

# Seung-Han Oh

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,205  
citations

686830

13  
h-index

301761

39  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3747  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear bond strengths of various resin cements between three types of adherends and bovine teeth with and without thermocycling. <i>Dental Materials Journal</i> , 2022, 41, .	0.8	2
2	Oral Microbiome Using <i>Colocasia antiquorum</i> var. <i>esculenta</i> Extract Varnish in a Mouse Model with Oral Gavage of <i>P. gingivalis</i> ATCC 53978. <i>Medicina (Lithuania)</i> , 2022, 58, 506.	0.8	1
3	In Vivo Study for Clinical Application of Dental Stem Cell Therapy Incorporated with Dental Titanium Implants. <i>Materials</i> , 2021, 14, 381.	1.3	2
4	Evaluation of the effect of vacuum heat treatment on the visible light remote-controlled drug release and antimicrobial activity of gold nanoparticle coated titania nanotubes. <i>Korean Journal of Dental Materials</i> , 2021, 48, 41-52.	0.2	0
5	Inhibitory Effect of <i>Asplenium incisum</i> on Bacterial Growth, Inflammation, and Osteoclastogenesis. <i>Medicina (Lithuania)</i> , 2021, 57, 641.	0.8	0
6	Visible Light-Mediated Sustainable Antibacterial Activity and Osteogenic Functionality of Au and Pt Multi-Coated TiO <sub>2</sub> Nanotubes. <i>Materials</i> , 2021, 14, 5976.	1.3	7
7	Effects of <i>Colocasia antiquorum</i> var. <i>Esculenta</i> Extract In Vitro and In Vivo against Periodontal Disease. <i>Medicina (Lithuania)</i> , 2021, 57, 1054.	0.8	3
8	Machinability evaluation of ceramic blocks for CAM by merlon fracture test model. <i>Korean Journal of Dental Materials</i> , 2021, 49, 15-25.	0.2	1
9	Visible Light-Enhanced Antibacterial and Osteogenic Functionality of Au and Pt Nanoparticles Deposited on TiO <sub>2</sub> Nanotubes. <i>Materials</i> , 2020, 13, 3721.	1.3	16
10	Antibacterial, anti-inflammatory, and anti-osteoclastogenic activities of <i>Colocasia antiquorum</i> var. <i>esculenta</i> : Potential applications in preventing and treating periodontal diseases. <i>Dental Materials Journal</i> , 2020, 39, 1096-1102.	0.8	3
11	Diffuse reflection characterization and visible light mediated antibacterial effect of Pt-TiO <sub>2</sub> nanotubes. <i>Korean Journal of Dental Materials</i> , 2020, 47, 93-104.	0.2	2
12	Efficacy of the extract of <i>Brachypodium sylvaticum</i> as a preventive and an improving agent of periodontal disease. <i>Korean Journal of Dental Materials</i> , 2020, 47, 235-244.	0.2	0
13	Sustained antibacterial effects of antibacterial agents against <i>Streptococcus mutans</i> applied on hydroxyapatite disc. <i>Korean Journal of Dental Materials</i> , 2020, 47, 245-252.	0.2	1
14	Antibacterial sustainability of experimental fluoride varnish added with adhesive components. <i>Korean Journal of Dental Materials</i> , 2020, 47, 203-210.	0.2	0
15	Inhibitory effects on <i>Streptococcus mutans</i> of antibacterial agents mixed with experimental fluoride varnish. <i>Dental Materials Journal</i> , 2020, 39, 690-695.	0.8	8
16	Remineralization effect of experimental fluoride varnish with nano-sized hydroxyapatite and tricalcium phosphate. <i>Korean Journal of Dental Materials</i> , 2020, 47, 131-142.	0.2	2
17	Characterization of an anti-foaming and fast-setting gypsum for dental stone. <i>Dental Materials</i> , 2019, 35, 1728-1739.	1.6	2
18	Improvement of the osteogenic potential of ErhBMP-2/EGCG-coated biphasic calcium phosphate bone substitute: in vitro and in vivo activity. <i>Journal of Periodontal and Implant Science</i> , 2019, 49, 114.	0.9	3

