

Guang Hong

List of Publications by Year in descending order

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74
papers

1,714
citations

304701

22
h-index

315719

38
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75
all docs

75
docs citations

75
times ranked

1484
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Remodeling in Mandible of Wistar Rats with Diabetes Mellitus and Osteoporosis. European Journal of Dentistry, 2023, 17, 319-329.	1.7	1
2	Effects of photobiomodulation therapy on implant stability and postoperative recovery: a systematic review and meta-analysis. British Journal of Oral and Maxillofacial Surgery, 2022, 60, e712-e721.	0.8	5
3	Effect of Beta 2-Adrenergic Receptor Gly16Arg Polymorphism on Taste Preferences in Healthy Young Japanese Adults. Nutrients, 2022, 14, 1430.	4.1	1
4	Effects of low-temperature degradation on the surface roughness of yttria-stabilized tetragonal zirconia polycrystal ceramics: A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2021, 125, 222-230.	2.8	21
5	Innovation of dental education during COVID-19 pandemic. Journal of Dental Sciences, 2021, 16, 15-20.	2.5	160
6	Human Umbilical Cord Mesenchymal Stem Cell-induced Osterix, Bone Morphogenetic Protein-2, and Tartrate-resistant Acid Phosphatase Expression in Osteoporotic Mandibular Bone. European Journal of Dentistry, 2021, 15, 084-089.	1.7	4
7	Potential of pure cellulose nanofibers as a denture base material. Journal of Oral Science, 2021, 63, 111-113.	1.7	1
8	Applications of Hydrogel with Special Physical Properties in Bone and Cartilage Regeneration. Materials, 2021, 14, 235.	2.9	33
9	Guidelines for innovation in dental education during the coronavirus disease 2019 pandemic. Journal of Oral Science, 2021, 63, 107-110.	1.7	10
10	Impact of the COVID-19 pandemic on dental clinical training and future prospects. Journal of Dental Education, 2021, 85, 1999-2001.	1.2	7
11	Effect of amylase activity on mechanical properties of dental composite resin. Dental Materials Journal, 2021, 40, 348-355.	1.8	1
12	Dual injection: An effective and efficient technology to use renewable fuels in spark ignition engines. Renewable and Sustainable Energy Reviews, 2021, 143, 110921.	16.4	41
13	Effect of online learning for dental education in asia during the pandemic of COVID-19. Journal of Dental Sciences, 2021, 16, 1095-1101.	2.5	44
14	Surface Modifications for Zirconia Dental Implants: A Review. Frontiers in Dental Medicine, 2021, 2, .	1.4	7
15	Effects of platelet concentrates on implant stability and marginal bone loss: a systematic review and meta-analysis. BMC Oral Health, 2021, 21, 579.	2.3	6
16	Application of Hyaluronic Acid as a Biopolymer Material in Reconstruction of Interdental Papilla in Rats. Frontiers in Materials, 2021, 8, .	2.4	0
17	Effect of denture adhesives on oral moisture: A multicenter randomized controlled trial. Journal of Prosthodontic Research, 2020, 64, 281-288.	2.8	11
18	Use of cellulose nanofibers as a denture immersing solution. Dental Materials Journal, 2020, 39, 80-88.	1.8	2

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19	The Effects of Syndecan on Osteoblastic Cell Adhesion Onto Nano-Zirconia Surface. International Journal of Nanomedicine, 2020, Volume 15, 5061-5072.	6.7	5
20	The Dynamic Viscoelasticity of Dental Soft Polymer Material Containing Citrate Ester-Based Plasticizers. Materials, 2020, 13, 5078.	2.9	6
21	Effects of adjunctive probiotic <i>L. reuteri</i> lozenges on S/RSD outcomes at molar sites with deep pockets. Journal of Clinical Periodontology, 2020, 47, 1098-1107.	4.9	17
22	Minimally invasive procedures for deficient interdental papillae: A review. Journal of Esthetic and Restorative Dentistry, 2020, 32, 463-471.	3.8	5
23	Antifungal effect of tea extracts on <i>Candida albicans</i> . Dental Materials Journal, 2020, 39, 664-669.	1.8	3
24	Evaluation of silk fibroin electrogel coating for zirconia material surface. Dental Materials Journal, 2019, 38, 813-820.	1.8	5
25	Association between Beta3-Adrenergic Receptor Trp64Arg Polymorphism and Fat Preference in Healthy Young Japanese Women. Tohoku Journal of Experimental Medicine, 2019, 248, 181-192.	1.2	4
26	Lean Burn Performance of a Spark Ignition Engine with an Ethanol-Gasoline Dual Injection System. Energy & Fuels, 2018, 32, 2855-2868.	5.1	13
27	Initial osteoblast adhesion and subsequent differentiation on zirconia surfaces are regulated by integrins and heparin-sensitive molecule. International Journal of Nanomedicine, 2018, Volume 13, 7657-7667.	6.7	7
28	Loading icariin on titanium surfaces by phase-transited lysozyme priming and layer-by-layer self-assembly of hyaluronic acid/chitosan to improve surface osteogenesis ability. International Journal of Nanomedicine, 2018, Volume 13, 6751-6767.	6.7	22
29	Study of factors related to the attitudes toward studying abroad among preclinical/clinical undergraduate dental students at three dental schools in Japan. Clinical and Experimental Dental Research, 2018, 4, 119-124.	1.9	5
30	Static and dynamic evaluations of the wettability of commercial vinyl polysiloxane impression materials for artificial saliva. Dental Materials Journal, 2018, 37, 818-824.	1.8	3
31	Oral Fat Sensitivity Is Associated with Social Support for Stress Coping in Young Adult Men. Tohoku Journal of Experimental Medicine, 2018, 244, 249-261.	1.2	4
32	Accelerating effects of cellulase in the removal of denture adhesives from acrylic denture bases. Journal of Prosthetic Research, 2017, 61, 185-192.	2.8	5
33	A novel method of surface modification by electrochemical deoxidation: Effect on surface characteristics and initial bioactivity of zirconia. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 2641-2652.	3.4	4
34	The effect of crude drugs on the angiogenic property and dynamic viscoelasticity of PEMA-based soft polymer materials. Dental Materials Journal, 2017, 36, 770-777.	1.8	1
35	In Vitro and In Vivo Characterization of Multi-Walled Carbon Nanotubes/Polycaprolactone Composite Scaffolds for Bone Tissue Engineering Applications. Journal of Biomaterials and Tissue Engineering, 2017, 7, 787-797.	0.1	8
36	Effects of herbal medicine components on the physical properties of trial denture adhesives. Dental Journal: Majalah Kedokteran Gigi, 2017, 50, 171.	0.2	0

