

# Christian Walter

## List of Publications by Citations

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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	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> , <b>2007</b> , 451, 1009-17	5.1	147
44	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> , <b>2008</b> , 54, 1066-72	10.2	123
43	Bisphosphonate-related osteonecrosis of the jaws--a review. <i>Oral Oncology</i> , <b>2012</b> , 48, 938-947	4.4	97
42	Osteonecrosis of the jaw related to sunitinib. <i>Oral and Maxillofacial Surgery</i> , <b>2011</b> , 15, 63-6	1.6	91
41	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> , <b>2011</b> , 15, 105-11	4.2	87
40	Prevalence of bisphosphonate associated osteonecrosis of the jaw within the field of osteonecrosis. <i>Supportive Care in Cancer</i> , <b>2007</b> , 15, 197-202	3.9	74
39	The influence of bisphosphonates on viability, migration, and apoptosis of human oral keratinocytes--in vitro study. <i>Clinical Oral Investigations</i> , <b>2012</b> , 16, 87-93	4.2	69
38	Prevalence of bisphosphonate associated osteonecrosis of the jaws in multiple myeloma patients. <i>Head &amp; Face Medicine</i> , <b>2010</b> , 6, 11	2.4	60
37	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> , <b>2009</b> , 67, 2644-8	1.8	59
36	Incidence of bisphosphonate-associated osteonecrosis of the jaws in breast cancer patients. <i>Cancer</i> , <b>2009</b> , 115, 1631-7	6.4	58
35	Osteogenic differentiation of periodontal fibroblasts is dependent on the strength of mechanical strain. <i>Archives of Oral Biology</i> , <b>2013</b> , 58, 896-904	2.8	51
34	Dental implants in patients treated with antiresorptive medication - a systematic literature review. <i>International Journal of Implant Dentistry</i> , <b>2016</b> , 2, 9	2.8	45
33	Influence of bisphosphonates on the osteoblast RANKL and OPG gene expression in vitro. <i>Clinical Oral Investigations</i> , <b>2012</b> , 16, 79-86	4.2	43
32	Interactions between endothelial progenitor cells (EPC) and titanium implant surfaces. <i>Clinical Oral Investigations</i> , <b>2013</b> , 17, 301-9	4.2	36
31	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> , <b>2011</b> , 39, 562-9	3.6	33
30	Evaluation of saliva flow rates, Candida colonization and susceptibility of Candida strains after head and neck radiation. <i>Clinical Oral Investigations</i> , <b>2012</b> , 16, 1305-12	4.2	32
29	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> , <b>2006</b> , 443, 448-54	5.1	31

