Ola Nilsson

List of Publications by Year in descending order

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77	3,762	126907	133252
papers	citations	33 h-index	59 g-index

80	80	80	4174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endocrine Regulation of the Growth Plate. Hormone Research in Paediatrics, 2005, 64, 157-165.	1.8	282
2	The Role of the Resting Zone in Growth Plate Chondrogenesis. Endocrinology, 2002, 143, 1851-1857.	2.8	240
3	Burosumab versus conventional therapy in children with X-linked hypophosphataemia: a randomised, active-controlled, open-label, phase 3 trial. Lancet, The, 2019, 393, 2416-2427.	13.7	229
4	Short and tall stature: a new paradigm emerges. Nature Reviews Endocrinology, 2015, 11, 735-746.	9.6	212
5	FGF23 and its role in X-linked hypophosphatemia-related morbidity. Orphanet Journal of Rare Diseases, 2019, 14, 58.	2.7	158
6	Localization of estrogen receptors-alpha and -beta and androgen receptor in the human growth plate at different pubertal stages. Journal of Endocrinology, 2003, 177, 319-326.	2.6	127
7	Anaplastic Giant Cell Carcinoma of the Thyroid Gland: Treatment and Survival Over a 25â€Year Period. World Journal of Surgery, 1998, 22, 725-730.	1.6	113
8	Wnt gene expression in the post-natal growth plate: Regulation with chondrocyte differentiation. Bone, 2007, 40, 1361-1369.	2.9	110
9	Short Stature, Accelerated Bone Maturation, and Early Growth Cessation Due to Heterozygous Aggrecan Mutations. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1510-E1518.	3.6	109
10	Gradients in bone morphogenetic protein-related gene expression across the growth plate. Journal of Endocrinology, 2007, 193, 75-84.	2.6	104
11	Fibroblast growth factor expression in the postnatal growth plate. Bone, 2007, 40, 577-586.	2.9	100
12	Demonstration of Estrogen Receptor-Â Immunoreactivity in Human Growth Plate Cartilage. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 370-373.	3.6	99
13	Clinical Characterization of Patients With Autosomal Dominant Short Stature due to Aggrecan Mutations. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 460-469.	3.6	95
14	Fundamental limits on longitudinal bone growth: growth plate senescence and epiphyseal fusion. Trends in Endocrinology and Metabolism, 2004, 15, 370-374.	7.1	92
15	EZH1 and EZH2 promote skeletal growth by repressing inhibitors of chondrocyte proliferation and hypertrophy. Nature Communications, 2016, 7, 13685.	12.8	79
16	RECENT RESEARCH ON THE GROWTH PLATE: Recent insights into the regulation of the growth plate. Journal of Molecular Endocrinology, 2014, 53, T1-T9.	2.5	74
17	Spatial and temporal regulation of gene expression in the mammalian growth plate. Bone, 2010, 46, 1380-1390.	2.9	70
18	Synthesizing genome-wide association studies and expression microarray reveals novel genes that act in the human growth plate to modulate height. Human Molecular Genetics, 2012, 21, 5193-5201.	2.9	66

