Jan Eirik Ellingsen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2003898/publications.pdf

Version: 2024-02-01

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	Impact of simultaneous placement of implant and block bone graft substitute: an in vivo peri-implant defect model. Biomaterials Research, 2021, 25, 43.	3.2	6
2	Effects of ionizing irradiation and interface backscatter on human mesenchymal stem cells cultured on titanium surfaces. European Journal of Oral Sciences, 2019, 127, 500-507.	0.7	4
3	In Vivo Accuracy of Implant Placement Using a Full Digital Planning Modality and Stereolithographic Guides. International Journal of Oral and Maxillofacial Implants, 2019, 34, 124-132.	0.6	32
4	Comparison of postoperative intraoral scan versus cone beam computerised tomography to measure accuracy of guided implant placementâ€"A prospective clinical study. Clinical Oral Implants Research, 2019, 30, 531-541.	1.9	19
5	Hydrofluoric acid treatment of titanium surfaces enhances the proliferation of human gingival fibroblasts. Journal of Tissue Engineering, 2019, 10, 204173141982895.	2.3	13
6	TiO₂ scaffolds in periâ€implant dehiscence defects: an experimental pilot study. Clinical Oral Implants Research, 2016, 27, 1200-1206.	1.9	7
7	The influence of surface nanoroughness, texture and chemistry of TiZr implant abutment on oral biofilm accumulation. Clinical Oral Implants Research, 2015, 26, 649-656.	1.9	47
8	The effect of hydrofluoric acid treatment of titanium and titanium dioxide surface on primary human osteoblasts. Clinical Oral Implants Research, 2014, 25, 385-394.	1.9	15
9	Correlation between molecular signals and bone bonding to titanium implants. Clinical Oral Implants Research, 2013, 24, 1035-1043.	1.9	23
10	Porous ceramic titanium dioxide scaffolds promote bone formation in rabbit peri-implant cortical defect model. Acta Biomaterialia, 2013, 9, 5390-5399.	4.1	76
11	Effect of Proline-Rich Synthetic Peptideâ€"Coated Titanium Implants on Bone Healing in a Rabbit Model. International Journal of Oral and Maxillofacial Implants, 2013, 28, e547-e555.	0.6	13
12	Identification of Early Response Genes to Roughness and Fluoride Modification of Titanium Implants in Human Osteoblasts. Implant Dentistry, 2012, 21, 141-149.	1.7	9
13	In Vitro Osteogenic Properties of Two Dental Implant Surfaces. International Journal of Biomaterials, 2012, 2012, 1-14.	1.1	24
14	Coating of titanium with hydroxyapatite leads to decreased bone formation. Bone and Joint Research, 2012, 1, 125-130.	1.3	10
15	In vivo performance of titanium implants functionalized with eicosapentaenoic acid and UV irradiation. Journal of Biomedical Materials Research - Part A, 2011, 96A, 83-92.	2.1	8
16	In vivo performance of absorbable collagen sponges with rosuvastatin in critical-size cortical bone defects. Acta Biomaterialia, 2010, 6, 1405-1412.	4.1	70
17	Ultra-porous titanium oxide scaffold with high compressive strength. Journal of Materials Science: Materials in Medicine, 2010, 21, 2783-2792.	1.7	69
18	Porous titanium granules promote bone healing and growth in rabbit tibia periâ€implant osseous defects. Clinical Oral Implants Research, 2010, 21, 165-173.	1.9	40

