cause a Partial Loss of H3K27 Histone Methyltransferase Activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1470-1478.	1.8	33
38	Redefining the progeroid form of ehlersâ€danlos syndrome: Report of the fourth patient with <i>B4GALT7</i> deficiency and review of the literature. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 2519-2527.	0.7	31
39	New Genetic Diagnoses of Short Stature Provide Insights into Local Regulation of Childhood Growth. <i>Hormone Research in Paediatrics</i> , 2017, 88, 22-37.	0.8	29
40	Spatial regulation of gene expression during growth of articular cartilage in juvenile mice. <i>Pediatric Research</i> , 2015, 77, 406-415.	1.1	28
41	Raloxifene Acts as an Estrogen Agonist on the Rabbit Growth Plate. <i>Endocrinology</i> , 2003, 144, 1481-1485.	1.4	26
42	Patient-Reported Outcomes from a Randomized, Active-Controlled, Open-Label, Phase 3 Trial of Burosumab Versus Conventional Therapy in Children with X-Linked Hypophosphatemia. <i>Calcified Tissue International</i> , 2021, 108, 622-633.	1.5	26
43	Estrogens and human growth. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000, 74, 383-386.	1.2	25
44	Growth-inhibiting conditions slow growth plate senescence. <i>Journal of Endocrinology</i> , 2011, 208, 59-67.	1.2	25
45	Gene Expression Profiling Reveals Similarities between the Spatial Architectures of Postnatal Articular and Growth Plate Cartilage. <i>PLoS ONE</i> , 2014, 9, e103061.	1.1	25
46	Aggrecan Mutations in Nonfamilial Short Stature and Short Stature Without Accelerated Skeletal Maturation. <i>Journal of the Endocrine Society</i> , 2017, 1, 1006-1011.	0.1	22
47	Evidence That Up-Regulation of MicroRNA-29 Contributes to Postnatal Body Growth Deceleration. <i>Molecular Endocrinology</i> , 2015, 29, 921-932.	3.7	21
48	The international X-linked hypophosphataemia (XLH) registry (NCT03193476): rationale for and description of an international, observational study. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 172.	1.2	21
49	Accelerated Skeletal Maturation in Disorders of Retinoic Acid Metabolism: A Case Report and Focused Review of the Literature. <i>Hormone and Metabolic Research</i> , 2016, 48, 737-744.	0.7	20
50	Evidence That Rat Chondrocytes Can Differentiate Into Perichondrial Cells. <i>JBMR Plus</i> , 2018, 2, 351-361.	1.3	20
51	The Role of p27Kip1 in the Regulation of Growth Plate Chondrocyte Proliferation in Mice. <i>Pediatric Research</i> , 2006, 60, 288-293.	1.1	17
52	Efficacy and Safety of Percutaneous Epiphysiodesis Operation around the Knee to Reduce Adult Height in Extremely Tall Adolescent Girls and Boys. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2010, 2010, 1-7.	1.6	17
53	Local Regulation of Growth Plate Cartilage. <i>Endocrine Development</i> , 2011, 21, 12-22.	1.3	17
54	Biallelic <i>TMEM251</i> variants in patients with severe skeletal dysplasia and extreme short stature. <i>Human Mutation</i> , 2021, 42, 89-101.	1.1	16

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55	Temporal and spatial expression of a growth-regulated network of imprinted genes in growth plate. <i>Pediatric Nephrology</i> , 2010, 25, 617-623.	0.9	15
56	A cross-sectional magnetic resonance imaging study of factors influencing growth plate closure in adolescents and young adults. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1249-1256.	0.7	15
57	Activation and Kinetics of Circulating T Follicular Helper Cells, Specific Plasmablast Response, and Development of Neutralizing Antibodies following Yellow Fever Virus Vaccination. <i>Journal of Immunology</i> , 2021, 207, 1033-1043.	0.4	15
58	Arm Span and Its Relation to Height in a 2- to 17-Year-Old Reference Population and Heterozygous Carriers of ACAN Variants. <i>Hormone Research in Paediatrics</i> , 2020, 93, 164-172.	0.8	13
59	Methods to Study Cartilage and Bone Development. <i>Endocrine Development</i> , 2011, 21, 52-66.	1.3	12
60	A novel AVPR2 splice site mutation leads to partial X-linked nephrogenic diabetes insipidus in two brothers. <i>European Journal of Pediatrics</i> , 2016, 175, 727-733.	1.3	12
61	Discordance Between Stimulated and Spontaneous Growth Hormone Levels in Short Children Is Dependent on Cut-Off Level and Partly Explained by Refractoriness. <i>Frontiers in Endocrinology</i> , 2020, 11, 584906.	1.5	8
62	Reconstruction of finger joints using autologous rib perichondrium – an observational study at a single Centre with a median follow-up of 37%years. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 278.	0.8	8
63	Aggrecanopathies highlight the need for genetic evaluation of ISS children. <i>European Journal of Endocrinology</i> , 2020, 183, C9-C10.	1.9	8
64	Rat perichondrium transplanted to articular cartilage defects forms articular-like, hyaline cartilage. <i>Bone</i> , 2021, 151, 116035.	1.4	7
65	Expanding the mutation and phenotype spectrum of MYH3-associated skeletal disorders. <i>Npj Genomic Medicine</i> , 2022, 7, 11.	1.7	7
66	Novel form of rhizomelic skeletal dysplasia associated with a homozygous variant in GNPAT1. <i>Journal of Medical Genetics</i> , 2021, 58, 351-356.	1.5	6
67	Lack of Telomere Shortening with Age in Mouse Resting Zone Chondrocytes. <i>Hormone Research in Paediatrics</i> , 2005, 63, 125-128.	0.8	5
68	To Prime or Not to Prime – Is That Still a Question? A Comment on the US Guidelines on Growth Hormone and Insulin-Like Growth Factor-I Treatment in Children and Adolescents. <i>Hormone Research in Paediatrics</i> , 2017, 88, 179-180.	0.8	4
69	Comparison of reliability of magnetic resonance imaging using cartilage and T1-weighted sequences in the assessment of the closure of the growth plates at the knee. <i>Acta Radiologica Open</i> , 2020, 9, 205846012096273.	0.3	4
70	Optimized protocols for in situ hybridization, immunohistochemistry, and immunofluorescence on skeletal tissue. <i>Acta Histochemica</i> , 2021, 123, 151747.	0.9	4
71	Pre- and postnatal growth failure with microcephaly due to two novel heterozygous IGF1R mutations and response to growth hormone treatment. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 2067-2074.	0.7	3
72	Genetic and epigenetic regulation of childhood growth. <i>Nature Reviews Endocrinology</i> , 2018, 14, 70-72.	4.3	1

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73	The Growth Plate. , 2007, , 485-499.		0
74	Too little and never enoughâ€”The challenge of providing calcium and phosphate to preterm infants. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 1715-1715.	0.7	0
75	Case Report: Bilateral Epiphysiodesis Due to Extreme Tall Stature in a Girl With a De Novo DNMT3A Variant Associated With Tatton-Brown-Rahman Syndrome. Frontiers in Endocrinology, 2021, 12, 752756.	1.5	0
76	OR13-2 Burosumab Resulted in Greater Improvement in Rickets Than Conventional Therapy in Children with X-Linked Hypophosphatemia (XLH). Journal of the Endocrine Society, 2019, 3, .	0.1	0
77	Burosumab resulted in greater improvement in clinical outcomes than continuation with conventional therapy in younger (1-4 years-old) and older (5-12 years-old) children with X-linked hypophosphatemia. Bone Abstracts, 0, , .	0.0	0