

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	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
2	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
3	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
4	Targeting a therapeutically relevant concentration of alendronate for in vitro studies on osteoblasts. <i>Acta Odontologica Scandinavica</i> , 2022, 80, 619-625.	1.6	2
5	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
6	Osteoblasts in a Perfusion Flow Bioreactor Tissue Engineered Constructs of TiO2 Scaffolds and Cells for Improved Clinical Performance. <i>Cells</i> , 2022, 11, 1995.	4.1	6
7	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
8	In vitro biological response of human osteoblasts in 3D chitosan sponges with controlled degree of deacetylation and molecular weight. <i>Carbohydrate Polymers</i> , 2021, 254, 117434.	10.2	34
9	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
10	Alendronate and omeprazole in combination reduce angiogenic and growth signals from osteoblasts. <i>Bone Reports</i> , 2021, 14, 100750.	0.4	8
11	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
12	Irisin promotes growth, migration and matrix formation in human periodontal ligament cells. <i>Archives of Oral Biology</i> , 2020, 111, 104635.	1.8	20
13	LIGHT/TNFSF14 Promotes Osteolytic Bone Metastases in Non-small Cell Lung Cancer Patients. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 671-680.	2.8	31
14	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
15	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
16	Osteoimmunomodulatory Effects of Enamel Matrix Derivate and Strontium Coating Layers: A Short- and Long-Term In Vivo Study. <i>ACS Applied Bio Materials</i> , 2020, 3, 5169-5181.	4.6	5
17	Bulk Fill Composites Have Similar Performance to Conventional Dental Composites. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5136.	4.1	35
18	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

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19	Injectable Biomaterials for Dental Tissue Regeneration. International Journal of Molecular Sciences, 2020, 21, 3442.	4.1	47
20	Altered protein levels in bone marrow lesions of hip osteoarthritis: Analysis by proteomics and multiplex immunoassays. International Journal of Rheumatic Diseases, 2020, 23, 788-799.	1.9	11
21	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
22	Coating doxycycline on titanium-based implants: Two in vivo studies. Bioactive Materials, 2020, 5, 787-797.	15.6	19
23	Biological responses to physicochemical properties of biomaterial surface. Chemical Society Reviews, 2020, 49, 5178-5224.	38.1	183
24	Synovial tissue cytokine profile in disc displacement of the temporomandibular joint. Journal of Oral Rehabilitation, 2020, 47, 1202-1211.	3.0	8
25	Methacrylation increase growth and differentiation of primary human osteoblasts for gelatin hydrogels. Emergent Materials, 2020, 3, 559-566.	5.7	4
26	Fluoride Modification of Titanium Surfaces Enhance Complement Activation. Materials, 2020, 13, 684.	2.9	5
27	LIGHT/TNFSF14 regulates estrogen deficiency-induced bone loss. Journal of Pathology, 2020, 250, 440-451.	4.5	15
28	Experimental implantoplasty outcomes correlate with fibroblast growth in vitro. BMC Oral Health, 2020, 20, 25.	2.3	11
29	Effects of ionizing irradiation and interface backscatter on human mesenchymal stem cells cultured on titanium surfaces. European Journal of Oral Sciences, 2019, 127, 500-507.	1.5	4
30	Biological factors involved in alveolar bone regeneration. Journal of Clinical Periodontology, 2019, 46, 6-11.	4.9	16
31	Hydrofluoric acid treatment of titanium surfaces enhances the proliferation of human gingival fibroblasts. Journal of Tissue Engineering, 2019, 10, 204173141982895.	5.5	13
32	Tantalum nanoparticles reinforced polyetheretherketone shows enhanced bone formation. Materials Science and Engineering C, 2019, 101, 232-242.	7.3	35
33	Impairment of Bone Remodeling in LIGHT/TNFSF14-Deficient Mice. Journal of Bone and Mineral Research, 2018, 33, 704-719.	2.8	16
34	An ameloblastin C-terminus variant is present in human adipose tissue. Heliyon, 2018, 4, e01075.	3.2	3
35	Adiponectin Reduces Bone Stiffness: Verified in a Three-Dimensional Artificial Human Bone Model In Vitro. Frontiers in Endocrinology, 2018, 9, 236.	3.5	11
36	Deletion of the Transcription Factor PGC-1 β in Mice Negatively Regulates Bone Mass. Calcified Tissue International, 2018, 103, 638-652.	3.1	17

