

Ann Wennerberg

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.

53
papers

4,315
citations

30
h-index

54
g-index

54
ext. papers

4,820
ext. citations

5.2
avg, IF

5.73
L-index

#	Paper	IF	Citations
53	Oral implant surfaces: Part 1--review focusing on topographic and chemical properties of different surfaces and in vivo responses to them. <i>International Journal of Prosthodontics</i> , 2004 , 17, 536-43	1.9	568
52	Characteristics of the surface oxides on turned and electrochemically oxidized pure titanium implants up to dielectric breakdown: the oxide thickness, micropore configurations, surface roughness, crystal structure and chemical composition. <i>Biomaterials</i> , 2002 , 23, 491-501	15.6	423
51	On implant surfaces: a review of current knowledge and opinions. <i>International Journal of Oral and Maxillofacial Implants</i> , 2010 , 25, 63-74	2.8	305
50	Anchorage of TiO ₂ -blasted, HA-coated, and machined implants: an experimental study with rabbits. <i>Journal of Biomedical Materials Research Part B</i> , 1995 , 29, 1223-31		208
49	Foreign Body Reaction to Biomaterials: On Mechanisms for Buildup and Breakdown of Osseointegration. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 192-203	3.9	202
48	Improved retention and bone-to-implant contact with fluoride-modified titanium implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2004 , 19, 659-66	2.8	195
47	Determining optimal surface roughness of TiO ₂ blasted titanium implant material for attachment, proliferation and differentiation of cells derived from human mandibular alveolar bone. <i>Clinical Oral Implants Research</i> , 2001 , 12, 515-25	4.8	190
46	Is marginal bone loss around oral implants the result of a provoked foreign body reaction?. <i>Clinical Implant Dentistry and Related Research</i> , 2014 , 16, 155-65	3.9	184
45	Torque and histomorphometric evaluation of c.p. titanium screws blasted with 25- and 75-microns-sized particles of Al ₂ O ₃ . <i>Journal of Biomedical Materials Research Part B</i> , 1996 , 30, 251-60		165
44	Histologic evaluation of the bone integration of TiO ₂ blasted and turned titanium microimplants in humans. <i>Clinical Oral Implants Research</i> , 2001 , 12, 128-34	4.8	142
43	Reasons for marginal bone loss around oral implants. <i>Clinical Implant Dentistry and Related Research</i> , 2012 , 14, 792-807	3.9	138
42	Nano hydroxyapatite structures influence early bone formation. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 87, 299-307	5.4	136
41	Optimum surface properties of oxidized implants for reinforcement of osseointegration: surface chemistry, oxide thickness, porosity, roughness, and crystal structure. <i>International Journal of Oral and Maxillofacial Implants</i> , 2005 , 20, 349-59	2.8	114
40	Nanostructures and hydrophilicity influence osseointegration: a biomechanical study in the rabbit tibia. <i>Clinical Oral Implants Research</i> , 2014 , 25, 1041-50	4.8	102
39	On osseointegration in relation to implant surfaces. <i>Clinical Implant Dentistry and Related Research</i> , 2019 , 21 Suppl 1, 4-7	3.9	99
38	Survival and Complications of Zygomatic Implants: An Updated Systematic Review. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016 , 74, 1949-64	1.8	97
37	Engineered protein coatings to improve the osseointegration of dental and orthopaedic implants. <i>Biomaterials</i> , 2016 , 83, 269-82	15.6	84

36	Osseointegration and foreign body reaction: Titanium implants activate the immune system and suppress bone resorption during the first 4 weeks after implantation. <i>Clinical Implant Dentistry and Related Research</i> , 2018 , 20, 82-91	3.9	80
35	The effect of chemical and nanotopographical modifications on the early stages of osseointegration. <i>International Journal of Oral and Maxillofacial Implants</i> , 2008 , 23, 641-7	2.8	76
34	Increased bone formation to unstable nano rough titanium implants. <i>Clinical Oral Implants Research</i> , 2007 , 18, 326-32	4.8	74
33	Spontaneously formed nanostructures on titanium surfaces. <i>Clinical Oral Implants Research</i> , 2013 , 24, 203-9	4.8	72
32	Histological and three-dimensional evaluation of osseointegration to nanostructured calcium phosphate-coated implants. <i>Acta Biomaterialia</i> , 2011 , 7, 4229-34	10.8	67
31	A retrospective study on clinical and radiological outcomes of oral implants in patients followed up for a minimum of 20 years. <i>Clinical Implant Dentistry and Related Research</i> , 2018 , 20, 199-207	3.9	65
30	Production tolerance of additive manufactured polymeric objects for clinical applications. <i>Dental Materials</i> , 2016 , 32, 853-61	5.7	61
29	Local release of magnesium from mesoporous TiO ₂ coatings stimulates the peri-implant expression of osteogenic markers and improves osteoconductivity in vivo. <i>Acta Biomaterialia</i> , 2014 , 10, 5193-5201	10.8	54
28	Biomechanical evaluation and surface characterization of a nano-modified surface on PEEK implants: a study in the rabbit tibia. <i>International Journal of Nanomedicine</i> , 2014 , 9, 3903-11	7.3	40
27	In vivo biomechanical stability of osseointegrating mesoporous TiO ₂ implants. <i>Acta Biomaterialia</i> , 2012 , 8, 4438-46	10.8	39
26	On inflammation-immunological balance theory-A critical apprehension of disease concepts around implants: Mucositis and marginal bone loss may represent normal conditions and not necessarily a state of disease. <i>Clinical Implant Dentistry and Related Research</i> , 2019 , 21, 183-189	3.9	36
25	The biological response to three different nanostructures applied on smooth implant surfaces. <i>Clinical Oral Implants Research</i> , 2012 , 23, 706-712	4.8	31
24	In vitro dentin pretreatment: surface roughness and adhesive shear bond strength. <i>European Journal of Oral Sciences</i> , 1999 , 107, 400-13	2.3	30
23	Biomechanical, histological, and computed X-ray tomographic analyses of hydroxyapatite coated PEEK implants in an extended healing model in rabbit. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 1440-1447	5.4	28
22	Bone Immune Response to Materials, Part I: Titanium, PEEK and Copper in Comparison to Sham at 10 Days in Rabbit Tibia. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	26
21	Surface characterization of commercial oral implants on the nanometer level. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 92, 462-9	3.5	25
20	Osteoconductive Potential of Mesoporous Titania Implant Surfaces Loaded with Magnesium: An Experimental Study in the Rabbit. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17, 1048-59	3.9	21
19	The role of functional parameters for topographical characterization of bone-anchored implants. <i>Clinical Implant Dentistry and Related Research</i> , 2006 , 8, 70-6	3.9	18

