

Sotirios Tetradis

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108
papers

4,107
citations

34
h-index

61
g-index

112
ext. papers

4,749
ext. citations

4.1
avg. IF

5.08
L-index

#	Paper	IF	Citations
108	Diagnosis and management of osteonecrosis of the jaw: a systematic review and international consensus. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 3-23	6.3	680
107	Position statement of the American Academy of Oral and Maxillofacial Radiology on selection criteria for the use of radiology in dental implantology with emphasis on cone beam computed tomography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012 , 113, 817-86	2	232
106	Osteonecrosis of the jaw in a patient on Denosumab. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 959-63	1.8	191
105	Periodontal disease and bisphosphonates induce osteonecrosis of the jaws in the rat. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1871-82	6.3	154
104	Oxysterols regulate differentiation of mesenchymal stem cells: pro-bone and anti-fat. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 830-40	6.3	130
103	Case-Based Review of Osteonecrosis of the Jaw (ONJ) and Application of the International Recommendations for Management From the International Task Force on ONJ. <i>Journal of Clinical Densitometry</i> , 2017 , 20, 8-24	3.5	125
102	Hybrid mouse diversity panel: a panel of inbred mouse strains suitable for analysis of complex genetic traits. <i>Mammalian Genome</i> , 2012 , 23, 680-92	3.2	101
101	8-Isoprostaglandin E2 enhances receptor-activated NFkappa B ligand (RANKL)-dependent osteoclastic potential of marrow hematopoietic precursors via the cAMP pathway. <i>Journal of Biological Chemistry</i> , 2002 , 277, 14221-6	5.4	100
100	Nanodiamond-Gutta Percha Composite Biomaterials for Root Canal Therapy. <i>ACS Nano</i> , 2015 , 9, 11490-5017	6.7	98
99	Parathyroid hormone regulates the expression of fibroblast growth factor-2 mRNA and fibroblast growth factor receptor mRNA in osteoblastic cells. <i>Journal of Bone and Mineral Research</i> , 1999 , 14, 776-83	6.3	96
98	Periapical disease and bisphosphonates induce osteonecrosis of the jaws in mice. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 1631-40	6.3	79
97	Pathophysiology of Osteonecrosis of the Jaws. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2015 , 27, 489-96	3.4	69
96	Parathyroid hormone induces expression of the nuclear orphan receptor Nurr1 in bone cells. <i>Endocrinology</i> , 2001 , 142, 663-70	4.8	69
95	Adverse effects of hyperlipidemia on bone regeneration and strength. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 309-18	6.3	68
94	RANKL inhibitors induce osteonecrosis of the jaw in mice with periapical disease. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 843-54	6.3	64
93	Novel oxysterols have pro-osteogenic and anti-adipogenic effects in vitro and induce spinal fusion in vivo. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 1673-84	4.7	63
92	Mouse lipin-1 and lipin-2 cooperate to maintain glycerolipid homeostasis in liver and aging cerebellum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2486-95	11.5	59

91	Hyperlipidemia induces resistance to PTH bone anabolism in mice via oxidized lipids. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1197-206	6.3	58
90	OPG-Fc but Not Zoledronic Acid Discontinuation Reverses Osteonecrosis of the Jaws (ONJ) in Mice. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 1627-40	6.3	52
89	Oxysterols enhance osteoblast differentiation in vitro and bone healing in vivo. <i>Journal of Orthopaedic Research</i> , 2007 , 25, 1488-97	3.8	52
88	Spontaneous osteonecrosis of the jaws in the maxilla of mice on antiresorptive treatment: a novel ONJ mouse model. <i>Bone</i> , 2014 , 68, 11-9	4.7	50
87	Prevalence of skeletal and dental anomalies and normal variants seen in cephalometric and other radiographs of orthodontic patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 1999 , 116, 572-7	2.1	49
86	Novel Wnt Regulator NEL-Like Molecule-1 Antagonizes Adipogenesis and Augments Osteogenesis Induced by Bone Morphogenetic Protein 2. <i>American Journal of Pathology</i> , 2016 , 186, 419-34	5.8	48
85	Oxysterol-induced osteoblastic differentiation of pluripotent mesenchymal cells is mediated through a PKC- and PKA-dependent pathway. <i>Journal of Cellular Biochemistry</i> , 2007 , 100, 1131-45	4.7	43
84	Nuclear orphan receptor Nurr1 directly transactivates the osteocalcin gene in osteoblasts. <i>Journal of Biological Chemistry</i> , 2004 , 279, 53167-74	5.4	42
83	Osteonecrosis of the jaws (ONJ) in mice after extraction of teeth with periradicular disease. <i>Bone</i> , 2016 , 90, 133-41	4.7	42
82	Bone density and hyperlipidemia: the T-lymphocyte connection. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 2460-9	6.3	39
81	Oxysterol-induced osteogenic differentiation of marrow stromal cells is regulated by Dkk-1 inhibitable and PI3-kinase mediated signaling. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 424-36	4.7	37
80	Atherogenic phospholipids attenuate osteogenic signaling by BMP-2 and parathyroid hormone in osteoblasts. <i>Journal of Biological Chemistry</i> , 2007 , 282, 21237-43	5.4	36
79	Cytomegalovirus IE2 protein stimulates interleukin 1beta gene transcription via tethering to Spi-1/PU.1. <i>Molecular and Cellular Biology</i> , 1999 , 19, 6803-14	4.8	36
78	Long-term evaluation of oral gavage with periodontopathogens or ligature induction of experimental periodontal disease in mice. <i>Clinical Oral Investigations</i> , 2016 , 20, 1203-16	4.2	35
77	A novel osteogenic oxysterol compound for therapeutic development to promote bone growth: activation of hedgehog signaling and osteogenesis through smoothed binding. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 1872-85	6.3	35
76	Influence of anatomical location on CT numbers in cone beam computed tomography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013 , 115, 558-64	2	34
75	Osteonecrosis of the Jaw in the Absence of Antiresorptive or Antiangiogenic Exposure: A Series of 6 Cases. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 129-142	1.8	34
74	Regulation of the nuclear orphan receptor Nur77 in bone by parathyroid hormone. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 281, 913-6	3.4	34

