Kwang-Mahn Kim

List of Publications by Year
in descending order

146	2,878	186265	265206
papers	citations	28 h-index	42 g-index

149	149	149	3819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeting to carcinoma cells with chitosanâ€•and starchâ€•coated magnetic nanoparticles for magnetic hyperthermia. Journal of Biomedical Materials Research - Part A, 2009, 88A, 1-11.	4.0	100
2	Cytotoxicity of ferrite particles by MTT and agar diffusion methods for hyperthermic application. Journal of Magnetism and Magnetic Materials, 2005, 293, 287-292.	2.3	77
3	Catechol-Functionalized Synthetic Polymer as a Dental Adhesive to Contaminated Dentin Surface for a Composite Restoration. Biomacromolecules, 2015, 16, 2265-2275.	5.4	76
4	Effects of thermoforming on the physical and mechanical properties of thermoplastic materials for transparent orthodontic aligners. Korean Journal of Orthodontics, 2018, 48, 316.	2.3	75
5	Preparation and characterization of magnetic chitosan particles for hyperthermia application. Journal of Magnetism and Magnetic Materials, 2005, 293, 328-333.	2.3	74
6	Temperature change of various ferrite particles with alternating magnetic field for hyperthermic application. Journal of Magnetism and Magnetic Materials, 2005, 293, 320-327.	2.3	68
7	Bioactivity of calcium phosphate coatings prepared by electrodeposition in a modified simulated body fluid. Materials Letters, 2006, 60, 2573-2577.	2.6	66
8	The antibacterial effect of non-thermal atmospheric pressure plasma treatment of titanium surfaces according to the bacterial wall structure. Scientific Reports, 2019, 9, 1938.	3.3	63
9	A stainless steel bracket for orthodontic application. European Journal of Orthodontics, 2005, 27, 237-244.	2.4	61
10	Dimensional changes of dental impression materials by thermal changes. Journal of Biomedical Materials Research Part B, 2001, 58, 217-220.	3.1	58
11	Acid neutralizing, mechanical and physical properties of pit and fissure sealants containing melt-derived 45S5 bioactive glass. Dental Materials, 2013, 29, 1228-1235.	3.5	58
12	Non-thermal atmospheric pressure plasma functionalized dental implant for enhancement of bacterial resistance and osseointegration. Dental Materials, 2017, 33, 257-270.	3.5	57
13	Bioactive calcium phosphate coating prepared on H2O2-treated titanium substrate by electrodeposition. Surface and Coatings Technology, 2005, 195, 252-257.	4.8	54
14	Antibacterial effect of sand blasted, large-grit, acid-etched treated Tiâ€“Ag alloys. Materials Research Bulletin, 2012, 47, 2952-2955.	5.2	50
15	Improvement of bonding strength to titanium surface by solâ€“gel derived hybrid coating of hydroxyapatite and titania by solâ€“gel process. Surface and Coatings Technology, 2007, 202, 1135-1138.	4.8	46
16	Evaluation of the marginal and internal discrepancies of CAD-CAM endocrowns with different cavity depths: An inÂvitro study. Journal of Prosthetic Dentistry, 2017, 117, 109-115.	2.8	46
17	Time-dependent effects of ultraviolet and nonthermal atmospheric pressure plasma on the biological activity of titanium. Scientific Reports, 2016, 6, 33421.	3.3	43
18	Selective Killing Effects of Cold Atmospheric Pressure Plasma with NO Induced Dysfunction of Epidermal Growth Factor Receptor in Oral Squamous Cell Carcinoma. PLoS ONE, 2016, 11, e0150279.	2.5	43

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19	Drug-loaded porous spherical hydroxyapatite granules for bone regeneration. Journal of Materials Science: Materials in Medicine, 2011, 22, 349-355.	3.6	42
20	Bioactive resin-based composite with surface pre-reacted glass-ionomer filler and zwitterionic material to prevent the formation of multi-species biofilm. Dental Materials, 2019, 35, 1331-1341.	3.5	41
