

Jan Eirik Ellingsen

List of Publications by Year in descending order

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53
papers

3,388
citations

185998

28
h-index

182168

51
g-index

53
all docs

53
docs citations

53
times ranked

3536
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluoride modification effects on osteoblast behavior and bone formation at TiO grit-blasted c.p. titanium endosseous implants. <i>Biomaterials</i> , 2006, 27, 926-936.	5.7	342
2	A study on the mechanism of protein adsorption to TiO ₂ . <i>Biomaterials</i> , 1991, 12, 593-596.	5.7	319
3	The influence of static and dynamic loading on marginal bone reactions around osseointegrated implants: an animal experimental study. <i>Clinical Oral Implants Research</i> , 2001, 12, 207-218.	1.9	312
4	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.	0.6	207
5	The effect of hydrofluoric acid treatment of titanium surface on nanostructural and chemical changes and the growth of MC3T3-E1 cells. <i>Biomaterials</i> , 2009, 30, 736-742.	5.7	186
6	Low-level laser therapy stimulates bone-implant interaction: an experimental study in rabbits. <i>Clinical Oral Implants Research</i> , 2004, 15, 325-332.	1.9	149
7	Effect of micro-roughness produced by TiO ₂ blasting on tensile testing of bone attachment by using coin-shaped implants. <i>Biomaterials</i> , 2002, 23, 4211-4219.	5.7	124
8	Advances in dental implant materials and tissue regeneration. <i>Periodontology 2000</i> , 2006, 41, 136-156.	6.3	124
9	In vivo expression of osteogenic markers and bone mineral density at the surface of fluoride-modified titanium implants. <i>Biomaterials</i> , 2008, 29, 3771-3780.	5.7	124
10	Analysing the optimal value for titanium implant roughness in bone attachment using a tensile test. <i>Biomaterials</i> , 2003, 24, 4559-4564.	5.7	122
11	Pre-treatment of titanium implants with fluoride improves their retention in bone. <i>Journal of Materials Science: Materials in Medicine</i> , 1995, 6, 749-753.	1.7	106
12	Titanium implant surface modification by cathodic reduction in hydrofluoric acid: Surface characterization and <i>in vivo</i> performance. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 581-588.	2.1	100
13	Oral hygiene, periodontal conditions and carious lesions in patients treated with dental bridges. A 15-year clinical and radiographic follow-up study. <i>Journal of Clinical Periodontology</i> , 1993, 20, 482-489.	2.3	80
14	Porous ceramic titanium dioxide scaffolds promote bone formation in rabbit peri-implant cortical defect model. <i>Acta Biomaterialia</i> , 2013, 9, 5390-5399.	4.1	76
15	Surface configurations of dental implants. <i>Periodontology 2000</i> , 1998, 17, 36-46.	6.3	72
16	In vivo performance of absorbable collagen sponges with rosuvastatin in critical-size cortical bone defects. <i>Acta Biomaterialia</i> , 2010, 6, 1405-1412.	4.1	70
17	Ultra-porous titanium oxide scaffold with high compressive strength. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2783-2792.	1.7	69
18	The use of a coin shaped implant for direct in situ measurement of attachment strength for osseointegrating biomaterial surfaces. <i>Biomaterials</i> , 2002, 23, 2201-2209.	5.7	59

