

Christian Walter

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.

45
papers

1,446
citations

20
h-index

37
g-index

46
ext. papers

1,615
ext. citations

3.7
avg. IF

4.25
L-index

#	Paper	IF	Citations
45	Compressive force strengthened the pro-inflammatory effect of zoledronic acid on il-1 β -stimulated human periodontal fibroblasts. <i>Clinical Oral Investigations</i> , 2021 , 25, 3453-3461	4.2	
44	Digitale Volumentomographie zur Diagnostik von Entzündungen der Kieferknochen 2021 , 195-206		
43	Osteomyelitis, Osteoradionecrosis, and Medication-Related Osteonecrosis of Jaws 2021 , 461-472		
42	Influence of clodronate and compressive force on IL-1 β -stimulated human periodontal ligament fibroblasts. <i>Clinical Oral Investigations</i> , 2020 , 24, 343-350	4.2	7
41	Effects of an oral bisphosphonate and three intravenous bisphosphonates on several cell types in vitro. <i>Clinical Oral Investigations</i> , 2018 , 22, 2527-2534	4.2	22
40	Mechanical loading increases pro-inflammatory effects of nitrogen-containing bisphosphonate in human periodontal fibroblasts. <i>Clinical Oral Investigations</i> , 2018 , 22, 901-907	4.2	10
39	A retrospective study of osteomyelitis and osteonecrosis of the jaws and its etiologic implication of bisphosphonate in Asians. <i>Clinical Oral Investigations</i> , 2017 , 21, 1905-1911	4.2	11
38	Bone scintigraphy predicts bisphosphonate-induced osteonecrosis of the jaw (BRONJ) in patients with metastatic castration-resistant prostate cancer (mCRPC). <i>Clinical Oral Investigations</i> , 2016 , 20, 753-8	4.2	16
37	Influence of porcine-derived collagen matrix on endothelial progenitor cells: an in vitro study. <i>Odontology / the Society of the Nippon Dental University</i> , 2016 , 104, 19-26	3.6	13
36	Angiogenesis in the Development of Medication-Related Osteonecrosis of the Jaws: An Overview. <i>Dentistry Journal</i> , 2016 , 5,	3.1	7
35	Diabetes Mellitus and Its Association to the Occurrence of Medication-Related Osteonecrosis of the Jaw. <i>Dentistry Journal</i> , 2016 , 4,	3.1	5
34	Advantages and Disadvantages of Bone Protective Agents in Metastatic Prostate Cancer: Lessons Learned. <i>Dentistry Journal</i> , 2016 , 4,	3.1	2
33	Prevalence of Medication-Related Osteonecrosis of the Jaw in Patients with Breast Cancer, Prostate Cancer, and Multiple Myeloma. <i>Dentistry Journal</i> , 2016 , 4,	3.1	15
32	Impact of Soft Tissue Pathophysiology in the Development and Maintenance of Bisphosphonate-Related Osteonecrosis of the Jaw (BRONJ). <i>Dentistry Journal</i> , 2016 , 4,	3.1	9
31	Dental implants in patients treated with antiresorptive medication - a systematic literature review. <i>International Journal of Implant Dentistry</i> , 2016 , 2, 9	2.8	45
30	Sentinel lymph node biopsy in T1/T2 squamous cell carcinomas of the tongue: A prospective study. <i>Oncology Letters</i> , 2016 , 11, 600-604	2.6	18
29	Mechanical loading influences the effects of bisphosphonates on human periodontal ligament fibroblasts. <i>Clinical Oral Investigations</i> , 2015 , 19, 699-708	4.2	16

