Per Magnusson

List of Publications by Year
in descending order

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		236833	254106
82	2,148	25	43
papers	citations	h-index	g-index

83	83	83	2553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alkaline phosphatase: a novel treatment target for cardiovascular disease in CKD. Nature Reviews Nephrology, 2017, 13, 429-442.	4.1	203
2	Bone Alkaline Phosphatase in CKDâ€“Mineral Bone Disorder. American Journal of Kidney Diseases, 2013, 62, 810-822.	2.1	111
3	Isoforms of Bone Alkaline Phosphatase: Characterization and Origin in Human Trabecular and Cortical Bone. Journal of Bone and Mineral Research, 1999, 14, 1926-1933.	3.1	102
4	Low bone mineral density and decreased bone turnover in Duchenne muscular dystrophy. Neuromuscular Disorders, 2007, 17, 919-928.	0.3	100
5	Effect of chronic renal failure on bone turnover and bone alkaline phosphatase isoforms. Kidney International, 2001, 60, 257-265.	2.6	93
6	Bone Alkaline Phosphatase and Tartrate-Resistant Acid Phosphatase: Potential Co-regulators of Bone Mineralization. Calcified Tissue International, 2017, 101, 92-101.	1.5	93
7	Common biochemical markers of bone turnover predict future bone loss: A 5-year follow-up study. Clinica Chimica Acta, 2005, 356, 67-75.	0.5	71
8	Serum Osteocalcin and Bone and Liver Alkaline Phosphatase Isoforms in Healthy Children and Adolescents. Pediatric Research, 1995, 38, 955-961.	1.1	70
9	Bone alkaline phosphatase: An important biomarker in chronic kidney disease â€“ mineral and bone disorder. Clinica Chimica Acta, 2020, 501, 198-206.	0.5	64
10	Different Responses of Bone Alkaline Phosphatase Isoforms During Recombinant Insulin-like Growth Factor-I (IGF-I) and During Growth Hormone Therapy in Adults with Growth Hormone Deficiency. Journal of Bone and Mineral Research, 1997, 12, 210-220.	3.1	61
11	Determination of alkaline phosphatase isoenzymes in serum by high-performance liquid chromatography with post-column reaction detection. Biomedical Applications, 1992, 576, 79-86.	1.7	56
12	Isozyme profile and tissue-origin of alkaline phosphatases in mouse serum. Bone, 2013, 53, 399-408.	1.4	51
13	Serum Levels of Insulin-like Growth Factor Binding Proteins (IGFBP)-4 and -5 Correlate with Bone Mineral Density in Growth Hormone (GH)-Deficient Adults and Increase with GH Replacement Therapy. Journal of Bone and Mineral Research, 1998, 13, 891-899.	3.1	49
14	Different distributions of human bone alkaline phosphatase isoforms in serum and bone tissue extracts. Clinica Chimica Acta, 2002, 325, 59-70.	0.5	45
15	Glycosylation differences contribute to distinct catalytic properties among bone alkaline phosphatase isoforms. Bone, 2009, 45, 987-993.	1.4	45
16	Methodological Aspects on Separation and Reaction Conditions of Bone and Liver Alkaline Phosphatase Isoform Analysis by High-Performance Liquid Chromatography. Analytical Biochemistry, 1993, 211, 156-163.	1.1	44
17	Differences of bone alkaline phosphatase isoforms in metastatic bone disease and discrepant effects of clodronate on different skeletal sites indicated by the location of pain. Clinical Chemistry, 1998, 44, 1621-1628.	1.5	44
18	Serum Isoforms of Bone Alkaline Phosphatase Increase During Physical Exercise in Women. Calcified Tissue International, 2000, 66, 342-347.	1.5	43