21	Study on bioactivity and bonding strength between Ti alloy substrate and TiO2 film by micro-arc oxidation. Thin Solid Films, 2011, 519, 7065-7070.	1.8	38
22	Comparing Properties of Variable Pore-Sized 3D-Printed PLA Membrane with Conventional PLA Membrane for Guided Bone/Tissue Regeneration. Materials, 2019, 12, 1718.	2.9	38
23	Enamel Surface with Pit and Fissure Sealant Containing 45S5 Bioactive Glass. Journal of Dental Research, 2016, 95, 550-557.	5.2	37
24	Achieving controllable degradation of a biomedical magnesium alloy by anodizing in molten ammonium bifluoride. Surface and Coatings Technology, 2017, 313, 282-287.	4.8	35
25	Feasibility of three-dimensional macroporous scaffold using calcium phosphate glass and polyurethane sponge. Journal of Materials Science, 2006, 41, 4357-4364.	3.7	32
26	Surface modification of biphasic calcium phosphate scaffolds by non-thermal atmospheric pressure nitrogen and air plasma treatment for improving osteoblast attachment and proliferation. Thin Solid Films, 2013, 547, 235-240.	1.8	32
27	Cytotoxicity and anti-inflammatory effects of zinc ions and eugenol during setting of ZOE in immortalized human oral keratinocytes grown as three-dimensional spheroids. Dental Materials, 2016, 32, e93-e104.	3.5	32
28	Changes in the physical properties and color stability of aesthetic restorative materials caused by various beverages. Dental Materials Journal, 2019, 38, 33-40.	1.8	32
29	The release behavior of CHX from polymerâ€coated titanium surfaces. Surface and Interface Analysis, 2008, 40, 202-204.	1.8	31
30	Cellular Attachment and Differentiation on Titania Nanotubes Exposed to Air- or Nitrogen-Based Non-Thermal Atmospheric Pressure Plasma. PLoS ONE, 2014, 9, e113477.	2.5	31
31	Proliferation, differentiation, and calcification of preosteoblast-like MC3T3-E1 cells cultured onto noncrystalline calcium phosphate glass. Journal of Biomedical Materials Research Part B, 2004, 69A, 188-195.	3.1	29
32	The Study on Inhibition of Planktonic Bacterial Growth by Non-Thermal Atmospheric Pressure Plasma Jet Treated Surfaces for Dental Application. Journal of Biomedical Nanotechnology, 2015, 11, 334-341.	1.1	29
33	Bacterial attachment on titanium surfaces is dependent on topography and chemical changes induced by nonthermal atmospheric pressure plasma. Biomedical Materials (Bristol), 2017, 12, 045015.	3.3	29
34	Cytotoxicity of Light-Cured Dental Materials according to Different Sample Preparation Methods. Materials, 2017, 10, 288.	2.9	29
35	E-beam fabrication of antibacterial silver nanoparticles on diameter-controlled TiO2 nanotubes for bio-implants. Surface and Coatings Technology, 2013, 228, S360-S366.	4.8	28
36	Air atmospheric-pressure plasma-jet treatment enhances the attachment of human gingival fibroblasts for early peri-implant soft tissue seals on titanium dental implant abutments. Acta Odontologica Scandinavica, 2015, 73, 67-75.	1.6	28

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37	Overcoming the biological aging of titanium using a wet storage method after ultraviolet treatment. Scientific Reports, 2017, 7, 3833.	3.3	28
38	Effect of wet storage on the bioactivity of ultraviolet light- and non-thermal atmospheric pressure plasma-treated titanium and zirconia implant surfaces. Materials Science and Engineering C, 2019, 105, 110049.	7.3	28
39	Cytotoxicity, Colour Stability and Dimensional Accuracy of 3D Printing Resin with Three Different Photoinitiators. Polymers, 2022, 14, 979.	4.5	28