28	In vitro effects of bisphosphonates on chemotaxis, phagocytosis, and oxidative burst of neutrophil granulocytes. <i>Clinical Oral Investigations</i> , <b>2015</b> , 19, 139-48	4.2	23
27	Analysis of reasons for osteonecrosis of the jaws. <i>Clinical Oral Investigations</i> , <b>2014</b> , 18, 2221-6	4.2	23
26	Effects of an oral bisphosphonate and three intravenous bisphosphonates on several cell types in vitro. <i>Clinical Oral Investigations</i> , <b>2018</b> , 22, 2527-2534	4.2	22
25	Radiologic bone loss in patients with bisphosphonate-associated osteonecrosis of the jaws: a case-control study. <i>Clinical Oral Investigations</i> , <b>2014</b> , 18, 385-90	4.2	18
24	Sentinel lymph node biopsy in T1/T2 squamous cell carcinomas of the tongue: A prospective study. <i>Oncology Letters</i> , <b>2016</b> , 11, 600-604	2.6	18
23	Bone scintigraphy predicts bisphosphonate-induced osteonecrosis of the jaw (BRONJ) in patients with metastatic castration-resistant prostate cancer (mCRPC). <i>Clinical Oral Investigations</i> , <b>2016</b> , 20, 753-8	4.2	16
22	Mechanical loading influences the effects of bisphosphonates on human periodontal ligament fibroblasts. <i>Clinical Oral Investigations</i> , <b>2015</b> , 19, 699-708	4.2	16
21	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> , <b>2015</b> , 3, 14-18	1.8	16
20	Bisphosphonates inhibit cell functions of HUVECs, fibroblasts and osteogenic cells via inhibition of protein geranylgeranylation. <i>Clinical Oral Investigations</i> , <b>2015</b> , 19, 1079-91	4.2	16
19	Current state of orthodontic patients under bisphosphonate therapy. <i>Head &amp; Face Medicine</i> , <b>2013</b> , 9, 10	2.4	15
18	Prevalence of Medication-Related Osteonecrosis of the Jaw in Patients with Breast Cancer, Prostate Cancer, and Multiple Myeloma. <i>Dentistry Journal</i> , <b>2016</b> , 4,	3.1	15
17	Influence of porcine-derived collagen matrix on endothelial progenitor cells: an in vitro study. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2016</b> , 104, 19-26	3.6	13
16	Investigation of inhibitory effects on EPC-mediated neovascularization by different bisphosphonates for cancer therapy. <i>Biomedical Reports</i> , <b>2013</b> , 1, 719-722	1.8	13
15	The influence of geranylgeraniol on human oral keratinocytes after bisphosphonate treatment: An in vitro study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2015</b> , 43, 688-95	3.6	12
14	A retrospective study of osteomyelitis and osteonecrosis of the jaws and its etiologic implication of bisphosphonate in Asians. <i>Clinical Oral Investigations</i> , <b>2017</b> , 21, 1905-1911	4.2	11
13	Mechanical loading increases pro-inflammatory effects of nitrogen-containing bisphosphonate in human periodontal fibroblasts. <i>Clinical Oral Investigations</i> , <b>2018</b> , 22, 901-907	4.2	10
12	Impact of Soft Tissue Pathophysiology in the Development and Maintenance of Bisphosphonate-Related Osteonecrosis of the Jaw (BRONJ). <i>Dentistry Journal</i> , <b>2016</b> , 4,	3.1	9
11	[Orthodontic treatment of patients medicated with bisphosphonates-a clinical case report]. <i>Journal of Orofacial Orthopedics</i> , <b>2013</b> , 74, 28-39	2.9	7

10	Angiogenesis in the Development of Medication-Related Osteonecrosis of the Jaws: An Overview. <i>Dentistry Journal</i> , <b>2016</b> , 5,	3.1	7
9	Influence of clodronate and compressive force on IL-1 $\beta$ -stimulated human periodontal ligament fibroblasts. <i>Clinical Oral Investigations</i> , <b>2020</b> , 24, 343-350	4.2	7
8	Diabetes Mellitus and Its Association to the Occurrence of Medication-Related Osteonecrosis of the Jaw. <i>Dentistry Journal</i> , <b>2016</b> , 4,	3.1	5
7	Effect of compressive loading and incubation with clodronate on the RANKL/OPG system of human osteoblasts. <i>Journal of Orofacial Orthopedics</i> , <b>2015</b> , 76, 531-42	2.9	3
6	Advantages and Disadvantages of Bone Protective Agents in Metastatic Prostate Cancer: Lessons Learned. <i>Dentistry Journal</i> , <b>2016</b> , 4,	3.1	2
5	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> , <b>2012</b> , 70, 3	1.8	
4	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> , <b>2009</b> , 55, e74-e75	10.2	
3	Compressive force strengthened the pro-inflammatory effect of zoledronic acid on il-1 $\beta$ -stimulated human periodontal fibroblasts. <i>Clinical Oral Investigations</i> , <b>2021</b> , 25, 3453-3461	4.2	
2	Digitale Volumentomographie zur Diagnostik von Entzündungen der Kieferknochen <b>2021</b> , 195-206		
1	Osteomyelitis, Osteoradionecrosis, and Medication-Related Osteonecrosis of Jaws <b>2021</b> , 461-472		