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19	The content of bone morphogenetic proteins in platelets varies greatly between different platelet donors. Biochemical and Biophysical Research Communications, 2008, 375, 261-264.	1.0	37
20	Targeting RANKL for reduction of bone loss around unstable implants: OPG-Fc compared to alendronate in a model for mechanically induced loosening. Bone, 2011, 48, 225-230.	1.4	33
21	Monoclonal Antibodies against Tissue-Nonspecific Alkaline Phosphatase. Tumor Biology, 2002, 23, 228-248.	0.8	32
22	The novel bone alkaline phosphatase B1x isoform in children with kidney disease. Pediatric Nephrology, 2006, 21, 1723-1729.	0.9	30
23	Variation of pH in lysed platelet concentrates influence proliferation and alkaline phosphatase activity in human osteoblast-like cells. Platelets, 2007, 18, 113-118.	1.1	29
24	Bone Alkaline Phosphatase Isoforms in Hemodialysis Patients With Low Versus Non-Low Bone Turnover: AÂDiagnostic TestÂStudy. American Journal of Kidney Diseases, 2015, 66, 99-105.	2.1	29
25	Clinical significance of bone alkaline phosphatase isoforms, including the novel B1x isoform, in mild to moderate chronic kidney disease. Nephrology Dialysis Transplantation, 2009, 24, 3382-3389.	0.4	28
26	Grade 1 Vertebral Fractures Identified by Densitometric Lateral Spine Imaging Predict Incident Major Osteoporotic Fracture Independently of Clinical Risk Factors and Bone Mineral Density in Older Women. Journal of Bone and Mineral Research, 2020, 35, 1942-1951.	3.1	27
27	Biochemical bone markers in the assessment and pamidronate treatment of children and adolescents with osteogenesis imperfecta. Acta Paediatrica, International Journal of Paediatrics, 2010, 99, 1834-1840.	0.7	24
28	Biomarkers in WNT1 and PLS3 Osteoporosis: Altered Concentrations of DKK1 and FGF23. Journal of Bone and Mineral Research, 2020, 35, 901-912.	3.1	24
29	Alkaline Phosphatase: An Old Friend as Treatment Target for Cardiovascular and Mineral Bone Disorders in Chronic Kidney Disease. Nutrients, 2022, 14, 2124.	1.7	24
30	Polyethylene Glycol-Mediated Fusion between Primary Mouse Mesenchymal Stem Cells and Mouse Fibroblasts Generates Hybrid Cells with Increased Proliferation and Altered Differentiation. Stem Cells and Development, 2006, 15, 905-919.	1.1	23
31	Calcifying Human Aortic Smooth Muscle Cells Express Different Bone Alkaline Phosphatase Isoforms, Including the Novel B1x Isoform. Journal of Vascular Research, 2013, 50, 167-174.	0.6	21
32	Is a daily supplementation with 40 microgram vitamin D3 sufficient? A randomised controlled trial. European Journal of Nutrition, 2012, 51, 939-945.	1.8	20
33	Analysis of human bone alkaline phosphatase isoforms: Comparison of isoelectric focusing and ion-exchange high-performance liquid chromatography. Clinica Chimica Acta, 2007, 379, 105-112.	0.5	18
34	Acidic preparations of platelet concentrates release bone morphogenetic proteinâ€2. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 79, 433-437.	1.2	18
35	Bone mass development in patients with Duchenne and Becker muscular dystrophies: a 4â€year clinical followâ€up. Acta Paediatrica, International Journal of Paediatrics, 2012, 101, 424-432.	0.7	18
36	Description of an intensive nutrition therapy in hospitalized adolescents with anorexia nervosa. Eating Behaviors, 2016, 21, 172-178.	1.1	17

