

Janne Elin Reseland

List of Publications by Year in descending order

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95
papers

4,186
citations

172457

29
h-index

118850

62
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98
all docs

98
docs citations

98
times ranked

5520
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiponectin and its receptors are expressed in bone-forming cells. <i>Bone</i> , 2004, 35, 842-849.	2.9	429
2	The myokine irisin increases cortical bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12157-12162.	7.1	372
3	Leptin stimulates human osteoblastic cell proliferation, de novo collagen synthesis, and mineralization: Impact on differentiation markers, apoptosis, and osteoclastic signaling. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 825-836.	2.6	358
4	Leptin Is Expressed in and Secreted from Primary Cultures of Human Osteoblasts and Promotes Bone Mineralization. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1426-1433.	2.8	304
5	Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice. <i>Scientific Reports</i> , 2017, 7, 2811.	3.3	221
6	The impact of microgravity on bone in humans. <i>Bone</i> , 2016, 87, 44-56.	2.9	188
7	Biological responses to physicochemical properties of biomaterial surface. <i>Chemical Society Reviews</i> , 2020, 49, 5178-5224.	38.1	183
8	Expression and regulation of resistin in osteoblasts and osteoclasts indicate a role in bone metabolism. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 824-834.	2.6	179
9	Effect of long-term changes in diet and exercise on plasma leptin concentrations. <i>American Journal of Clinical Nutrition</i> , 2001, 73, 240-245.	4.7	158
10	Effects of long-term exercise and diet intervention on plasma adipokine concentrations. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1293-1301.	4.7	98
11	A Novel Ultra-porous Titanium Dioxide Ceramic with Excellent Biocompatibility. <i>Journal of Biomaterials Applications</i> , 2011, 25, 559-580.	2.4	67
12	The effect of enamel matrix derivative on gene expression in osteoblasts. <i>European Journal of Oral Sciences</i> , 2006, 114, 205-211.	1.5	58
13	Waist circumference is related to low-grade inflammation in youth. <i>Pediatric Obesity</i> , 2010, 5, 313-319.	3.2	52
14	A unified model for the action of leptin on bone turnover. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 706-712.	2.6	48
15	Can CAD/CAM resin blocks be considered as substitute for conventional resins?. <i>Dental Materials</i> , 2017, 33, 1362-1370.	3.5	48
16	Increased circulating hepatocyte growth factor (HGF): A marker of epithelial ovarian cancer and an indicator of poor prognosis. <i>Gynecologic Oncology</i> , 2011, 121, 402-406.	1.4	47
17	Injectable Biomaterials for Dental Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3442.	4.1	47
18	Simvastatin coating of TiO ₂ scaffold induces osteogenic differentiation of human adipose tissue-derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 139-144.	2.1	46