40	Bioresorbable magnesium-reinforced PLA membrane for guided bone/tissue regeneration. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104061.	3.1	27
41	Novel anti-biofouling bioactive calcium silicate-based cement containing 2-methacryloyloxyethyl phosphorylcholine. PLoS ONE, 2019, 14, e0211007.	2.5	26
42	The effects of enhancing the surface energy of a polystyrene plate by air atmospheric pressure plasma jet on early attachment of fibroblast under moving incubation. Thin Solid Films, 2013, 547, 99-105.	1.8	25
43	Modification of TiO₂nanotube surfaces by electro-spray deposition of amoxicillin combined with PLGA for bactericidal effects at surgical implantation sites. Acta Odontologica Scandinavica, 2013, 71, 168-174.	1.6	25
44	Influences of filler content and size on the color adjustment potential of nonlayered resin composites. Dental Materials Journal, 2017, 36, 35-40.	1.8	25
45	Novel anti-biofouling light-curable fluoride varnish containing 2-methacryloyloxyethyl phosphorylcholine to prevent enamel demineralization. Scientific Reports, 2019, 9, 1432.	3.3	25
46	Silver ion-exchanged sodium titanate and resulting effect on antibacterial efficacy. Surface and Coatings Technology, 2010, 205, S172-S176.	4.8	24
47	Non-thermal atmospheric pressure plasma increased mRNA expression of growth factors in human gingival fibroblasts. Clinical Oral Investigations, 2016, 20, 1801-1808.	3.0	24
48	Immunomodulatory/anti-inflammatory effect of ZOE-based dental materials. Dental Materials, 2017, 33, e1-e12.	3.5	24
49	Round robin study to evaluate the reconstructed human epidermis (RhE) model as an in vitro skin irritation test for detection of irritant activity in medical device extracts. Toxicology in Vitro, 2018, 50, 439-449.	2.4	24
50	Evaluation of copper ion of antibacterial effect on Pseudomonas aeruginosa, Salmonella typhimurium and Helicobacter pylori and optical, mechanical properties. Applied Surface Science, 2012, 258, 3823-3828.	6.1	23
51	Cytotoxicity evaluation of zinc oxide-eugenol and non-eugenol cements using different fibroblast cell lines. Acta Odontologica Scandinavica, 2014, 72, 64-70.	1.6	23
52	Effect of the ultraviolet light treatment and storage methods on the biological activity of a titanium implant surface. Dental Materials, 2017, 33, 1426-1435.	3.5	23
53	Bioactivity and mechanical properties of collagen composite membranes reinforced by chitosan and Î²â€tricalcium phosphate. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 1935-1942.	3.4	22
54	Synergistic Effect of Porous Hydroxyapatite Scaffolds Combined with Bioactive Glass/Poly(lactic-co-glycolic acid) Composite Fibers Promotes Osteogenic Activity and Bioactivity. ACS Omega, 2019, 4, 2302-2310.	3.5	21

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55	BMP-2 Promotes Oral Squamous Carcinoma Cell Invasion by Inducing CCL5 Release. PLoS ONE, 2014, 9, e108170.	2.5	20
56	The Effects of Non-Thermal Atmospheric Pressure Plasma treated Titanium Surface on Behaviors of Oral Soft Tissue Cells. Scientific Reports, 2018, 8, 15963.	3.3	20
57	Development of a Bioactive Flowable Resin Composite Containing a Zinc-Doped Phosphate-Based Glass. Nanomaterials, 2020, 10, 2311.	4.1	20
58	The biomimetic apatite-cefalotin coatings on modified titanium. Dental Materials Journal, 2012, 31, 98-105.	1.8	19
59	The disinfection of impression materials by using microwave irradiation and hydrogen peroxide. Journal of Prosthetic Dentistry, 2014, 112, 981-987.	2.8	19
60	Acid Neutralizing Ability and Shear Bond Strength Using Orthodontic Adhesives Containing Three Different Types of Bioactive Glass. Materials, 2016, 9, 125.	2.9	18