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37	Pharmacologic epigenetic modulators of alkaline phosphatase in chronic kidney disease. Current Opinion in Nephrology and Hypertension, 2020, 29, 4-15.	1.0	17
38	Circulating and tissue-derived isoforms of bone alkaline phosphatase in Paget's disease of bone. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 128-135.	0.6	16
39	Whole-body vibration therapy in children with severe motor disabilities. Journal of Rehabilitation Medicine, 2015, 47, 223-228.	0.8	16
40	Bone mass, biochemical markers and growth in children with chronic kidney disease: a 1â€year prospective study. Acta Paediatrica, International Journal of Paediatrics, 2007, 96, 720-725.	0.7	15
41	Prospective study of growth and bone mass in Swedish children treated with the modified Atkins diet. European Journal of Paediatric Neurology, 2019, 23, 629-638.	0.7	15
42	Determination of bone alkaline phosphatase isoforms in serum by a new high-performance liquid chromatography assay in patients with metabolic bone disease. Acta Orthopaedica, 1995, 66, 203-204.	1.4	14
43	Children with chronic kidney disease: a 3â€year prospective study of growth, bone mass and bone turnover. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 367-373.	0.7	13
44	Effects of Tunicamycin, Mannosamine, and Other Inhibitors of Glycoprotein Processing on Skeletal Alkaline Phosphatase in Human Osteoblast-Like Cells. Calcified Tissue International, 2005, 76, 63-74.	1.5	12
45	Functional characterization of cell hybrids generated by induced fusion of primary porcine mesenchymal stem cells with an immortal murine cell line. Cell and Tissue Research, 2006, 326, 123-137.	1.5	12
46	Bone and fat mass in relation to postnatal levels of insulin-like growth factors in prematurely born children at 4 y of age. Pediatric Research, 2014, 75, 544-550.	1.1	12
47	Different osteocalcin forms, markers of metabolic syndrome and anthropometric measures in children within the IDEFICS cohort. Bone, 2016, 84, 230-236.	1.4	12
48	Conserved Epitopes in Human and Mouse Tissue-Nonspecific Alkaline Phosphatase. Tumor Biology, 2005, 26, 113-120.	0.8	11
49	Shortâ€term changes in bone formation markers following growth hormone (<scp>GH</scp>) treatment in short prepubertal children with a broad range of <scp>GH</scp> secretion. Clinical Endocrinology, 2015, 82, 91-99.	1.2	11
50	Vitamin D status in children over three decades â€" Do children get enough vitamin D?. Bone Reports, 2016, 5, 150-152.	0.2	11
51	Vitamin D status in young Swedish women with anorexia nervosa during intensive weight gain therapy. European Journal of Nutrition, 2017, 56, 2061-2067.	1.8	11
52	Randomised study of children with obesity showed that whole body vibration reduced sclerostin. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 502-513.	0.7	11
53	Increased matrix concentrations of IGFBP-5 in cancellous bone in osteoarthritis. Annals of the Rheumatic Diseases, 2004, 63, 1162-1165.	0.5	10
54	Glycation Contributes to Interaction Between Human Bone Alkaline Phosphatase and Collagen Type I. Calcified Tissue International, 2016, 98, 284-293.	1.5	10