28	The influence of geranylgeraniol on human oral keratinocytes after bisphosphonate treatment: An in vitro study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015 , 43, 688-95	3.6	12
27	Effects of a low-level diode laser on oral keratinocytes, oral fibroblasts, endothelial cells and osteoblasts incubated with bisphosphonates: An study. <i>Biomedical Reports</i> , 2015 , 3, 14-18	1.8	16
26	Effect of compressive loading and incubation with clodronate on the RANKL/OPG system of human osteoblasts. <i>Journal of Orofacial Orthopedics</i> , 2015 , 76, 531-42	2.9	3
25	In vitro effects of bisphosphonates on chemotaxis, phagocytosis, and oxidative burst of neutrophil granulocytes. <i>Clinical Oral Investigations</i> , 2015 , 19, 139-48	4.2	23
24	Bisphosphonates inhibit cell functions of HUVECs, fibroblasts and osteogenic cells via inhibition of protein geranylgeranylation. <i>Clinical Oral Investigations</i> , 2015 , 19, 1079-91	4.2	16
23	Analysis of reasons for osteonecrosis of the jaws. <i>Clinical Oral Investigations</i> , 2014 , 18, 2221-6	4.2	23
22	Radiologic bone loss in patients with bisphosphonate-associated osteonecrosis of the jaws: a case-control study. <i>Clinical Oral Investigations</i> , 2014 , 18, 385-90	4.2	18
21	Current state of orthodontic patients under bisphosphonate therapy. <i>Head & Face Medicine</i> , 2013 , 9, 10	2.4	15
20	Osteogenic differentiation of periodontal fibroblasts is dependent on the strength of mechanical strain. <i>Archives of Oral Biology</i> , 2013 , 58, 896-904	2.8	51
19	[Orthodontic treatment of patients medicated with bisphosphonates-a clinical case report]. <i>Journal of Orofacial Orthopedics</i> , 2013 , 74, 28-39	2.9	7
18	Interactions between endothelial progenitor cells (EPC) and titanium implant surfaces. <i>Clinical Oral Investigations</i> , 2013 , 17, 301-9	4.2	36
17	Investigation of inhibitory effects on EPC-mediated neovascularization by different bisphosphonates for cancer therapy. <i>Biomedical Reports</i> , 2013 , 1, 719-722	1.8	13
16	Comments on Novel Therapy to Reverse the Cellular Effects of Bisphosphonates on Primary Human Oral Fibroblasts by Cozin M et al (2011). <i>Journal of Oral and Maxillofacial Surgery</i> , 2012 , 70, 3	1.8	
15	Influence of bisphosphonates on the osteoblast RANKL and OPG gene expression in vitro. <i>Clinical Oral Investigations</i> , 2012 , 16, 79-86	4.2	43
14	The influence of bisphosphonates on viability, migration, and apoptosis of human oral keratinocytes--in vitro study. <i>Clinical Oral Investigations</i> , 2012 , 16, 87-93	4.2	69
13	Bisphosphonate-related osteonecrosis of the jaws--a review. <i>Oral Oncology</i> , 2012 , 48, 938-947	4.4	97
12	Evaluation of saliva flow rates, Candida colonization and susceptibility of Candida strains after head and neck radiation. <i>Clinical Oral Investigations</i> , 2012 , 16, 1305-12	4.2	32
11	Zoledronate, ibandronate and clodronate enhance osteoblast differentiation in a dose dependent manner--a quantitative in vitro gene expression analysis of Dlx5, Runx2, OCN, MSX1 and MSX2. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2011 , 39, 562-9	3.6	33

10	Bisphosphonates: restrictions for vasculogenesis and angiogenesis: inhibition of cell function of endothelial progenitor cells and mature endothelial cells in vitro. <i>Clinical Oral Investigations</i> , 2011 , 15, 105-11	4.2	87
9	Osteonecrosis of the jaw related to sunitinib. <i>Oral and Maxillofacial Surgery</i> , 2011 , 15, 63-6	1.6	91
8	Prevalence of bisphosphonate associated osteonecrosis of the jaws in multiple myeloma patients. <i>Head & Face Medicine</i> , 2010 , 6, 11	2.4	60
7	Correlation between serum C-terminal cross-linking telopeptide of type I collagen and staging of oral bisphosphonate-related osteonecrosis of the jaws. <i>Journal of Oral and Maxillofacial Surgery</i> , 2009 , 67, 2644-8	1.8	59
6	Reply to Athanassios Kyrgidis, Zisis Teleioudis and Konstantinos Vahtsevanos [Letter to the Editor re: Christian Walter, Bilal Al-Nawas, Knut A. Grätz, et al. Prevalence and Risk Factors of Bisphosphonate-Associated Osteonecrosis of the Jaw in Prostate Cancer Patients with Advanced Disease Treated with Zoledronate. <i>Eur Urol</i> 2008;54:1066-72. <i>European Urology</i> , 2009 , 55, e74-e75	10.2	
5	Incidence of bisphosphonate-associated osteonecrosis of the jaws in breast cancer patients. <i>Cancer</i> , 2009 , 115, 1631-7	6.4	58
4	Prevalence and risk factors of bisphosphonate-associated osteonecrosis of the jaw in prostate cancer patients with advanced disease treated with zoledronate. <i>European Urology</i> , 2008 , 54, 1066-72	10.2	123
3	Prevalence of bisphosphonate associated osteonecrosis of the jaw within the field of osteonecrosis. <i>Supportive Care in Cancer</i> , 2007 , 15, 197-202	3.9	74
2	Actinomycosis of the jaws--histopathological study of 45 patients shows significant involvement in bisphosphonate-associated osteonecrosis and infected osteoradionecrosis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2007 , 451, 1009-17	5.1	147
1	Increased numbers of osteoclasts expressing cysteine proteinase cathepsin K in patients with infected osteoradionecrosis and bisphosphonate-associated osteonecrosis--a paradoxical observation?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2006 , 449, 448-54	5.1	31