#	Article	IF	Citations
19	Rosuvastatin Promotes Osteoblast Differentiation and Regulates SLCO1A1 Transporter Gene Expression in MC3T3-E1 Cells. Cellular Physiology and Biochemistry, 2010, 26, 647-656.	1.1	43
20	Controlled electro-implementation of fluoride in titanium implant surfaces enhances cortical bone formation and mineralization. Acta Biomaterialia, 2010, 6, 1025-1032.	4.1	41
21	Titanium implant surface modification by cathodic reduction in hydrofluoric acid: Surface characterization and in vivo performance. Journal of Biomedical Materials Research - Part A, 2009, 88A, 581-588.	2.1	100
22	The effect of hydrofluoric acid treatment of titanium surface on nanostructural and chemical changes and the growth of MC3T3-E1 cells. Biomaterials, 2009, 30, 736-742.	5.7	186
23	Loadable TiO2 scaffoldsâ€"A correlation study between processing parameters, micro CT analysis and mechanical strength. Journal of the European Ceramic Society, 2009, 29, 2773-2781.	2.8	45
24	Hydride formation on titanium surfaces by cathodic polarization. Applied Surface Science, 2008, 255, 3011-3015.	3.1	44
25	In vivo expression of osteogenic markers and bone mineral density at the surface of fluoride-modified titanium implants. Biomaterials, 2008, 29, 3771-3780.	5.7	124
26	Advances in dental implant materials and tissue regeneration. Periodontology 2000, 2006, 41, 136-156.	6.3	124
27	Fluoride modification effects on osteoblast behavior and bone formation at TiO grit-blasted c.p. titanium endosseous implants. Biomaterials, 2006, 27, 926-936.	5.7	342
28	Low-level laser therapy stimulates bone-implant interaction: an experimental study in rabbits. Clinical Oral Implants Research, 2004, 15, 325-332.	1.9	149
29	Improved retention and bone-tolmplant contact with fluoride-modified titanium implants. International Journal of Oral and Maxillofacial Implants, 2004, 19, 659-66.	0.6	207
30	Tensile force testing of optimized coin-shaped titanium implant attachment kinetics in the rabbit tibiae. Journal of Materials Science: Materials in Medicine, 2003, 14, 843-849.	1.7	28
31	A study on the effect of dual blasting with TiO2on titanium implant surfaces on functional attachment in bone. Journal of Biomedical Materials Research - Part A, 2003, 67A, 524-530.	2.1	51
32	Analysing the optimal value for titanium implant roughness in bone attachment using a tensile test. Biomaterials, 2003, 24, 4559-4564.	5.7	122
33	Inducing Bone Growth Using Extracellular Matrix Proteins. , 2003, , .		0
34	The use of a coin shaped implant for direct in situ measurement of attachment strength for osseointegrating biomaterial surfaces. Biomaterials, 2002, 23, 2201-2209.	5.7	59
35	Effect of micro-roughness produced by TiO2 blastingâ€"tensile testing of bone attachment by using coin-shaped implants. Biomaterials, 2002, 23, 4211-4219.	5.7	124
36	The influence of static and dynamic loading on marginal bone reactions around osseointegrated implants: an animal experimental study. Clinical Oral Implants Research, 2001, 12, 207-218.	1.9	312

#	Article	IF	Citations
37	Surface configurations of dental implants. Periodontology 2000, 1998, 17, 36-46.	6.3	72
38	Pretreatment of titanium implants with lanthanum ions alters the bone reaction. Journal of Materials Science: Materials in Medicine, 1995, 6, 125-129.	1.7	16
39	Pre-treatment of titanium implants with fluoride improves their retention in bone. Journal of Materials Science: Materials in Medicine, 1995, 6, 749-753.	1.7	106
40	Dental plaque inhibition by a combination of triclosan and polydimethylsiloxane (silicone oil). European Journal of Oral Sciences, 1994, 102, 26-30.	0.7	2
41	Oral hygiene, periodontal conditions and carious lesions in patients treated with dental bridges. A 15-year clinical and radiographic follow-up study. Journal of Clinical Periodontology, 1993, 20, 482-489.	2.3	80
42	Experiments with a toothpaste containing polydimethylsiloxan/triclosan. European Journal of Oral Sciences, 1993, 101, 130-132.	0.7	1
43	Enhancement and inhibition of dental plaque formation â€" Some old and new concepts. Biofouling, 1991, 3, 175-181.	0.8	16
44	Chemical analysis and scanning electron microscopy of acquired pellicle formed in vivo on stannous fluoride treated enamel. European Journal of Oral Sciences, 1991, 99, 205-211.	0.7	13
45	A study on the mechanism of protein adsorption to TiO2. Biomaterials, 1991, 12, 593-596.	5.7	319
46	Induction of Calcium Phosphate Precipitation by Titanium Dioxide. Journal of Dental Research, 1991, 70, 1346-1349.	2.5	39
47	Treatment of dentin with stannous fluoride ? SEM and electron microprobe study. European Journal of Oral Sciences, 1987, 95, 281-286.	0.7	14
48	Scanning electron microscope and electron microprobe study of reactions of stannous fluoride and stannous chloride with dental enamel. European Journal of Oral Sciences, 1986, 94, 299-305.	0.7	8
49	Plasma Fluoride Levels in Man Following Intake of SnF2 in Solution or Toothpaste. Journal of Dental Research, 1985, 64, 1250-1252.	2.5	20
50	Extrinsic dental stain caused by stannous fluoride. European Journal of Oral Sciences, 1982, 90, 9-13.	0.7	16
51	Effect on plaque formation and acidogenicity of stored aqueous solutions of stannous fluoride. European Journal of Oral Sciences, 1982, 90, 429-433.	0.7	0
52	Extrinsic dental stain caused by chlorhexidine and other denaturing agents. Journal of Clinical Periodontology, 1982, 9, 317-322.	2.3	57
53	The effects of stannous and stannic ions on the formation and acidogenicity of dental plaquein vivo. Acta Odontologica Scandinavica, 1980, 38, 219-222.	0.9	23