

Sotirios Tetradis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Local delivery of a CXCR3 antagonist decreases the progression of bone resorption induced by LPS injection in a murine model.. <i>Clinical Oral Investigations</i> , 2022 , 1	4.2	
107	Local RANKL delivery improves socket healing in bisphosphonate treated rats. <i>Bone</i> , 2021 , 148, 115945	4.7	1
106	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
105	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}		
104	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
103	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
102	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	
101	Vasculature submucosal changes at early stages of osteonecrosis of the jaw (ONJ). <i>Bone</i> , 2019 , 123, 2342-2345	4.7	14
100	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
99	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
98	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
97	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
96	Early intervention of peri-implantitis and periodontitis using a mouse model. <i>Journal of Periodontology</i> , 2018 , 89, 669-679	4.6	8
95	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
94	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
93	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
92	Imaging of Radiation- and Medication-Related Osteonecrosis. <i>Radiologic Clinics of North America</i> , 2018 , 56, 77-89	2.3	20

91	Ligature-induced peri-implantitis and periodontitis in mice. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 89-99	7.7	28
90	Local vs. systemic administration of bisphosphonates in rat cleft bone graft: A comparative study. <i>PLoS ONE</i> , 2018 , 13, e0190901	3.7	7
89	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
88	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
87	Osteonecrosis of the Jaw 2018 , 927-932		
86	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	19	
85	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
84	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
83	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
82	Comparing the Healing Potential of Late-Stage Periodontitis and Peri-Implantitis. <i>Journal of Oral Implantology</i> , 2017 , 43, 437-445	1.2	4
81	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
80	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
79	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
78	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
77	Osteonecrosis of the jaws (ONJ) in mice after extraction of teeth with periradicular disease. <i>Bone</i> , 2016 , 90, 133-41	4.7	42
76	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
75	Efficacy of Intraperitoneal Administration of PEGylated NELL-1 for Bone Formation. <i>BioResearch Open Access</i> , 2016 , 5, 159-70	2.4	6
74	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

73	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
72	The effects of hyperlipidemia on implant osseointegration in the mouse femur. <i>Journal of Oral Implantology</i> , 2015 , 41, e7-e11	1.2	23
71	Pathophysiology of Osteonecrosis of the Jaws. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2015 , 27, 489-96	3.4	69
70	Nanodiamond-Gutta Percha Composite Biomaterials for Root Canal Therapy. <i>ACS Nano</i> , 2015 , 9, 11490-5017	3.7	98
69	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
68	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
67	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
66	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
65	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
64	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
63	Heritability of periodontal bone loss in mice. <i>Journal of Periodontal Research</i> , 2015 , 50, 730-6	4.3	16
62	OSTEONECROSIS OF THE JAW: AN UPDATE FOR DENTISTS. <i>Journal of the Canadian Dental Association</i> , 2015 , 81, f19	2.1	2
61	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
60	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
59	Diverse osteoclastogenesis of bone marrow from mandible versus long bone. <i>Journal of Periodontology</i> , 2014 , 85, 829-36	4.6	20
58	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
57	GATA4 is essential for bone mineralization via ERF and TGF β /BMP pathways. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 2676-87	6.3	28
56	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

55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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, 817-26	2	232
43	Adverse effects of hyperlipidemia on bone regeneration and strength. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 309-18	6.3	68
42	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
41	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
40	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
39	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
38	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

37	Cone beam computed tomography in the diagnosis of dental disease. <i>Texas Dental Journal</i> , 2011 , 128, 620-8	0	3
36	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
35	Gelatine Based Bone Wax \square <i>Neurosurgery</i> , 2010 , 67, E521-E521	3.2	1
34	Osteonecrosis of the jaw in a patient on Denosumab. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 959-63	1.8	191
33	Bone density and hyperlipidemia: the T-lymphocyte connection. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 2460-9	6.3	39
32	A decade of cone beam computed tomography. <i>Journal of the California Dental Association</i> , 2010 , 38, 24-6	4.3	3
31	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
30	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
29	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
28	Negative regulation of Hedgehog signaling by liver X receptors. <i>Molecular Endocrinology</i> , 2009 , 23, 1532-43		32
27	Regulation of Nur77 gene expression by prostanoids in cementoblastic cells. <i>Archives of Oral Biology</i> , 2009 , 54, 412-9	2.8	2
26	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
25	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
24	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
23	Oxysterols enhance osteoblast differentiation in vitro and bone healing in vivo. <i>Journal of Orthopaedic Research</i> , 2007 , 25, 1488-97	3.8	52
22	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
21	Prostanoid- and interleukin-1-induced primary genes in cementoblastic cells. <i>Journal of Periodontology</i> , 2006 , 77, 1362-70	4.6	4
20	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

19	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
18	Glucocorticoid inhibits the human pro-interleukin lbeta gene (IL1B) by decreasing DNA binding of transactivators to the signal-responsive enhancer. <i>Molecular Immunology</i> , 2006 , 43, 773-82	4.3	16
17	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
16	Nuclear orphan receptor Nurr1 directly transactivates the osteocalcin gene in osteoblasts. <i>Journal of Biological Chemistry</i> , 2004 , 279, 53167-74	5.4	42
15	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
14	Parathyroid hormone-induced E4BP4/NFIL3 down-regulates transcription in osteoblasts. <i>Journal of Biological Chemistry</i> , 2003 , 278, 26803-9	5.4	26
13	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
12	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
11	An amplification and ligation-based method to scan for unknown mutations in DNA. <i>Human Mutation</i> , 2002 , 20, 139-47	4.7	19
10	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
9	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
8	Parathyroid hormone induces expression of the nuclear orphan receptor Nurr1 in bone cells. <i>Endocrinology</i> , 2001 , 142, 663-70	4.8	69
7	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
6	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
5	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
4	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
3	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
2	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

1 Parathyroid Hormone Induces Expression of the Nuclear Orphan Receptor Nurr1 in Bone Cells*This work was supported by NIH Grant R-01-DE-13316.

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