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19	Detection of Clostridium perfringens type A enterotoxin in faecal and food samples using immunomagnetic separation (IMS)-ELISA. International Journal of Food Microbiology, 1991, 12, 313-321.	4.7	45
20	Abnormal adipokine levels and leptin-induced changes in gene expression profiles in multiple myeloma. European Journal of Haematology, 2009, 83, 460-470.	2.2	45
21	Prevention of leptin binding to its receptor suppresses rat leukemic cell growth by inhibiting angiogenesis. Blood, 2002, 100, 4123-4128.	1.4	44
22	Histidine tag fusion increases expression levels of active recombinant amelogenin in Escherichia coli. Protein Expression and Purification, 2006, 48, 134-141.	1.3	44
23	Ameloblastin expression and putative autoregulation in mesenchymal cells suggest a role in early bone formation and repair. Bone, 2011, 48, 406-413.	2.9	41
24	Tantalum nanoparticles reinforced polyetheretherketone shows enhanced bone formation. Materials Science and Engineering C, 2019, 101, 232-242.	7.3	35
25	Bulk Fill Composites Have Similar Performance to Conventional Dental Composites. International Journal of Molecular Sciences, 2020, 21, 5136.	4.1	35
26	Role of leptin in bone growth: central player or peripheral supporter?. FEBS Letters, 2002, 528, 40-42.	2.8	34
27	Tissue-specific regulation of leptin expression and secretion by all-trans retinoic acid. Journal of Cellular Biochemistry, 2004, 92, 307-315.	2.6	34
28	In vitro biological response of human osteoblasts in 3D chitosan sponges with controlled degree of deacetylation and molecular weight. Carbohydrate Polymers, 2021, 254, 117434.	10.2	34
29	Leptin expression in human primary skeletal muscle cells is reduced during differentiation. Journal of Cellular Biochemistry, 2005, 96, 89-96.	2.6	33
30	LIGHT/TNFSF14 Promotes Osteolytic Bone Metastases in Non-small Cell Lung Cancer Patients. Journal of Bone and Mineral Research, 2020, 35, 671-680.	2.8	31
31	Proteinase Inhibitors Induce Selective Stimulation of Human Trypsin and Chymotrypsin Secretion. Journal of Nutrition, 1996, 126, 634-642.	2.9	30
32	Enhanced in vitro osteoblast differentiation on TiO ₂ scaffold coated with alginate hydrogel containing simvastatin. Journal of Tissue Engineering, 2013, 4, 204173141351567.	5.5	30
33	Osteogenic potential of poly(ethylene glycol)-amorphous calcium phosphate composites on human mesenchymal stem cells. Journal of Tissue Engineering, 2020, 11, 204173142092684.	5.5	30
34	Ameloblastin promotes bone growth by enhancing proliferation of progenitor cells and by stimulating immunoregulators. European Journal of Oral Sciences, 2010, 118, 451-459.	1.5	28
35	Sulcus fluid bone marker levels and the outcome of surgical treatment of peri-implantitis. Journal of Clinical Periodontology, 2014, 41, 424-431.	4.9	26
36	Raw Soybeans Stimulate Human Pancreatic Proteinase Secretion. Journal of Nutrition, 1992, 122, 1407-1416.	2.9	25

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37	Trans-10, cis-12-conjugated linoleic acid reduces the hepatic triacylglycerol content and the leptin mRNA level in adipose tissue in obese Zucker fa/fa rats. <i>British Journal of Nutrition</i> , 2009, 102, 803-815.	2.3	24
38	Surface hydride on titanium by cathodic polarization promotes human gingival fibroblast growth. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1389-1398.	4.0	22
39	Gene Expression Profiling during Murine Tooth Development. <i>Frontiers in Genetics</i> , 2012, 3, 139.	2.3	21
40	Decreased bone mineral density and reduced bone quality in H ⁺ /K ⁺ ATPase beta ² subunit deficient mice. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 141-147.	2.6	21
41	A Novel Human Chymotrypsin-like Digestive Enzyme. <i>Journal of Biological Chemistry</i> , 1997, 272, 8099-8104.	3.4	20
42	Impaired skeletal health in patients with chronic atrophic gastritis. <i>Scandinavian Journal of Gastroenterology</i> , 2016, 51, 774-781.	1.5	20
43	Irisin promotes growth, migration and matrix formation in human periodontal ligament cells. <i>Archives of Oral Biology</i> , 2020, 111, 104635.	1.8	20
44	Coating doxycycline on titanium-based implants: Two in vivo studies. <i>Bioactive Materials</i> , 2020, 5, 787-797.	15.6	19
45	Fluoride reduces the expression of enamel proteins and cytokines in an ameloblast-derived cell line. <i>Archives of Oral Biology</i> , 2011, 56, 324-330.	1.8	18
46	Proline-Rich Peptide Mimics Effects of Enamel Matrix Derivative on Rat Oral Mucosa Incisional Wound Healing. <i>Journal of Periodontology</i> , 2015, 86, 1386-1395.	3.4	17
47	EMD in periodontal regenerative surgery modulates cytokine profiles: A randomised controlled clinical trial. <i>Scientific Reports</i> , 2016, 6, 23060.	3.3	17
48	Deletion of the Transcription Factor PGC-1 β in Mice Negatively Regulates Bone Mass. <i>Calcified Tissue International</i> , 2018, 103, 638-652.	3.1	17
49	Alendronate alters osteoblast activities. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 550-557.	1.6	16
50	Impairment of Bone Remodeling in LIGHT/TNFSF14-Deficient Mice. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 704-719.	2.8	16
51	Biological factors involved in alveolar bone regeneration. <i>Journal of Clinical Periodontology</i> , 2019, 46, 6-11.	4.9	16
52	Saliva in Prader-Willi syndrome: Quantitative and qualitative characteristics. <i>Archives of Oral Biology</i> , 2012, 57, 1335-1341.	1.8	15
53	Circulating interleukin-8 and plasminogen activator inhibitor-1 are increased in women with ovarian carcinoma. <i>Results in Immunology</i> , 2012, 2, 190-195.	2.2	15
54	The effect of hydrofluoric acid treatment of titanium and titanium dioxide surface on primary human osteoblasts. <i>Clinical Oral Implants Research</i> , 2014, 25, 385-394.	4.5	15