73	Negative regulation of Hedgehog signaling by liver X receptors. <i>Molecular Endocrinology</i> , 2009 , 23, 1532-43		32
72	Osteogenic oxysterol, 20(S)-hydroxycholesterol, induces notch target gene expression in bone marrow stromal cells. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 782-95	6.3	29
71	Ligature-induced peri-implantitis and periodontitis in mice. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 89-99	7.7	28
70	GATA4 is essential for bone mineralization via ER and TGF β /BMP pathways. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 2676-87	6.3	28
69	Parathyroid hormone induces the nuclear orphan receptor NOR-1 in osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 306, 144-50	3.4	28
68	Parathyroid Hormone Induces Expression of the Nuclear Orphan Receptor Nurr1 in Bone Cells*This work was supported by NIH Grant R-01-DE-13316.		28
67	Parathyroid hormone induces expression of the inducible cAMP early repressor in osteoblastic MC3T3-E1 cells and mouse calvariae. <i>Journal of Bone and Mineral Research</i> , 1998 , 13, 1846-51	6.3	27
66	Parathyroid hormone-induced E4BP4/NFIL3 down-regulates transcription in osteoblasts. <i>Journal of Biological Chemistry</i> , 2003 , 278, 26803-9	5.4	26
65	Parathyroid hormone induces the NR4A family of nuclear orphan receptors in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 332, 494-503	3.4	25
64	Stage 0 osteonecrosis of the jaw in a patient on denosumab. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014 , 72, 702-16	1.8	24
63	The effects of hyperlipidemia on implant osseointegration in the mouse femur. <i>Journal of Oral Implantology</i> , 2015 , 41, e7-e11	1.2	23
62	Nfatc2 is a primary response gene of Nell-1 regulating chondrogenesis in ATDC5 cells. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1230-41	6.3	23
61	Modulation of the effects of glucocorticoids on collagen synthesis in fetal rat calvariae by insulin-like growth factor binding protein-2. <i>Journal of Bone and Mineral Research</i> , 1997 , 12, 889-95	6.3	23
60	PGC-1alpha is induced by parathyroid hormone and coactivates Nurr1-mediated promoter activity in osteoblasts. <i>Bone</i> , 2006 , 39, 1018-1025	4.7	23
59	Rheumatoid Arthritis Exacerbates the Severity of Osteonecrosis of the Jaws (ONJ) in Mice. A Randomized, Prospective, Controlled Animal Study. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1596-607	6.3	23
58	Biomimetic scaffolds facilitate healing of critical-sized segmental mandibular defects. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2015 , 36, 1-6	2.8	20
57	Imaging of Radiation- and Medication-Related Osteonecrosis. <i>Radiologic Clinics of North America</i> , 2018 , 56, 77-89	2.3	20
56	Bisphosphonate uptake in areas of tooth extraction or periapical disease. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014 , 72, 2461-8	1.8	20