61	Antibacterial activity and effect on gingival cells of microwave-pulsed non-thermal atmospheric pressure plasma in artificial saliva. Scientific Reports, 2017, 7, 8395.	3.3	18
62	Prevention of Secondary Caries Using Resin-Based Pit and Fissure Sealants Containing Hydrated Calcium Silicate. Polymers, 2020, 12, 1200.	4.5	18
63	Bone formation in calvarial defects of Sprague-Dawley rats by transplantation of calcium phosphate glass. Journal of Biomedical Materials Research - Part A, 2005, 74A, 497-502.	4.0	17
64	Debonding force and shear bond strength of an array of CAD/CAM-based customized orthodontic brackets, placed by indirect bonding- An In Vitro study. PLoS ONE, 2018, 13, e0202952.	2.5	17
65	Strain of bone-implant interface and insertion torque regarding different miniscrew thread designs using an artificial bone model. European Journal of Orthodontics, 2015, 37, 268-274.	2.4	16
66	Effect of non-thermal air atmospheric pressure plasma jet treatment on gingival wound healing. Journal Physics D: Applied Physics, 2016, 49, 075402.	2.8	16
67	Boron nitride nanoplatelets as reinforcement material for dental ceramics. Dental Materials, 2020, 36, 744-754.	3.5	16
68	Gelatin-layered and multi-sized porous Î²-tricalcium phosphate for tissue engineering scaffold. Nanoscale Research Letters, 2012, 7, 78.	5.7	15
69	Cytotoxicity test of dentin bonding agents using millipore filters as dentin substitutes in a dentin barrier test. Clinical Oral Investigations, 2013, 17, 1489-1496.	3.0	15
70	Cell immobilization on polymer by air atmospheric pressure plasma jet treatment. Japanese Journal of Applied Physics, 2014, 53, 086202.	1.5	15
71	Long-Term Antibacterial Performance and Bioactivity of Plasma-Engineered Ag-NPs/TiO₂ Nanotubes for Bio-Implants. Journal of Biomedical Nanotechnology, 2016, 12, 1890-1906.	1.1	15
72	Improvement of the mechanical and biological properties of bioactive glasses by the addition of zirconium oxide (ZrO₂) as a synthetic bone graft substitute. Journal of Biomedical Materials Research - Part A, 2021, 109, 1196-1208.	4.0	15

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73	Bone Regeneration Using a Mixture of Silicon-Substituted Coral HA and Î²-TCP in a Rat Calvarial Bone Defect Model. Materials, 2016, 9, 97.	2.9	14
74	Titanium-Silver Alloy Miniplates for Mandibular Fixation: InÂVitro and InÂVivo Study. Journal of Oral and Maxillofacial Surgery, 2016, 74, 1622.e1-1622.e12.	1.2	14
75	A prospective, split-mouth, clinical study of orthodontic titanium miniscrews with machined and acid-etched surfaces. Angle Orthodontist, 2019, 89, 411-417.	2.4	14
76	Enhanced mechanical properties of ZrO2-Al2O3 dental ceramic composites by altering Al2O3 form. Dental Materials, 2020, 36, e117-e125.	3.5	14
77	Physical, Chemical, Mechanical, and Biological Properties of Four Different Commercial Root-End Filling Materials: A Comparative Study. Materials, 2021, 14, 1693.	2.9	14
78	Mechanism study on surface activation of surfactant-modified polyvinyl siloxane impression materials. Journal of Applied Polymer Science, 2004, 92, 2395-2401.	2.6	13
79	Development of hydrophilic dental wax without surfactant using a non-thermal air atmospheric pressure plasma jet. Journal Physics D: Applied Physics, 2014, 47, 235402.	2.8	13
80	Cytotoxicity and terminal differentiation of human oral keratinocyte by indium ions from a silverâ€“palladiumâ€“goldâ€“indium dental alloy. Dental Materials, 2015, 31, 123-133.	3.5	13
81	The <i>in vitro</i> and <i>in vivo</i> effects of a fast-dissolving mucoadhesive bi-layered strip as topical anesthetics. Dental Materials Journal, 2016, 35, 601-605.	1.8	13