18	Importance of Ca(2+) modifications for osseointegration of smooth and moderately rough anodized titanium implants - a removal torque and histological evaluation in rabbit. <i>Clinical Implant Dentistry and Related Research</i> , 2012 , 14, 737-45	3.9	16
17	Analysis of the bone ultrastructure around biodegradable Mg-xGd implants using small angle X-ray scattering and X-ray diffraction. <i>Acta Biomaterialia</i> , 2020 , 101, 637-645	10.8	14
16	Ligature-Induced Experimental Peri-Implantitis-A Systematic Review. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	12
15	Rational design and in vitro characterization of novel dental implant and abutment surfaces for balancing clinical and biological needs. <i>Clinical Implant Dentistry and Related Research</i> , 2019 , 21 Suppl 1, 15-24	3.9	10
14	Osseointegration effects of local release of strontium ranelate from implant surfaces in rats. <i>Journal of Materials Science: Materials in Medicine</i> , 2019 , 30, 116	4.5	10
13	Cobalt-chromium alloys fabricated with four different techniques: Ion release, toxicity of released elements and surface roughness. <i>Dental Materials</i> , 2020 , 36, e352-e363	5.7	9
12	Cellular responses to cobalt-chrome and CP titanium--an in vitro comparison of frameworks for implant-retained oral prostheses. <i>Swedish Dental Journal</i> , 2011 , 35, 177-86		9
11	Evaluation of bone healing on sandblasted and Acid etched implants coated with nanocrystalline hydroxyapatite: an in vivo study in rabbit femur. <i>International Journal of Dentistry</i> , 2014 , 2014, 197581	1.9	8
10	Characteristics of 2 Different Commercially Available Implants with or without Nanotopography. <i>International Journal of Dentistry</i> , 2013 , 2013, 769768	1.9	8
9	Bone Immune Response to Materials, Part II: Copper and Polyetheretherketone (PEEK) Compared to Titanium at 10 and 28 Days in Rabbit Tibia. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
8	Aseptic Ligatures Induce Marginal Peri-Implant Bone Loss-An 8-Week Trial in Rabbits. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
7	Production tolerance of conventional and digital workflow in the manufacturing of glass ceramic crowns. <i>Dental Materials</i> , 2019 , 35, 486-494	5.7	3
6	Magnesium release from mesoporous carriers on endosseus implants does not influence bone maturation at 6 weeks in rabbit bone. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 2118-2125	3.5	3
5	High-resolution analysis of the degradation and osseointegration of Mg-xGd implant screws in 3D.. <i>Bioactive Materials</i> , 2022 , 13, 37-52	16.7	3
4	Patient satisfaction and clinical outcomes in implant-supported overdentures retained by milled bars: Two-year follow-up. <i>Journal of Oral Rehabilitation</i> , 2019 , 46, 624-633	3.4	2
3	Multimodal ex vivo methods reveal that Gd-rich corrosion byproducts remain at the implant site of biodegradable Mg-Gd screws. <i>Acta Biomaterialia</i> , 2021 , 136, 582-591	10.8	2
2	Infraposition of anterior maxillary implant-supported single-tooth restorations in adolescent and adult patients-A prospective follow-up study up to 6 years. <i>Clinical Implant Dentistry and Related Research</i> , 2019 , 21, 953-959	3.9	1
1	Fixed full-arch maxillary prostheses supported by four versus six implants with a titanium CAD/CAM milled framework: 3-year multicentre RCT. <i>Clinical Oral Implants Research</i> , 2021 , 32, 44-59	4.8	0