55	Diverse osteoclastogenesis of bone marrow from mandible versus long bone. <i>Journal of Periodontology</i> , 2014 , 85, 829-36	4.6	20
54	An amplification and ligation-based method to scan for unknown mutations in DNA. <i>Human Mutation</i> , 2002 , 20, 139-47	4.7	19
53	Radiographic predictors of bone exposure in patients with stage 0 medication-related osteonecrosis of the jaws. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018 , 126, 537-544	2.5	19
52	Ligation of a primer at a mutation: a method to detect low level mutations in DNA. <i>Mutagenesis</i> , 2002 , 17, 365-74	2.8	18
51	Cone beam computed tomography imaging in the evaluation of the temporomandibular joint. <i>Journal of the California Dental Association</i> , 2010 , 38, 33-9	4.3	18
50	Development of oral osteomucosal tissue constructs in vitro and localization of fluorescently-labeled bisphosphonates to hard and soft tissue. <i>International Journal of Molecular Medicine</i> , 2014 , 34, 559-63	4.4	17
49	Assessment of CT numbers in limited and medium field-of-view scans taken using Accuitomo 170 and Veraviewepocs 3De cone-beam computed tomography scanners. <i>Imaging Science in Dentistry</i> , 2014 , 44, 279-85	2.2	17
48	Genomewide Association Study Identifies Cxcl Family Members as Partial Mediators of LPS-Induced Periodontitis. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1450-1463	6.3	16
47	Heritability of periodontal bone loss in mice. <i>Journal of Periodontal Research</i> , 2015 , 50, 730-6	4.3	16
46	Glucocorticoid inhibits the human pro-interleukin 1beta gene (IL1B) by decreasing DNA binding of transactivators to the signal-responsive enhancer. <i>Molecular Immunology</i> , 2006 , 43, 773-82	4.3	16
45	Cone beam computed tomography in the diagnosis of dental disease. <i>Journal of the California Dental Association</i> , 2010 , 38, 27-32	4.3	16
44	Bone morphogenetic protein-2-impregnated biomimetic scaffolds successfully induce bone healing in a marginal mandibular defect. <i>Laryngoscope</i> , 2013 , 123, 1149-55	3.6	15
43	Clinically Relevant Doses of Sclerostin Antibody Do Not Induce Osteonecrosis of the Jaw (ONJ) in Rats with Experimental Periodontitis. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 171-181	6.3	15
42	Vasculature submucosal changes at early stages of osteonecrosis of the jaw (ONJ). <i>Bone</i> , 2019 , 123, 234-245	4.7	14
41	A Murine Model of Lipopolysaccharide-Induced Peri-Implant Mucositis and Peri-Implantitis. <i>Journal of Oral Implantology</i> , 2015 , 41, e158-64	1.2	14
40	Modeling vitamin D insufficiency and moderate deficiency in adult mice via dietary cholecalciferol restriction. <i>Endocrine Research</i> , 2016 , 41, 290-299	1.9	14
39	Legal considerations in the use of cone beam computer tomography imaging. <i>Journal of the California Dental Association</i> , 2010 , 38, 49-56	4.3	14
38	Medication related osteonecrosis of the jaw in osteoporotic oncologic patients-quantifying radiographic appearance and relationship to clinical findings. <i>Dentomaxillofacial Radiology</i> , 2019 , 48, 20180128	3.9	13

37	Development of Medication-Related Osteonecrosis of the Jaw After Extraction of Teeth With Experimental Periapical Disease. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019 , 77, 71-86	1.8	13
36	Anomalies of the odontoid process discovered as incidental findings on cephalometric radiographs. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2003 , 124, 184-9	2.1	13
35	Nonsurgical Management of Medication-Related Osteonecrosis of the Jaws Using Local Wound Care. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018 , 76, 2332-2339	1.8	13
34	Parathyroid hormone induces mitogen-activated kinase phosphatase 1 in murine osteoblasts primarily through cAMP-protein kinase A signaling. <i>Journal of Periodontology</i> , 2006 , 77, 21-30	4.6	12
33	Effects of Bisphosphonate Administration on Cleft Bone Graft in a Rat Model. <i>Cleft Palate-Craniofacial Journal</i> , 2017 , 54, 687-698	1.9	11
32	Diet-related differences in craniodental morphology between captive-reared and wild coyotes, <i>Canis latrans</i> (Carnivora: Canidae). <i>Biological Journal of the Linnean Society</i> , 2018 , 123, 677-693	1.9	11
31	Reconstruction of the Alveolar Buccal Bone Plate in Compromised Fresh Socket after Immediate Implant Placement Followed by Immediate Provisionalization. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015 , 27, 122-35	3.5	11
30	Should Student Evaluation of Teaching Play a Significant Role in the Formal Assessment of Dental Faculty? Two Viewpoints: Viewpoint 1: Formal Faculty Assessment Should Include Student Evaluation of Teaching and Viewpoint 2: Student Evaluation of Teaching Should Not Be Part of Formal Faculty Assessment. <i>Journal of Dental Education</i> , 2017 , 81, 1362-1372	1.6	10
29	Deletion of Orai1 leads to bone loss aggravated with aging and impairs function of osteoblast lineage cells. <i>Bone Reports</i> , 2018 , 8, 147-155	2.6	9
28	Nuclear receptor profile in calvarial bone cells undergoing osteogenic versus adipogenic differentiation. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 1316-26	4.7	9
27	Intraosseous pneumatocysts of the cervical spine: a report of four cases and review of literature. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015 , 119, e49-54	2	8
26	Early intervention of peri-implantitis and periodontitis using a mouse model. <i>Journal of Periodontology</i> , 2018 , 89, 669-679	4.6	8
25	Skeletal and soft-tissue incidental findings on cone-beam computed tomography images. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013 , 143, 888-92	2.1	8
24	Response to comments on "diagnosis and management of osteoporosis of the jaw: a systematic review and international consensus". <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 1116-7	6.3	8
23	Defining the critical-sized defect in a rat segmental mandibulectomy model. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2014 , 140, 58-65	3.9	8
22	Severe magnesium deficiency compromises systemic bone mineral density and aggravates inflammatory bone resorption. <i>Journal of Nutritional Biochemistry</i> , 2020 , 77, 108301	6.3	8
21	The role of M1 and M2 macrophage polarization in progression of medication-related osteonecrosis of the jaw. <i>Clinical Oral Investigations</i> , 2021 , 25, 2845-2857	4.2	8
20	Local vs. systemic administration of bisphosphonates in rat cleft bone graft: A comparative study. <i>PLoS ONE</i> , 2018 , 13, e0190901	3.7	7

