Ji-Hoi Moon

List of Publications by Year
in descending order

50 papers	1,214 citations	361413 20 h-index	395702 33 g-index
52 all docs	52 docs citations	52 times ranked	2232 citing authors

#	Article	IF	Citations
1	Electrospun chitosan nanofibers with controlled levels of silver nanoparticles. Preparation, characterization and antibacterial activity. Carbohydrate Polymers, 2014, 111, 530-537.	10.2	164
2	Subgingival microbiome in smokers and nonâ€smokers in Korean chronic periodontitis patients. Molecular Oral Microbiology, 2015, 30, 227-241.	2.7	98
3	Novel skin patch combining human fibroblast-derived matrix and ciprofloxacin for infected wound healing. Theranostics, 2018, 8, 5025-5038.	10.0	50
4	Preparation of antibacterial chitosan membranes containing silver nanoparticles for dental barrier membrane applications. Journal of Industrial and Engineering Chemistry, 2018, 66, 196-202.	5.8	50
5	A Polysaccharide-Based Antibacterial Coating with Improved Durability for Clear Overlay Appliances. ACS Applied Materials & Interfaces, 2018, 10, 17714-17721.	8.0	47
6	Chitosan/Polyurethane Blended Fiber Sheets Containing Silver Sulfadiazine for Use as an Antimicrobial Wound Dressing. Journal of Nanoscience and Nanotechnology, 2014, 14, 7488-7494.	0.9	46
7	Mesoporous TiO2 implants for loading high dosage of antibacterial agent. Applied Surface Science, 2014, 303, 140-146.	6.1	43
8	Antibacterial Action of Polyphosphate on Porphyromonas gingivalis. Antimicrobial Agents and Chemotherapy, 2011, 55, 806-812.	3.2	42
9	Probing the diversity of healthy oral microbiome with bioinformatics approaches. BMB Reports, 2016, 49, 662-670.	2.4	39
10	Preparation and characterization of antibacterial orthodontic resin containing silver nanoparticles. Applied Surface Science, 2018, 432, 317-323.	6.1	38
11	In vitro effects of N-acetyl cysteine alone and in combination with antibiotics on Prevotella intermedia. Journal of Microbiology, 2015, 53, 321-329.	2.8	36
12	Antibacterial effects of N-acetylcysteine against endodontic pathogens. Journal of Microbiology, 2016, 54, 322-329.	2.8	35
13	Removal and killing of multispecies endodontic biofilms by N -acetylcysteine. Brazilian Journal of Microbiology, 2018, 49, 184-188.	2.0	34
14	Biofunctionalized titanium with anti-fouling resistance by grafting thermo-responsive polymer brushes for the prevention of peri-implantitis. Journal of Materials Chemistry B, 2015, 3, 5161-5165.	5.8	32
15	Most simple preparation of an inkjet printing of silver nanoparticles on fibrous membrane for water purification: Technological and commercial application. Journal of Industrial and Engineering Chemistry, 2017, 46, 273-278.	5.8	32
16	Reverse Actuation of Polyelectrolyte Effect for In Vivo Antifouling. ACS Nano, 2021, 15, 6811-6828.	14.6	30
17	Interrupting oral infection of Porphyromonas gingivalis with anti-FimA antibody attenuates bacterial dissemination to the arthritic joint and improves experimental arthritis. Experimental and Molecular Medicine, 2018, 50, e460-e460.	7.7	27
18	One-Step Fabrication of AgNPs Embedded Hybrid Dual Nanofibrous Oral Wound Dressings. Journal of Biomedical Nanotechnology, 2016, 12, 2041-2050.	1.1	23