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19	Extrinsic dental stain caused by chlorhexidine and other denaturing agents. <i>Journal of Clinical Periodontology</i> , 1982, 9, 317-322.	2.3	57
20	A study on the effect of dual blasting with TiO ₂ on titanium implant surfaces on functional attachment in bone. <i>Journal of Biomedical Materials Research - Part A</i> , 2003, 67A, 524-530.	2.1	51
21	The influence of surface nanoroughness, texture and chemistry of TiZr implant abutment on oral biofilm accumulation. <i>Clinical Oral Implants Research</i> , 2015, 26, 649-656.	1.9	47
22	Loadable TiO ₂ scaffolds – A correlation study between processing parameters, micro CT analysis and mechanical strength. <i>Journal of the European Ceramic Society</i> , 2009, 29, 2773-2781.	2.8	45
23	Hydride formation on titanium surfaces by cathodic polarization. <i>Applied Surface Science</i> , 2008, 255, 3011-3015.	3.1	44
24	Rosuvastatin Promotes Osteoblast Differentiation and Regulates SLC01A1 Transporter Gene Expression in MC3T3-E1 Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 647-656.	1.1	43
25	Controlled electro-implementation of fluoride in titanium implant surfaces enhances cortical bone formation and mineralization. <i>Acta Biomaterialia</i> , 2010, 6, 1025-1032.	4.1	41
26	Porous titanium granules promote bone healing and growth in rabbit tibia peri-implant osseous defects. <i>Clinical Oral Implants Research</i> , 2010, 21, 165-173.	1.9	40
27	Induction of Calcium Phosphate Precipitation by Titanium Dioxide. <i>Journal of Dental Research</i> , 1991, 70, 1346-1349.	2.5	39
28	In Vivo Accuracy of Implant Placement Using a Full Digital Planning Modality and Stereolithographic Guides. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, 124-132.	0.6	32
29	Tensile force testing of optimized coin-shaped titanium implant attachment kinetics in the rabbit tibiae. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 843-849.	1.7	28
30	In Vitro Osteogenic Properties of Two Dental Implant Surfaces. <i>International Journal of Biomaterials</i> , 2012, 2012, 1-14.	1.1	24
31	The effects of stannous and stannic ions on the formation and acidogenicity of dental plaque <i>in vivo</i> . <i>Acta Odontologica Scandinavica</i> , 1980, 38, 219-222.	0.9	23
32	Correlation between molecular signals and bone bonding to titanium implants. <i>Clinical Oral Implants Research</i> , 2013, 24, 1035-1043.	1.9	23
33	Plasma Fluoride Levels in Man Following Intake of SnF ₂ in Solution or Toothpaste. <i>Journal of Dental Research</i> , 1985, 64, 1250-1252.	2.5	20
34	Comparison of postoperative intraoral scan versus cone beam computerised tomography to measure accuracy of guided implant placement – A prospective clinical study. <i>Clinical Oral Implants Research</i> , 2019, 30, 531-541.	1.9	19
35	Extrinsic dental stain caused by stannous fluoride. <i>European Journal of Oral Sciences</i> , 1982, 90, 9-13.	0.7	16
36	Enhancement and inhibition of dental plaque formation – Some old and new concepts. <i>Biofouling</i> , 1991, 3, 175-181.	0.8	16

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37	Pretreatment of titanium implants with lanthanum ions alters the bone reaction. <i>Journal of Materials Science: Materials in Medicine</i> , 1995, 6, 125-129.	1.7	16
38	The effect of hydrofluoric acid treatment of titanium and titanium dioxide surface on primary human osteoblasts. <i>Clinical Oral Implants Research</i> , 2014, 25, 385-394.	1.9	15
39	Treatment of dentin with stannous fluoride ? SEM and electron microprobe study. <i>European Journal of Oral Sciences</i> , 1987, 95, 281-286.	0.7	14
40	Chemical analysis and scanning electron microscopy of acquired pellicle formed in vivo on stannous fluoride treated enamel. <i>European Journal of Oral Sciences</i> , 1991, 99, 205-211.	0.7	13
41	Effect of Proline-Rich Synthetic Peptide-Coated Titanium Implants on Bone Healing in a Rabbit Model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e547-e555.	0.6	13
42	Hydrofluoric acid treatment of titanium surfaces enhances the proliferation of human gingival fibroblasts. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141982895.	2.3	13
43	Coating of titanium with hydroxyapatite leads to decreased bone formation. <i>Bone and Joint Research</i> , 2012, 1, 125-130.	1.3	10
44	Identification of Early Response Genes to Roughness and Fluoride Modification of Titanium Implants in Human Osteoblasts. <i>Implant Dentistry</i> , 2012, 21, 141-149.	1.7	9
45	Scanning electron microscope and electron microprobe study of reactions of stannous fluoride and stannous chloride with dental enamel. <i>European Journal of Oral Sciences</i> , 1986, 94, 299-305.	0.7	8
46	<i>In vivo</i> performance of titanium implants functionalized with eicosapentaenoic acid and UV irradiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 83-92.	2.1	8
47	TiO ₂ scaffolds in peri-implant dehiscence defects: an experimental pilot study. <i>Clinical Oral Implants Research</i> , 2016, 27, 1200-1206.	1.9	7
48	Impact of simultaneous placement of implant and block bone graft substitute: an in vivo peri-implant defect model. <i>Biomaterials Research</i> , 2021, 25, 43.	3.2	6
49	Effects of ionizing irradiation and interface backscatter on human mesenchymal stem cells cultured on titanium surfaces. <i>European Journal of Oral Sciences</i> , 2019, 127, 500-507.	0.7	4
50	Dental plaque inhibition by a combination of triclosan and polydimethylsiloxane (silicone oil). <i>European Journal of Oral Sciences</i> , 1994, 102, 26-30.	0.7	2
51	Experiments with a toothpaste containing polydimethylsiloxan/triclosan. <i>European Journal of Oral Sciences</i> , 1993, 101, 130-132.	0.7	1
52	Effect on plaque formation and acidogenicity of stored aqueous solutions of stannous fluoride. <i>European Journal of Oral Sciences</i> , 1982, 90, 429-433.	0.7	0
53	Inducing Bone Growth Using Extracellular Matrix Proteins. , 2003, , .		0