19	Does CBCT alter the diagnostic thinking efficacy, management and prognosis of patients with suspected Stage 0 medication-related osteonecrosis of the jaws?. <i>Dentomaxillofacial Radiology</i> , 2018 , 47, 20170290	3.9	7
18	Dental x-rays and risk of meningioma; the jury is still out. <i>Journal of Evidence-based Dental Practice</i> , 2012 , 12, 174-7	1.9	6
17	Efficacy of Intraperitoneal Administration of PEGylated NELL-1 for Bone Formation. <i>BioResearch Open Access</i> , 2016 , 5, 159-70	2.4	6
16	Different duration of parathyroid hormone exposure distinctively regulates primary response genes Nurr1 and RANKL in osteoblasts. <i>PLoS ONE</i> , 2018 , 13, e0208514	3.7	6
15	Volumetric assessment of cleft lip and palate defects using cone beam computed tomography. <i>Journal of the California Dental Association</i> , 2013 , 41, 813-7	4.3	5
14	Comparing the Healing Potential of Late-Stage Periodontitis and Peri-Implantitis. <i>Journal of Oral Implantology</i> , 2017 , 43, 437-445	1.2	4
13	Prostanoid- and interleukin-1-induced primary genes in cementoblastic cells. <i>Journal of Periodontology</i> , 2006 , 77, 1362-70	4.6	4
12	Evaluation of bone turnover after bisphosphonate withdrawal and its influence on implant osseointegration: an in vivo study in rats. <i>Clinical Oral Investigations</i> , 2019 , 23, 1733-1744	4.2	4
11	CCN1/Cyr61 Is Required in Osteoblasts for Responsiveness to the Anabolic Activity of PTH. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 2289-2300	6.3	3
10	A decade of cone beam computed tomography. <i>Journal of the California Dental Association</i> , 2010 , 38, 24-6	4.3	3
9	Cone beam computed tomography in the diagnosis of dental disease. <i>Texas Dental Journal</i> , 2011 , 128, 620-8	0	3
8	Regulation of Nur77 gene expression by prostanoids in cementoblastic cells. <i>Archives of Oral Biology</i> , 2009 , 54, 412-9	2.8	2
7	OSTEONECROSIS OF THE JAW: AN UPDATE FOR DENTISTS. <i>Journal of the Canadian Dental Association</i> , 2015 , 81, f19	2.1	2
6	Gelatine Based Bone Wax \square <i>Neurosurgery</i> , 2010 , 67, E521-E521	3.2	1
5	Local RANKL delivery improves socket healing in bisphosphonate treated rats. <i>Bone</i> , 2021 , 148, 115945	4.7	1
4	Reply to "Comment on Nonsurgical Management of Medication-Related Osteonecrosis of the Jaws Using Local Wound Care". <i>Journal of Oral and Maxillofacial Surgery</i> , 2019 , 77, 886-888	1.8	
3	Long-term evaluation of alendronate treatment on the healing of calvaria bone defects in rats. Biochemical, histological and immunohistochemical analyses. <i>Archives of Oral Biology</i> , 2020 , 117, 104779 ^{2.8}		
2	Osteonecrosis of the Jaw 2018 , 927-932		

1 Local delivery of a CXCR3 antagonist decreases the progression of bone resorption induced by LPS injection in a murine model.. *Clinical Oral Investigations*, **2022**, 1

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