82	Effect of calcium phosphate glass on bone formation in calvarial defects of Sprague-Dawley rats. Journal of Materials Science: Materials in Medicine, 2006, 17, 807-813.	3.6	12
83	Enamel Demineralization Resistance and Remineralization by Various Fluoride-Releasing Dental Restorative Materials. Materials, 2021, 14, 4554.	2.9	12
84	Effect of non-ionic surfactants on surface properties of hydrophilic polyvinyl siloxane impression materials. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 229, 9-17.	4.7	10
85	Antibacterial effect and cytocompatibility of nano-structured TiO2 film containing Cl. Dental Materials Journal, 2011, 30, 790-798.	1.8	10
86	Enhanced Osteogenic Differentiation of Human Mesenchymal Stem Cells on Amine-Functionalized Titanium Using Humidified Ammonia Supplied Nonthermal Atmospheric Pressure Plasma. International Journal of Molecular Sciences, 2020, 21, 6085.	4.1	10
87	Antibacterial and Osteogenic Activity of Titania Nanotubes Modified with Electrospray-Deposited Tetracycline Nanoparticles. Nanomaterials, 2020, 10, 1093.	4.1	10
88	Biodistribution of chitosan-based magnetite suspensions for targeted hyperthermia in ICR mice. IEEE Transactions on Magnetics, 2005, 41, 4158-4160.	2.1	9
89	Surface modification of a guided tissue regeneration membrane using tetracyclineâ€containing biodegradable polymers. Surface and Interface Analysis, 2008, 40, 192-197.	1.8	9
90	Multiple Teeth Fractures in Dentinogenesis Imperfecta: A Case Report. Journal of Clinical Pediatric Dentistry, 2014, 38, 362-365.	1.0	9

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91	The effect of fluoride-containing oral rinses on the corrosion resistance of titanium alloy (Ti-6Al-4V). Korean Journal of Orthodontics, 2017, 47, 306.	2.3	9
92	Effects of incorporating 45S5 bioactive glass into 30% hydrogen peroxide solution on whitening efficacy and enamel surface properties. Clinical Oral Investigations, 2022, 26, 5301-5312.	3.0	9
93	Antibacterial effects and cytocompatibility of titanium anodized in sodium chloride, calcium acetate, and ÃŸ-glycerol phosphate disodium salt pentahydrate mixed solution. Thin Solid Films, 2009, 517, 5390-5393.	1.8	8
94	Osteoconduction capacity of human deciduous and permanent teeth ash in a rat calvarial bone defect model. Cell and Tissue Banking, 2015, 16, 361-369.	1.1	8
95	Effects of prestretch on stress relaxation and permanent deformation of orthodontic synthetic elastomeric chains. Korean Journal of Orthodontics, 2018, 48, 384.	2.3	8
96	Effects of 35% hydrogen peroxide solution containing hydrated calcium silicate on enamel surface. Clinical Oral Investigations, 2022, 26, 2133-2142.	3.0	8
97	Synthesis and Performance of Magnetic Composite Comprising Barium Ferrite and Biopolymer. IEEE Transactions on Magnetics, 2004, 40, 2961-2963.	2.1	8
98	Osteogenic Properties of Novel Methylsulfonylmethane-Coated Hydroxyapatite Scaffold. International Journal of Molecular Sciences, 2020, 21, 8501.	4.1	7
99	Comparison of physical properties of the various 3D printing temporary crown and bridge resin. Korean Journal of Dental Materials, 2019, 46, 139-152.	0.1	7
100	Multivalent network modifier upregulates bioactivity of multispecies biofilm-resistant polyalkenoate cement. Bioactive Materials, 2022, 14, 219-233.	15.6	7
101	Air Atmospheric Pressure Plasma Jet Pretreatment for Drop-Wise Loading of Dexamethasone on Hydroxyapatite Scaffold for Increase of Osteoblast Attachment. Journal of Nanoscience and Nanotechnology, 2014, 14, 7654-7661.	0.9	6
102	Development of a transparent, non-cytotoxic, silver ion-exchanged glass with antimicrobial activity and low ion elution. Enzyme and Microbial Technology, 2015, 72, 65-71.	3.2	6