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19	An Extensive Genetic Program Occurring during Postnatal Growth in Multiple Tissues. Endocrinology, 2009, 150, 1791-1800.	2.8	65
20	Expression and localization of Indian hedgehog (Ihh) and parathyroid hormone related protein (PTHrP) in the human growth plate during pubertal development. Journal of Endocrinology, 2002, 174, R1-R6.	2.6	64
21	Depletion of resting zone chondrocytes during growth plate senescence. Journal of Endocrinology, 2006, 189, 27-36.	2.6	64
22	Catch-Up Growth after Hypothyroidism Is Caused by Delayed Growth Plate Senescence. Endocrinology, 2008, 149, 1820-1828.	2.8	55
23	Estrogen receptor-alpha and -beta are expressed throughout postnatal development in the rat and rabbit growth plate. Journal of Endocrinology, 2002, 173, 407-414.	2.6	51
24	Spatial and temporal regulation of GHâ€“IGF-related gene expression in growth plate cartilage. Journal of Endocrinology, 2007, 194, 31-40.	2.6	51
25	Growth Plate Senescence and Catch-Up Growth. Endocrine Development, 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. Endocrinology, 2014, 155, 2892-2899.	2.8	49
27	Apoptosis Is Developmentally Regulated in Rat Growth Plate. Endocrine, 2002, 18, 271-278.	2.2	46
28	The Role of the Resting Zone in Growth Plate Chondrogenesis. Endocrinology, 2002, 143, 1851-1857.	2.8	43
29	Impact of growth plate senescence on catch-up growth and epiphyseal fusion. Pediatric Nephrology, 2005, 20, 319-322.	1.7	40
30	Growth plate senescence is associated with loss of DNA methylation. Journal of Endocrinology, 2005, 186, 241-249.	2.6	40
31	Expression of the Hutchinson-Gilford Progeria Mutation during Osteoblast Development Results in Loss of Osteocytes, Irregular Mineralization, and Poor Biomechanical Properties. Journal of Biological Chemistry, 2012, 287, 33512-33522.	3.4	39
32	mir-374-5p, mir-379-5p, and mir-503-5p Regulate Proliferation and Hypertrophic Differentiation of Growth Plate Chondrocytes in Male Rats. Endocrinology, 2018, 159, 1469-1478.	2.8	38
33	Organization of the Indian hedgehog â€“ parathyroid hormone-related protein system in the postnatal growth plate. Journal of Molecular Endocrinology, 2011, 47, 99-107.	2.5	37
34	Genetics of Short Stature. Endocrinology and Metabolism Clinics of North America, 2017, 46, 259-281.	3.2	36
35	Effect of Burosumab Compared With Conventional Therapy on Younger vs Older Children With X-linked Hypophosphatemia. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3241-e3253.	3.6	36
36	New developments in the genetic diagnosis of short stature. Current Opinion in Pediatrics, 2018, 30, 541-547.	2.0	34

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37	Ezh2 Mutations Found in the Weaver Overgrowth Syndrome Cause a Partial Loss of H3K27 Histone Methyltransferase Activity. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1470-1478.	3.6	33
38	Redefining the progeroid form of ehlersâ€“danlos syndrome: Report of the fourth patient with B4GALT7 deficiency and review of the literature. American Journal of Medical Genetics, Part A, 2013, 161, 2519-2527.	1.2	31
39	New Genetic Diagnoses of Short Stature Provide Insights into Local Regulation of Childhood Growth. Hormone Research in Paediatrics, 2017, 88, 22-37.	1.8	29
40	Spatial regulation of gene expression during growth of articular cartilage in juvenile mice. Pediatric Research, 2015, 77, 406-415.	2.3	28
41	Raloxifene Acts as an Estrogen Agonist on the Rabbit Growth Plate. Endocrinology, 2003, 144, 1481-1485.	2.8	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. Calcified Tissue International, 2021, 108, 622-633.	3.1	26
43	Estrogens and human growth. Journal of Steroid Biochemistry and Molecular Biology, 2000, 74, 383-386.	2.5	25
44	Growth-inhibiting conditions slow growth plate senescence. Journal of Endocrinology, 2011, 208, 59-67.	2.6	25
45	Gene Expression Profiling Reveals Similarities between the Spatial Architectures of Postnatal Articular and Growth Plate Cartilage. PLoS ONE, 2014, 9, e103061.	2.5	25
46	Aggrecan Mutations in Nonfamilial Short Stature and Short Stature Without Accelerated Skeletal Maturation. Journal of the Endocrine Society, 2017, 1, 1006-1011.	0.2	22
47	Evidence That Up-Regulation of MicroRNA-29 Contributes to Postnatal Body Growth Deceleration. Molecular Endocrinology, 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. Orphanet Journal of Rare Diseases, 2020, 15, 172.	2.7	21
49	Accelerated Skeletal Maturation in Disorders of Retinoic Acid Metabolism: A Case Report and Focused Review of the Literature. Hormone and Metabolic Research, 2016, 48, 737-744.	1.5	20
50	Evidence That Rat Chondrocytes Can Differentiate Into Perichondrial Cells. JBMR Plus, 2018, 2, 351-361.	2.7	20
51	The Role of p27Kip1 in the Regulation of Growth Plate Chondrocyte Proliferation in Mice. Pediatric Research, 2006, 60, 288-293.	2.3	17
52	Efficacy and Safety of Percutaneous Epiphysiodesis Operation around the Knee to Reduce Adult Height in Extremely Tall Adolescent Girls and Boys. International Journal of Pediatric Endocrinology (Springer), 2010, 2010, 1-7.	1.6	17
53	Local Regulation of Growth Plate Cartilage. Endocrine Development, 2011, 21, 12-22.	1.3	17
54	Biallelic TMEM251 variants in patients with severe skeletal dysplasia and extreme short stature. Human Mutation, 2021, 42, 89-101.	2.5	16