#	Article	IF	Citations
19	Antibacterial and antibiofilm effects of iron chelators against Prevotella intermedia. Journal of Medical Microbiology, 2013, 62, 1307-1316.	1.8	22
20	Human hair keratin-based biofilm for potent application to periodontal tissue regeneration. Macromolecular Research, 2015, 23, 300-308.	2.4	22
21	pH-Responsive mineralized nanoparticles for bacteria-triggered topical release of antibiotics. Journal of Industrial and Engineering Chemistry, 2019, 71, 210-219.	5.8	21
22	Genotype analysis of Porphyromonas gingivalis fimA in Korean adults using new primers. Journal of Medical Microbiology, 2013, 62, 1290-1294.	1.8	20
23	Spirulina maxima reduces inflammation and alveolar bone loss in Porphyromonas gingivalis-induced periodontitis. Phytomedicine, 2021, 81, 153420.	5.3	19
24	Development and evaluation of new primers for PCR-based identification of type IIfimAofPorphyromonas gingivalis. FEMS Immunology and Medical Microbiology, 2012, 64, 425-428.	2.7	16
25	Differential Expression of Osteo-Modulatory Molecules in Periodontal Ligament Stem Cells in Response to Modified Titanium Surfaces. BioMed Research International, 2014, 2014, 1-12.	1.9	16
26	In vitro activity of deferoxamine against Porphyromonas gingivalis. FEMS Microbiology Letters, 2011, 323, 61-67.	1.8	15
27	Potent In Vitro and In Vivo Activity of Plantibody Specific for Porphyromonas gingivalis FimA. Vaccine Journal, 2016, 23, 346-352.	3.1	15
28	Facile preparation of mussel-inspired antibiotic-decorated titanium surfaces with enhanced antibacterial activity for implant applications. Applied Surface Science, 2019, 496, 143675.	6.1	15
29	Multilayered co-electrospun scaffold containing silver sulfadiazine as a prophylactic against osteomyelitis: Characterization and biological in vitro evaluations. Applied Surface Science, 2018, 432, 308-316.	6.1	14
30	Novel transmembrane protein 126A (TMEM126A) couples with CD137L reverse signals in myeloid cells. Cellular Signalling, 2012, 24, 2227-2236.	3.6	12
31	In Vitro Osteogenic Differentiation and Antibacterial Potentials of Chalcone Derivatives. Molecular Pharmaceutics, 2018, 15, 3197-3204.	4.6	12
32	Microarray analysis of the transcriptional responses of Porphyromonas gingivalis to polyphosphate. BMC Microbiology, 2014, 14, 218.	3.3	11
33	TMEM126A, a CD137 ligand binding protein, couples with the TLR4 signal transduction pathway in macrophages. Molecular Immunology, 2015, 64, 244-251.	2.2	11
34	Effects of sodium tri- and hexameta-phosphate in vitro osteoblastic differentiation in Periodontal Ligament and Osteoblasts, and in vivo bone regeneration. Differentiation, 2016, 92, 257-269.	1.9	11
35	In Vitro Effects of Polyphosphate against Prevotella intermedia in Planktonic Phase and Biofilm. Antimicrobial Agents and Chemotherapy, 2016, 60, 818-826.	3.2	11
36	Preparation of Electrospun Fibrous Scaffold Containing Silver Sulfadiazine for Biomedical Applications. Journal of Nanoscience and Nanotechnology, 2016, 16, 8554-8558.	0.9	10

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37	Cloning and characterization of heavy and light chain genes encoding the FimA-specific monoclonal antibodies that inhibit Porphyromonas gingivalis adhesion. Microbiology and Immunology, 2011, 55, 199-210.	1.4	8
38	Antibacterial effects of sodium tripolyphosphate againstPorphyromonasspecies associated with periodontitis of companion animals. Journal of Veterinary Science, 2019, 20, e33.	1.3	8
39	Effects of Sodium Tri- and Hexametaphosphate on Proliferation, Differentiation, and Angiogenic Potential of Human Dental Pulp Cells. Journal of Endodontics, 2015, 41, 896-902.	3.1	7
40	Prevalence ofPorphyromonas gingivalis fimAgenotypes in the peri-implant sulcus of Koreans assessed using a new primer. Journal of Periodontal and Implant Science, 2016, 46, 35.	2.0	7
41	Antibacterial Effect of Silver and Gold Nanoparticle Coated Modified C-Palatal Plate. Journal of Nanoscience and Nanotechnology, 2016, 16, 8809-8813.	0.9	6
42	Differential Expression Profiling of Long Noncoding RNA and mRNA during Osteoblast Differentiation in Mouse. International Journal of Genomics, 2018, 2018, 1-13.	1.6	6
43	Production of monoclonal antibodies against 53-kDa protein of Porphyromonas gingivalis in transgenic rice cell suspension culture. Plant Cell, Tissue and Organ Culture, 2016, 126, 387-397.	2.3	5
44	Effects of Sodium Tripolyphosphate on Oral Commensal and Pathogenic Bacteria. Polish Journal of Microbiology, 2019, 68, 263-268.	1.7	5
45	Genomic and phenotypic comparison of Prevotella intermedia strains possessing different virulence in vivo. Virulence, 2022, 13, 1133-1145.	4.4	5
46	Characterization of FimA inPorphyromonas gingivalisgenotype IV. FEMS Immunology and Medical Microbiology, 2012, 65, 497-500.	2.7	4
47	Prevalence ofPorphyromonas gingivalis fimAGenotypes in the Peri-Implant Sulcus of Koreans Assessed Using a New Primer. Journal of Periodontal and Implant Science, 2016, 46, 35.	2.0	3
48	A novel retentive type of dental implant prosthesis: marginal fitness of the cementless double crown type implant prosthesis evaluated by bacterial penetration and viability. Journal of Advanced Prosthodontics, 2020, 12, 233.	2.6	3
49	Genome sequence of Prevotella intermedia SUNY aB G8-9K-3, a biofilm forming strain with drug-resistance. Brazilian Journal of Microbiology, 2017, 48, 5-6.	2.0	2
50	Whole genome and RNA sequencing of oral commensal bacterium Streptococcus anginosus subsp. anginosus with vancomycin tolerance. Journal of Microbiology, 2022, 60, 167-176.	2.8	2