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19	Effect of accelerated aging on long-term accuracy of full arches manufactured using various 3-dimensional printers. Korean Journal of Dental Materials, 2019, 46, 61-74.	0.2	1
20	Near-infrared laser-mediated drug release and antibacterial activity of gold nanorod-sputtered titania nanotubes. Journal of Tissue Engineering, 2018, 9, 204173141879031.	2.3	13
21	The evaluation of the shear bond strength between various Hybrid CAD/CAM restorative materials and repairing composite resins. Korean Journal of Dental Materials, 2018, 45, 45-56.	0.2	3
22	Titania nanotube template based synthesis of gold nanotubes and their antibacterial activity. Korean Journal of Dental Materials, 2018, 45, 35-44.	0.2	0
23	Reinforcing effect of glass-fiber mesh on complete dentures in a test model with a simulated oral mucosa. Journal of Prosthetic Dentistry, 2017, 118, 650-657.	1.1	4
24	Evaluation of acceleration aging effect on the deformity of dental 3D printer products. Korean Journal of Dental Materials, 2017, 44, 53-60.	0.2	4
25	In vivo evaluation of infrared LASER mediated drug release of PLA-tetracycline complexes coated gold nanoparticle-titania nanotubes with mouse. Korean Journal of Dental Materials, 2017, 44, 33-41.	0.2	1
26	Development of fluoride varnish with sustained fluoride release and biocompatibility. Korean Journal of Dental Materials, 2017, 44, 21-31.	0.2	4
27	Effect of the Crystallization Process on the Marginal and Internal Gaps of Lithium Disilicate CAD/CAM Crowns. BioMed Research International, 2016, 2016, 1-6.	0.9	14
28	Effect of Experimental Fluoride Varnish upon the Vickers Hardness of Bovine Teeth. Korean Journal of Dental Materials, 2016, 43, 81-90.	0.2	1
29	Adaptability of Cores Fabricated by CAD/CAM Technology and Press Technique. Korean Journal of Dental Materials, 2016, 43, 361-368.	0.2	0
30	The Evaluation of Osseointegration of Dental Implant Surface with Different Size of TiO <sub>2</sub> Nanotube in Rats. Journal of Nanomaterials, 2015, 2015, 1-11.	1.5	15
31	Osseointegration of Implants Surface-Treated with Various Diameters of TiO <sub>2</sub> Nanotubes in Rabbit. Journal of Nanomaterials, 2015, 2015, 1-11.	1.5	10
32	The Effect of Covalently Immobilized FGF-2 on Biphasic Calcium Phosphate Bone Substitute on Enhanced Biological Compatibility and Activity. BioMed Research International, 2015, 2015, 1-10.	0.9	10
33	UV Photocatalysis of Bone Marrow-Derived Macrophages on TiO <sub>2</sub> Nanotubes Mediates Intracellular Ca <sup>2+</sup> Influx via Voltage-Gated Ca <sup>2+</sup> Channels. Journal of Nanomaterials, 2015, 2015, 1-7.	1.5	0
34	Effects of glass fiber mesh with different fiber content and structures on the compressive properties of complete dentures. Journal of Prosthetic Dentistry, 2015, 113, 636-644.	1.1	20
35	Infrared-Mediated Drug Elution Activity of Gold Nanorod-Grafted TiO <sub>2</sub> Nanotubes. Journal of Nanomaterials, 2014, 2014, 1-8.	1.5	8
36	Visible Light Irradiation-Mediated Drug Elution Activity of Nitrogen-Doped TiO <sub>2</sub> Nanotubes. Journal of Nanomaterials, 2013, 2013, 1-7.	1.5	5

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37	Effect of RGD Peptide-Coated TiO <sub>2</sub> Nanotubes on the Attachment, Proliferation, and Functionality of Bone-Related Cells. Journal of Nanomaterials, 2013, 2013, 1-11.	1.5	13
38	Biphasic Osteogenic Characteristics of Human Mesenchymal Stem Cells Cultured on $\text{TiO}_2$ of Different Diameters. Journal of Nanomaterials, 2012, 2012, 1-8.	1.5	13
39	Improvement of osteogenic potential of biphasic calcium phosphate bone substitute coated with synthetic cell binding peptide sequences. Journal of Periodontal and Implant Science, 2012, 42, 166.	0.9	10
40	Improvement of osteogenic potential of biphasic calcium phosphate bone substitute coated with two concentrations of expressed recombinant human bone morphogenetic protein 2. Journal of Periodontal and Implant Science, 2012, 42, 119.	0.9	13
41	Titanium dioxide nanotubes enhance bone bonding <i>in vivo</i> . Journal of Biomedical Materials Research - Part A, 2010, 92A, 1218-1224.	2.1	199
42	Strongly superhydrophobic silicon nanowires by supercritical CO <sub>2</sub> drying. Electronic Materials Letters, 2010, 6, 59-64.	1.0	19
43	TiO <sub>2</sub> nanotube structures for enhanced cell and biological functionality. Jom, 2010, 62, 50-55.	0.9	20
44	Improved bone-forming functionality on diameter-controlled TiO <sub>2</sub> nanotube surface. Acta Biomaterialia, 2009, 5, 3215-3223.	4.1	528
45	Stem cell fate dictated solely by altered nanotube dimension. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2130-2135.	3.3	1,085
46	Enhanced Cellular Mobility Guided by TiO <sub>2</sub> Nanotube Surfaces. Nano Letters, 2008, 8, 786-793.	4.5	259
47	Significantly accelerated osteoblast cell growth on aligned TiO <sub>2</sub> nanotubes. Journal of Biomedical Materials Research - Part A, 2006, 78A, 97-103.	2.1	429
48	Growth of nano-scale hydroxyapatite using chemically treated titanium oxide nanotubes. Biomaterials, 2005, 26, 4938-4943.	5.7	453