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37	Can CAD/CAM resin blocks be considered as substitute for conventional resins?. <i>Dental Materials</i> , 2017, 33, 1362-1370.	3.5	48
38	Adiponectin prevents orthodontic tooth movement in rats. <i>Archives of Oral Biology</i> , 2017, 83, 304-311.	1.8	9
39	Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice. <i>Scientific Reports</i> , 2017, 7, 2811.	3.3	221
40	Own brand label restorative materialsâ€”A false bargain?. <i>Journal of Dentistry</i> , 2017, 56, 84-98.	4.1	11
41	Ameloblastin Peptides Modulates the Osteogenic Capacity of Human Mesenchymal Stem Cells. <i>Frontiers in Physiology</i> , 2017, 8, 58.	2.8	9
42	Phosphorylation Modulates Ameloblastin Self-assembly and Ca ²⁺ Binding. <i>Frontiers in Physiology</i> , 2017, 8, 531.	2.8	12
43	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
44	EMD in periodontal regenerative surgery modulates cytokine profiles: A randomised controlled clinical trial. <i>Scientific Reports</i> , 2016, 6, 23060.	3.3	17
45	The impact of microgravity on bone in humans. <i>Bone</i> , 2016, 87, 44-56.	2.9	188
46	Alendronate alters osteoblast activities. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 550-557.	1.6	16
47	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
48	Impaired skeletal health in patients with chronic atrophic gastritis. <i>Scandinavian Journal of Gastroenterology</i> , 2016, 51, 774-781.	1.5	20
49	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
50	Hypoxia increases the expression of enamel genes and cytokines in an ameloblastâ€”derived cell line. <i>European Journal of Oral Sciences</i> , 2015, 123, 335-340.	1.5	11
51	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
52	Alginate hydrogel enriched with enamel matrix derivative to target osteogenic cell differentiation in TiO ₂ scaffolds. <i>Journal of Tissue Engineering</i> , 2015, 6, 204173141557587.	5.5	13
53	Mapping the global mRNA transcriptome during development of the murine first molar. <i>Frontiers in Genetics</i> , 2015, 6, 47.	2.3	7
54	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

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55	The myokine irisin increases cortical bone mass. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12157-12162.	7.1	372
56	Cell growth on pore-graded biomimetic TiO ₂ bone scaffolds. Journal of Biomaterials Applications, 2015, 29, 1284-1295.	2.4	8
57	Enamel Matrix Derivative Promote Primary Human Pulp Cell Differentiation and Mineralization. International Journal of Molecular Sciences, 2014, 15, 7731-7749.	4.1	7
58	Cathodic Polarization Coats Titanium Based Implant Materials with Enamel Matrix Derivate (EMD). Materials, 2014, 7, 2210-2228.	2.9	5
59	Surface hydride on titanium by cathodic polarization promotes human gingival fibroblast growth. Journal of Biomedical Materials Research - Part A, 2014, 102, 1389-1398.	4.0	22
60	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
61	The effect of hydrofluoric acid treatment of titanium and titanium dioxide surface on primary human osteoblasts. Clinical Oral Implants Research, 2014, 25, 385-394.	4.5	15
62	Simvastatin coating of TiO ₂ scaffold induces osteogenic differentiation of human adipose tissue-derived mesenchymal stem cells. Biochemical and Biophysical Research Communications, 2014, 447, 139-144.	2.1	46
63	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
64	Human monocyte responses to lipopolysaccharide and 9-cis retinoic acid after laparoscopic surgery for colon cancer. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 593-601.	1.2	6
65	Identification of Early Response Genes to Roughness and Fluoride Modification of Titanium Implants in Human Osteoblasts. Implant Dentistry, 2012, 21, 141-149.	1.3	9
66	Saliva in Prader-Willi syndrome: Quantitative and qualitative characteristics. Archives of Oral Biology, 2012, 57, 1335-1341.	1.8	15
67	Circulating interleukin-8 and plasminogen activator inhibitor-1 are increased in women with ovarian carcinoma. Results in Immunology, 2012, 2, 190-195.	2.2	15
68	Gene Expression Profiling during Murine Tooth Development. Frontiers in Genetics, 2012, 3, 139.	2.3	21
69	Decreased bone mineral density and reduced bone quality in H ⁺ /K ⁺ ATPase beta ₁ subunit deficient mice. Journal of Cellular Biochemistry, 2012, 113, 141-147.	2.6	21
70	A Novel Ultra-porous Titanium Dioxide Ceramic with Excellent Biocompatibility. Journal of Biomaterials Applications, 2011, 25, 559-580.	2.4	67
71	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
72	Increased circulating hepatocyte growth factor (HGF): A marker of epithelial ovarian cancer and an indicator of poor prognosis. Gynecologic Oncology, 2011, 121, 402-406.	1.4	47