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55	Relation between bone mineral density, biological markers and anthropometric measures in 4-year-old children: a pilot study within the IDEFICS study. International Journal of Obesity, 2011, 35, S119-S124.	1.6	9
56	Determinants of Fibroblast Growth Factor-23 and Parathyroid Hormone Variability in Dialysis Patients. American Journal of Nephrology, 2013, 37, 462-471.	1.4	9
57	Does Whole-Body Vibration Treatment Make Childrenâ€™s Bones Stronger?. Current Osteoporosis Reports, 2020, 18, 471-479.	1.5	9
58	Altered cortical bone strength and lean mass in young women with long-duration (19Âyears) type 1 diabetes. Scientific Reports, 2020, 10, 22367.	1.6	9
59	Comparison of 3 Third-Generation Assays for Bio-intact Parathyroid Hormone. Clinical Chemistry, 2006, 52, 903-904.	1.5	8
60	A prospective study of fibroblast growth factor-23 in children with chronic kidney disease. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 15-20.	0.6	8
61	In the backwater of convective dialysis: decreased 25-hydroxyvitamin D levels following the switch to online hemodiafiltration. Clinical Nephrology, 2015, 83 (2015), 315-321.	0.4	8
62	Sclerostin: From Molecule to Clinical Biomarker. International Journal of Molecular Sciences, 2022, 23, 4751.	1.8	8
63	A 3â€year longitudinal study of skeletal effects and growth in children after kidney transplantation. Pediatric Transplantation, 2018, 22, e13253.	0.5	7
64	Isoforms of Bone Alkaline Phosphatase, Stem Cells, and Osteoblast Phenotypes. Stem Cells and Development, 2008, 17, 857-858.	1.1	6
65	Seasonal variations in vitamin D in relation to growth in short prepubertal children before and during first year growth hormone treatment. Journal of Endocrinological Investigation, 2015, 38, 1309-1317.	1.8	6
66	Long-term follow-up of biomarkers of vascular calcification after switch from traditional hemodialysis to online hemodiafiltration. Scandinavian Journal of Clinical and Laboratory Investigation, 2019, 79, 174-181.	0.6	6
67	Persistent idiopathic hyperphosphatasemia from bone alkaline phosphatase in a healthy boy. Bone, 2020, 138, 115459.	1.4	4
68	Different Isoforms of Bone Alkaline Phosphatase Exist. Journal of Bone and Mineral Research, 1998, 13, 760-761.	3.1	3
69	Vitamin D status: sunshine is nice but other factors prevail. European Journal of Nutrition, 2012, 51, 255-256.	1.8	3
70	Skeletal effects and growth in children with chronic kidney disease: a 5-year prospective study. Journal of Bone and Mineral Metabolism, 2013, 31, 322-328.	1.3	3
71	Variation of bone acquisition during growth hormone treatment in children can be explained by proteomic biomarkers, bone formation markers, body composition and nutritional factors. Bone, 2018, 116, 144-153.	1.4	3
72	Impaired renal clearance among Swedish adolescents born preterm. Acta Paediatrica, International Journal of Paediatrics, 2022, 111, 1722-1728.	0.7	3

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73	Acidic preparations of lysed platelets upregulate proliferative pathways in osteoblast-like cells as demonstrated by genome-wide microarray analysis. Platelets, 2011, 22, 452-460.	1.1	2
74	Intensive weight gain therapy in patients with anorexia nervosa results in improved serum tartrate-resistant acid phosphatase (TRAP) 5a and 5b isoform protein levels. Eating and Weight Disorders, 2020, 25, 1387-1397.	1.2	2
75	The Novel Bone Alkaline Phosphatase Isoform B1x Is Associated with Improved 5-Year Survival in Chronic Kidney Disease. Nutrients, 2021, 13, 4402.	1.7	2
76	Rapid Genotyping of the Osteoporosis-Associated Polymorphic Transcription Factor Sp1 Binding Site in the COL1A1 Gene by Pyrosequencing. Molecular Biotechnology, 2004, 26, 87-90.	1.3	1
77	We are what we eat â€“ is it time to reconsider calciumâ€deficiency rickets in <scp>N</scp>igeria? (<scp>FA</scp>). Tropical Medicine and International Health, 2015, 20, 408-410.	1.0	1
78	Increased bone alkaline phosphatase levels do not necessarily cause hypermineralization per se. Bone, 2016, 89, 83-84.	1.4	1
79	Impact of radiotherapy on bone health in women with rectal cancer â€“ A prospective cohort study. European Journal of Surgical Oncology, 2022, 48, 2509-2517.	0.5	1
80	The Significance of the FTO Gene for Weight and Body Composition in Swedish Women With Severe Anorexia Nervosa During Intensive Nutrition Therapy. Journal of the American College of Nutrition, 2021, , 1-6.	1.1	0
81	Calcium Status and Supplementation. Metal Ions in Biological Systems, 2004, , .	0.4	0
82	Exon Resequencing of the Gene Encoding UCMA/GRP Reveals a Common Carboxy-Terminal 138Thr > Ser Polymorphism. Clinical Laboratory, 2013, 59, 1397-401.	0.2	0