103	Comparison of the Physical and Mechanical Properties of Resin Matrix with Two Photoinitiator Systems in Dental Adhesives. Polymers, 2016, 8, 250.	4.5	6
104	Effects of recycling on the biomechanical characteristics of retrieved orthodontic miniscrews. Korean Journal of Orthodontics, 2017, 47, 238.	2.3	6
105	In vitro Effects of Cyclic Dislodgement on Retentive Properties of Various Titanium-Based Dental Implant Overdentures Attachment System. Materials, 2019, 12, 3770.	2.9	6
106	Fabrication and characterization of the microporous and nanoporous anodic oxidations of titaniumâ€“silver alloys. Surface and Interface Analysis, 2010, 42, 524-529.	1.8	5
107	Development and in vitro assays of porous calcium polyphosphate granules. Ceramics International, 2013, 39, 4991-4997.	4.8	5
108	Biocompatibility Evaluation of Dental Luting Cements Using Cytokine Released from Human Oral Fibroblasts and Keratinocytes. Materials, 2015, 8, 7269-7277.	2.9	5

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109	Primary Stability of Orthodontic Titanium Miniscrews due to Cortical Bone Density and Re-Insertion. Materials, 2020, 13, 4433.	2.9	5
110	Acid neutralizing and remineralizing orthodontic adhesive containing hydrated calcium silicate. Journal of Dentistry, 2022, 123, 104204.	4.1	5
111	Tuning of magnetite nanoparticles to hyperthermic thermoseed by controlled spray method. Journal of Materials Science, 2006, 41, 7279-7282.	3.7	4
112	Change of surface property of dental impression materials according to time and disinfection. Surface and Interface Analysis, 2008, 40, 188-191.	1.8	4
113	Effect of the simulated body fluid containing bleaching agent on the hypersensitivity and surface microhardness of the tooth. Materials Letters, 2011, 65, 3502-3505.	2.6	4
114	Fabrication of hollow hydroxyapatite spherical granules for hard tissue regeneration and alternative method for drug release test. Micro and Nano Letters, 2012, 7, 634.	1.3	4
115	Tooth Whitening Effects by Atmospheric Pressure Cold Plasmas with Different Gases. Japanese Journal of Applied Physics, 2013, 52, 11NF02.	1.5	4
116	Cytotoxicity Test of One-Step Self-Etching Bonding Agents by Standardized Dentin Barrier Test Using Polyurethane Discs. Materials, 2014, 7, 85-96.	2.9	4
117	Effect of Heat and Sonic Vibration on Penetration of a Flowable Resin Composite Used as a Pit and Fissure Sealant. Journal of Clinical Pediatric Dentistry, 2020, 44, 41-46.	1.0	4
118	Time-dependent effects after enamel fluoride application on an acid etching system in orthodontic bracket bonding. Clinical Oral Investigations, 2021, 25, 497-505.	3.0	4
119	Positive control for cytotoxicity evaluation of dental vinyl polysiloxane impression materials using sodium lauryl sulfate. Acta Odontologica Scandinavica, 2014, 72, 618-622.	1.6	3
120	Effects of a Non-Thermal Atmospheric Pressure Plasma Jet with Different Gas Sources and Modes of Treatment on the Fate of Human Mesenchymal Stem Cells. Applied Sciences (Switzerland), 2019, 9, 4819.	2.5	3
121	Adhesion between Epoxy Resin-Based Fiber Post and Dental Core Resin Improved by Non-Thermal Atmospheric Pressure Plasma. Applied Sciences (Switzerland), 2020, 10, 2535.	2.5	3
122	Multiple Porous Synthetic Bone Graft Comprising EngineeredMicro-Channel for Drug Carrier and Bone Regeneration. Materials, 2021, 14, 5320.	2.9	3
123	Evaluation of Physical Properties of Titanium Specimen Fabricated by 3D Printing Technique. Korean Journal of Dental Materials, 2016, 43, 29-42.	0.1	3
124	Characterization of hydroxyapatite containing a titania layer formed by anodization coupled with blasting. Acta Odontologica Scandinavica, 2014, 72, 989-998.	1.6	2