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55	Temporal and spatial expression of a growth-regulated network of imprinted genes in growth plate. Pediatric Nephrology, 2010, 25, 617-623.	1.7	15
56	A crossâ€sectional magnetic resonance imaging study of factors influencing growth plate closure in adolescents and young adults. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 1249-1256.	1.5	15
57	Activation and Kinetics of Circulating T Follicular Helper Cells, Specific Plasmablast Response, and Development of Neutralizing Antibodies following Yellow Fever Virus Vaccination. Journal of Immunology, 2021, 207, 1033-1043.	0.8	15
58	Arm Span and Its Relation to Height in a 2- to 17-Year-Old Reference Population and Heterozygous Carriers of ACAN Variants. Hormone Research in Paediatrics, 2020, 93, 164-172.	1.8	13
59	Methods to Study Cartilage and Bone Development. Endocrine Development, 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. European Journal of Pediatrics, 2016, 175, 727-733.	2.7	12
61	Discordance Between Stimulated and Spontaneous Growth Hormone Levels in Short Children Is Dependent on Cut-Off Level and Partly Explained by Refractoriness. Frontiers in Endocrinology, 2020, 11, 584906.	3.5	8
62	Reconstruction of finger joints using autologous rib perichondrium â€“ an observational study at a single Centre with a median follow-up of 37â€‰years. BMC Musculoskeletal Disorders, 2020, 21, 278.	1.9	8
63	Aggrecanopathies highlight the need for genetic evaluation of ISS children. European Journal of Endocrinology, 2020, 183, C9-C10.	3.7	8
64	Rat perichondrium transplanted to articular cartilage defects forms articular-like, hyaline cartilage. Bone, 2021, 151, 116035.	2.9	7
65	Expanding the mutation and phenotype spectrum of MYH3-associated skeletal disorders. Npj Genomic Medicine, 2022, 7, 11.	3.8	7
66	Novel form of rhizomelic skeletal dysplasia associated with a homozygous variant in GNPNAT1. Journal of Medical Genetics, 2021, 58, 351-356.	3.2	6
67	Lack of Telomere Shortening with Age in Mouse Resting Zone Chondrocytes. Hormone Research in Paediatrics, 2005, 63, 125-128.	1.8	5
68	To Prime or Not to Prime â€“ 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. Hormone Research in Paediatrics, 2017, 88, 179-180.	1.8	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. Acta Radiologica Open, 2020, 9, 205846012096273.	0.6	4
70	Optimized protocols for in situ hybridization, immunohistochemistry, and immunofluorescence on skeletal tissue. Acta Histochemica, 2021, 123, 151747.	1.8	4
71	Preâ€•and postnatal growth failure with microcephaly due to two novel heterozygous IGF1R mutations and response to growth hormone treatment. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 2067-2074.	1.5	3
72	Genetic and epigenetic regulation of childhood growth. Nature Reviews Endocrinology, 2018, 14, 70-72.	9.6	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.	1.5	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.	3.5	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, .	0.2	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