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73	Fluoride reduces the expression of enamel proteins and cytokines in an ameloblast-derived cell line. Archives of Oral Biology, 2011, 56, 324-330.	1.8	18
74	Waist circumference is related to low-grade inflammation in youth. Pediatric Obesity, 2010, 5, 313-319.	3.2	52
75	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
76	Serotonin and fluoxetine receptors are expressed in enamel organs and LS8 cells and modulate gene expression in LS8 cells. European Journal of Oral Sciences, 2010, 118, 566-573.	1.5	8
77	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
78	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. British Journal of Nutrition, 2009, 102, 803-815.	2.3	24
79	Effects of long-term exercise and diet intervention on plasma adipokine concentrations. American Journal of Clinical Nutrition, 2007, 86, 1293-1301.	4.7	98
80	Histidine tag fusion increases expression levels of active recombinant amelogenin in Escherichia coli. Protein Expression and Purification, 2006, 48, 134-141.	1.3	44
81	The effect of enamel matrix derivative on gene expression in osteoblasts. European Journal of Oral Sciences, 2006, 114, 205-211.	1.5	58
82	Expression and regulation of resistin in osteoblasts and osteoclasts indicate a role in bone metabolism. Journal of Cellular Biochemistry, 2006, 99, 824-834.	2.6	179
83	Leptin expression in human primary skeletal muscle cells is reduced during differentiation. Journal of Cellular Biochemistry, 2005, 96, 89-96.	2.6	33
84	Tissue-specific regulation of leptin expression and secretion by all-trans retinoic acid. Journal of Cellular Biochemistry, 2004, 92, 307-315.	2.6	34
85	Adiponectin and its receptors are expressed in bone-forming cells. Bone, 2004, 35, 842-849.	2.9	429
86	A unified model for the action of leptin on bone turnover. Journal of Cellular Biochemistry, 2003, 88, 706-712.	2.6	48
87	Prevention of leptin binding to its receptor suppresses rat leukemic cell growth by inhibiting angiogenesis. Blood, 2002, 100, 4123-4128.	1.4	44
88	Role of leptin in bone growth: central player or peripheral supporter?. FEBS Letters, 2002, 528, 40-42.	2.8	34
89	Leptin stimulates human osteoblastic cell proliferation, de novo collagen synthesis, and mineralization: Impact on differentiation markers, apoptosis, and osteoclastic signaling. Journal of Cellular Biochemistry, 2002, 85, 825-836.	2.6	358
90	Effect of long-term changes in diet and exercise on plasma leptin concentrations. American Journal of Clinical Nutrition, 2001, 73, 240-245.	4.7	158

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91	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
92	A Novel Human Chymotrypsin-like Digestive Enzyme. <i>Journal of Biological Chemistry</i> , 1997, 272, 8099-8104.	3.4	20
93	Proteinase Inhibitors Induce Selective Stimulation of Human Trypsin and Chymotrypsin Secretion. <i>Journal of Nutrition</i> , 1996, 126, 634-642.	2.9	30
94	Raw Soybeans Stimulate Human Pancreatic Proteinase Secretion. <i>Journal of Nutrition</i> , 1992, 122, 1407-1416.	2.9	25
95	Detection of <i>Clostridium perfringens</i> type A enterotoxin in faecal and food samples using immunomagnetic separation (IMS)-ELISA. <i>International Journal of Food Microbiology</i> , 1991, 12, 313-321.	4.7	45