125	An Alternative to Annealing TiO₂ Nanotubes for Morphology Preservation: Atmospheric Pressure Plasma Jet Treatment. Journal of Nanoscience and Nanotechnology, 2015, 15, 2501-2507.	0.9	2
126	Mechanical Properties and Wear Resistance of Commercial Stainless Steel Used in Dental Instruments. Materials, 2021, 14, 827.	2.9	2

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127	A Study on the Fluoride Release, Microhardness and Cytotoxicity of Fluoride Releasing Restorative Materials. Korean Journal of Dental Materials, 2016, 43, 299-306.	0.1	2
128	Mechanical and physico-chemical properties of premixed-MTA in contact with three different types of solutions. Korean Journal of Dental Materials, 2021, 48, 281-292.	0.1	2
129	Release of Bisphenol A from Pit and Fissure Sealants According to Different pH Conditions. Polymers, 2022, 14, 37.	4.5	2
130	Necrosis of Carcinoma Cells Using<tex>$hboxCo_1-rm xhboxNi_rm xhboxFe_2hboxO_4$</tex>and<tex>$hboxBa_1-rm xhboxSr_rm xhboxFe_12hboxO_19$</tex>Ferrites Under Alternating Magnetic Field. IEEE Transactions on Magnetics, 2004, 40, 2985-2987.	2.1	1
131	Agar Overlay Test of Root Canal Sealers Before and After Setting Procedures. Korean Journal of Dental Materials, 2016, 43, 91-100.	0.1	1
132	Effect of non-thermal atmospheric pressure nitrogen and air plasma on the surface properties and the disinfection of denture base resin. Journal of Korean Society of Dental Hygiene, 2014, 14, 783-788.	0.1	1
133	In vitro and in vivo biocompatibility evaluation of dental zirconia ceramic. Ci'gwa Gi'jae Haghoeji - Daehan Ci'gwa Gi'jae Haghoe, 2015, 42, 65.	0.3	1
134	Study on the efficacy, physical and chemical properties of tooth manicure products. Korean Journal of Dental Materials, 2020, 47, 23-36.	0.1	1
135	Effect of non-thermal plasma on loading of tetracycline combined with plga into titania nanotube. , 2012, , .		0
136	Effects of tooth whitening by a cold atmospheric nitrogen plasma. , 2012, , .		0
137	Enhanced funtion of human periodontal ligament cells cultured on nanoporous titanium surfaces. , 2012, , .		0
138	Antimicrobial efficacy of non-thermal atmospheric pressure plasma jet on oral micro-organisms. , 2012, , .		0
139	Surface oxide layer formation on Au-Pt-Pd-Si alloys for dental resin restorations. International Journal of Materials Research, 2012, 103, 1503-1508.	0.3	0
140	Time-dependent growth of titania nanotubes from sputtered titanium thin films for bio-application. , 2012, , .		0
141	A Comparative Study of Three Cytotoxicity Test Methods for Nanomaterials Using Sodium Lauryl Sulfate. Journal of Nanoscience and Nanotechnology, 2014, 14, 8043-8047.	0.9	0
142	Extraction analysis of dental materials for safety evaluation using human oral mucosa model. Ci'gwa Gi'jae Haghoeji - Daehan Ci'gwa Gi'jae Haghoe, 2015, 42, 1.	0.3	0
143	Tooth bleaching effect by nonthermal atmospheric pressure plasma with humid condition. Ci'gwa Gi'jae Haghoeji - Daehan Ci'gwa Gi'jae Haghoe, 2015, 42, 157.	0.3	0
144	Resistance to decalcification of enamel of glass ionomer cement with Î±-TCP. Ci'gwa Gi'jae Haghoeji - Daehan Ci'gwa Gi'jae Haghoe, 2015, 42, 107.	0.3	0

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145	Comparative study for global harmonization of dental materialsâ€™ classification of various countries. Ci'gwa Gi'jae Haghoeji - Daehan Ci'gwa Gi'jae Haghoe, 2015, 42, 335.	0.3	0
146	Investigational Study of Hybrid Bone Graft Materials with Calcium Silicate and PluronicÂ® F127-based Hydrogel. Korean Journal of Dental Materials, 2016, 43, 73-80.	0.1	0