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55	LIGHT/TNFSF14 regulates estrogen deficiency-induced bone loss. <i>Journal of Pathology</i> , 2020, 250, 440-451.	4.5	15
56	Evidence of impaired bone quality in men with type 1 diabetes: a cross-sectional study. <i>Endocrine Connections</i> , 2021, 10, 955-964.	1.9	15
57	Alginate hydrogel enriched with enamel matrix derivative to target osteogenic cell differentiation in TiO2 scaffolds. <i>Journal of Tissue Engineering</i> , 2015, 6, 204173141557587.	5.5	13
58	Hydrofluoric acid treatment of titanium surfaces enhances the proliferation of human gingival fibroblasts. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141982895.	5.5	13
59	Vitamin K2 Modulates Vitamin D-induced Mechanical Properties of Human 3D Bone Spheroids In Vitro. <i>JBMR Plus</i> , 2020, 4, e10394.	2.7	13
60	Phosphorylation Modulates Ameloblastin Self-assembly and Ca ²⁺ Binding. <i>Frontiers in Physiology</i> , 2017, 8, 531.	2.8	12
61	Hypoxia increases the expression of enamel genes and cytokines in an ameloblast-derived cell line. <i>European Journal of Oral Sciences</i> , 2015, 123, 335-340.	1.5	11
62	Own brand label restorative materials – A false bargain?. <i>Journal of Dentistry</i> , 2017, 56, 84-98.	4.1	11
63	Adiponectin Reduces Bone Stiffness: Verified in a Three-Dimensional Artificial Human Bone Model In Vitro. <i>Frontiers in Endocrinology</i> , 2018, 9, 236.	3.5	11
64	Altered protein levels in bone marrow lesions of hip osteoarthritis: Analysis by proteomics and multiplex immunoassays. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 788-799.	1.9	11
65	Experimental implantoplasty outcomes correlate with fibroblast growth in vitro. <i>BMC Oral Health</i> , 2020, 20, 25.	2.3	11
66	Identification of Early Response Genes to Roughness and Fluoride Modification of Titanium Implants in Human Osteoblasts. <i>Implant Dentistry</i> , 2012, 21, 141-149.	1.3	9
67	Subfractions of enamel matrix derivative differentially influence cytokine secretion from human oral fibroblasts. <i>Journal of Tissue Engineering</i> , 2015, 6, 204173141557585.	5.5	9
68	Skeletal effects of a gastrin receptor antagonist in H ⁺ /K ⁺ ATPase beta subunit KO mice. <i>Journal of Endocrinology</i> , 2016, 230, 251-262.	2.6	9
69	Adiponectin prevents orthodontic tooth movement in rats. <i>Archives of Oral Biology</i> , 2017, 83, 304-311.	1.8	9
70	Ameloblastin Peptides Modulates the Osteogenic Capacity of Human Mesenchymal Stem Cells. <i>Frontiers in Physiology</i> , 2017, 8, 58.	2.8	9
71	Characterization of AMBN I and II Isoforms and Study of Their Ca ²⁺ -Binding Properties. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9293.	4.1	9
72	FNDC5/irisin is expressed and regulated differently in human periodontal ligament cells, dental pulp stem cells and osteoblasts. <i>Archives of Oral Biology</i> , 2021, 124, 105061.	1.8	9

