

Kyoung-Nam Kim

List of Publications by Year in descending order

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35
papers

573
citations

623734

14
h-index

610901

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35
all docs

35
docs citations

35
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Catechol-Functionalized Synthetic Polymer as a Dental Adhesive to Contaminated Dentin Surface for a Composite Restoration. <i>Biomacromolecules</i> , 2015, 16, 2265-2275.	5.4	76
2	Dimensional changes of dental impression materials by thermal changes. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 217-220.	3.1	58
3	Non-thermal atmospheric pressure plasma functionalized dental implant for enhancement of bacterial resistance and osseointegration. <i>Dental Materials</i> , 2017, 33, 257-270.	3.5	57
4	Selective Killing Effects of Cold Atmospheric Pressure Plasma with NO Induced Dysfunction of Epidermal Growth Factor Receptor in Oral Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2016, 11, e0150279.	2.5	43
5	Cytotoxicity and anti-inflammatory effects of zinc ions and eugenol during setting of ZOE in immortalized human oral keratinocytes grown as three-dimensional spheroids. <i>Dental Materials</i> , 2016, 32, e93-e104.	3.5	32
6	The release behavior of CHX from polymer-coated titanium surfaces. <i>Surface and Interface Analysis</i> , 2008, 40, 202-204.	1.8	31
7	Resin bonding of metal brackets to glazed zirconia with a porcelain primer. <i>Korean Journal of Orthodontics</i> , 2015, 45, 299.	2.3	29
8	The effects of non-thermal atmospheric pressure plasma jet on cellular activity at SLA-treated titanium surfaces. <i>Current Applied Physics</i> , 2013, 13, S36-S41.	2.4	27
9	Non-thermal atmospheric pressure plasma increased mRNA expression of growth factors in human gingival fibroblasts. <i>Clinical Oral Investigations</i> , 2016, 20, 1801-1808.	3.0	24
10	Immunomodulatory/anti-inflammatory effect of ZOE-based dental materials. <i>Dental Materials</i> , 2017, 33, e1-e12.	3.5	24
11	Effect of ferrite thermoseeds on destruction of carcinoma cells under alternating magnetic field. <i>Journal of Materials Science</i> , 2003, 38, 4221-4233.	3.7	22
12	BMP-2 Promotes Oral Squamous Carcinoma Cell Invasion by Inducing CCL5 Release. <i>PLoS ONE</i> , 2014, 9, e108170.	2.5	20
13	The effects of non-thermal atmospheric pressure plasma jet on attachment of osteoblast. <i>Current Applied Physics</i> , 2013, 13, S42-S47.	2.4	19
14	Effect of non-thermal air atmospheric pressure plasma jet treatment on gingival wound healing. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 075402.	2.8	16
15	Titanium-Silver Alloy Miniplates for Mandibular Fixation: In-Vitro and In-Vivo Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 1622.e1-1622.e12.	1.2	14
16	Mechanism study on surface activation of surfactant-modified polyvinyl siloxane impression materials. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2395-2401.	2.6	13
17	Cytotoxicity and terminal differentiation of human oral keratinocyte by indium ions from a silver-palladium-gold-indium dental alloy. <i>Dental Materials</i> , 2015, 31, 123-133.	3.5	13
18	Surface modification of a guided tissue regeneration membrane using tetracycline-containing biodegradable polymers. <i>Surface and Interface Analysis</i> , 2008, 40, 192-197.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Effects of a Nonthermal Atmospheric Pressure Plasma Jet on Human Gingival Fibroblasts for Biomedical Application. <i>BioMed Research International</i> , 2016, 2016, 1-9.	1.9	9
20	Synthesis and Performance of Magnetic Composite Comprising Barium Ferrite and Biopolymer. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 2961-2963.	2.1	8
21	Time-dependent growth of TiO ₂ nanotubes from a magnetron sputtered Ti thin film. <i>Thin Solid Films</i> , 2013, 547, 181-187.	1.8	7
22	Synthesis and evaluation of tetracycline encapsulated in poly (lactic-co-glycolic acid) on porous titania formed by using plasma electrolytic oxidation. <i>Journal of the Korean Physical Society</i> , 2012, 60, 954-958.	0.7	5
23	The enhanced integrin-mediated cell attachment and osteogenic gene expression on atmospheric pressure plasma jet treated micro-structured titanium surfaces. <i>Current Applied Physics</i> , 2014, 14, S167-S171.	2.4	5
24	Change of surface property of dental impression materials according to time and disinfection. <i>Surface and Interface Analysis</i> , 2008, 40, 188-191.	1.8	4
25	Cytotoxicity Test of One-Step Self-Etching Bonding Agents by Standardized Dentin Barrier Test Using Polyurethane Discs. <i>Materials</i> , 2014, 7, 85-96.	2.9	4
26	Biological evaluation of micro-nanoporous layer on Ti-4Ag alloy for dental implant. <i>International Journal of Materials Research</i> , 2012, 103, 749-754.	0.3	3
27	Effect of external stresses on calcium phosphate glass investigated by IR spectroscopy. , 2000, 49, 233-237.		1
28	Effect of external stresses on calcium phosphate glass investigated by IR spectroscopy. , 2000, 50, 280-280.		0
29	Effect of non-thermal plasma on loading of tetracycline combined with plga into titania nanotube. , 2012, , .		0
30	Effects of tooth whitening by a cold atmospheric nitrogen plasma. , 2012, , .		0
31	Enhanced function of human periodontal ligament cells cultured on nanoporous titanium surfaces. , 2012, , .		0
32	Antimicrobial efficacy of non-thermal atmospheric pressure plasma jet on oral micro-organisms. , 2012, , .		0
33	Surface oxide layer formation on Au-Pt-Pd-Si alloys for dental resin restorations. <i>International Journal of Materials Research</i> , 2012, 103, 1503-1508.	0.3	0
34	Time-dependent growth of titania nanotubes from sputtered titanium thin films for bio-application. , 2012, , .		0
35	Effect of low temperature degradation on multi-layered zirconia block for dental CAD/CAM. <i>Korean Journal of Dental Materials</i> , 2021, 48, 221-228.	0.1	0