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73	Serotonin and fluoxetine receptors are expressed in enamel organs and LS8 cells and modulate gene expression in LS8 cells. <i>European Journal of Oral Sciences</i> , 2010, 118, 566-573.	1.5	8
74	Cell growth on pore-graded biomimetic TiO ₂ bone scaffolds. <i>Journal of Biomaterials Applications</i> , 2015, 29, 1284-1295.	2.4	8
75	STIM1 R304W in mice causes subgingival hair growth and an increased fraction of trabecular bone. <i>Cell Calcium</i> , 2020, 85, 102110.	2.4	8
76	Synovial tissue cytokine profile in disc displacement of the temporomandibular joint. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1202-1211.	3.0	8
77	Alendronate and omeprazole in combination reduce angiogenic and growth signals from osteoblasts. <i>Bone Reports</i> , 2021, 14, 100750.	0.4	8
78	Enamel Matrix Derivative Promote Primary Human Pulp Cell Differentiation and Mineralization. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7731-7749.	4.1	7
79	Mapping the global mRNA transcriptome during development of the murine first molar. <i>Frontiers in Genetics</i> , 2015, 6, 47.	2.3	7
80	Effects of the Histamine 1 Receptor Antagonist Cetirizine on the Osteoporotic Phenotype in H ⁺ /K ⁺ ATPase Beta Subunit KO Mice. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2089-2096.	2.6	7
81	Incidence of alveolar osteitis after mandibular third molar surgery. Can inflammatory cytokines be identified locally?. <i>Acta Odontologica Scandinavica</i> , 2021, 79, 205-211.	1.6	7
82	Human monocyte responses to lipopolysaccharide and 9-cis retinoic acid after laparoscopic surgery for colon cancer. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012, 72, 593-601.	1.2	6
83	Variation in Lateral Plate Quality in Threespine Stickleback from Fresh, Brackish and Marine Water: A Micro-Computed Tomography Study. <i>PLoS ONE</i> , 2016, 11, e0164578.	2.5	6
84	Osteoblasts in a Perfusion Flow Bioreactor [®] Tissue Engineered Constructs of TiO ₂ Scaffolds and Cells for Improved Clinical Performance. <i>Cells</i> , 2022, 11, 1995.	4.1	6
85	Cathodic Polarization Coats Titanium Based Implant Materials with Enamel Matrix Derivate (EMD). <i>Materials</i> , 2014, 7, 2210-2228.	2.9	5
86	Osteoimmunomodulatory Effects of Enamel Matrix Derivate and Strontium Coating Layers: A Short- and Long-Term <i>In Vivo</i> Study. <i>ACS Applied Bio Materials</i> , 2020, 3, 5169-5181.	4.6	5
87	Fluoride Modification of Titanium Surfaces Enhance Complement Activation. <i>Materials</i> , 2020, 13, 684.	2.9	5
88	Effects of ionizing irradiation and interface backscatter on human mesenchymal stem cells cultured on titanium surfaces. <i>European Journal of Oral Sciences</i> , 2019, 127, 500-507.	1.5	4
89	Methacrylation increase growth and differentiation of primary human osteoblasts for gelatin hydrogels. <i>Emergent Materials</i> , 2020, 3, 559-566.	5.7	4
90	An ameloblastin C-terminus variant is present in human adipose tissue. <i>Heliyon</i> , 2018, 4, e01075.	3.2	3

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91	Comprehensive Analysis Identifies Ameloblastin-Related Competitive Endogenous RNA as a Prognostic Biomarker for Testicular Germ Cell Tumour. <i>Cancers</i> , 2022, 14, 1870.	3.7	3
92	Targeting a therapeutically relevant concentration of alendronate for inÂvitro studies on osteoblasts. <i>Acta Odontologica Scandinavica</i> , 2022, 80, 619-625.	1.6	2
93	Protein Concentrations in Stored Pooled Platelet Concentrates Treated with Pathogen Inactivation by Amotosalen Plus Ultraviolet a Illumination. <i>Pathogens</i> , 2022, 11, 350.	2.8	0
94	Osteotropic proteins in bone marrow do not reflect abundance in bone and bone remodeling in obese females. <i>Obesity Medicine</i> , 2022, 32, 100408.	0.9	0
95	Strength training reduces radiation-induced bone deterioration and maintains lean mass in a rat model. <i>Bone Reports</i> , 2022, 16, 101369.	0.4	0