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37	Biomechanical and histological evaluation of the osseointegration capacity of two types of zirconia implant. International Journal of Nanomedicine, 2016, Volume 11, 6507-6516.	6.7	26
38	Investigation of the effect of heated ethanol fuel on combustion and emissions of an ethanol direct injection plus gasoline port injection (EDI + GPI) engine. Energy Conversion and Management, 2016, 123, 338-347.	9.2	56
39	Evaluation of the efficiency of denture cleaners for removing denture adhesives. Gerodontology, 2016, 33, 453-460.	2.0	10
40	Fatigue analysis of computer-aided design/computer-aided manufacturing resin-based composite vs. lithium disilicate glass-ceramic. European Journal of Oral Sciences, 2016, 124, 387-395.	1.5	29
41	Gustatory Salivation Is Associated with Body Mass Index, Daytime Sleepiness, and Snoring in Healthy Young Adults. Tohoku Journal of Experimental Medicine, 2016, 240, 153-165.	1.2	4
42	Association of Oral Fat Sensitivity with Body Mass Index, Taste Preference, and Eating Habits in Healthy Japanese Young Adults. Tohoku Journal of Experimental Medicine, 2016, 238, 93-103.	1.2	27
43	Study protocol for a multi-center, randomized controlled trial to develop Japanese denture adhesive guidelines for patients with complete dentures: the Denture Adhesive Guideline trial: study protocol for a randomized controlled trial. Trials, 2016, 17, 506.	1.6	7
44	Effect of injection timing on mixture formation and combustion in an ethanol direct injection plus gasoline port injection (EDI+GPI) engine. Energy, 2016, 111, 92-103.	8.8	54
45	Spray and evaporation characteristics of ethanol and gasoline direct injection in non-evaporating, transition and flash-boiling conditions. Energy Conversion and Management, 2016, 108, 68-77.	9.2	91
46	Numerical investigation to the dual-fuel spray combustion process in an ethanol direct injection plus gasoline port injection (EDI+GPI) engine. Energy Conversion and Management, 2015, 92, 275-286.	9.2	61
47	The influence of resin cements on the final color of ceramic veneers. Journal of Prosthodontic Research, 2015, 59, 172-177.	2.8	33
48	Investigation to charge cooling effect and combustion characteristics of ethanol direct injection in a gasoline port injection engine. Applied Energy, 2015, 160, 244-254.	10.1	67
49	Influence of composition on the adhesive strength and initial viscosity of denture adhesives. Dental Materials Journal, 2014, 33, 98-103.	1.8	18
50	The surface characterization and bioactivity of NANOZR in vitro. Dental Materials Journal, 2014, 33, 210-219.	1.8	16
51	The adhesive strength and initial viscosity of denture adhesives. Acta Odontologica Scandinavica, 2014, 72, 839-845.	1.6	7
52	Effects of direct injection timing of ethanol fuel on engine knock and lean burn in a port injection gasoline engine. Fuel, 2014, 135, 27-37.	6.4	69
53	Primary investigation to leveraging effect of using ethanol fuel on reducing gasoline fuel consumption. Fuel, 2013, 105, 425-431.	6.4	84
54	The dynamic viscoelasticity and plasticizer leachability of tissue conditioners. Gerodontology, 2012, 29, 284-291.	2.0	14

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55	Durability of peel bond of resilient denture liners to acrylic denture base resin. Journal of Prosthodontic Research, 2012, 56, 136-141.	2.8	15
56	Numerical Investigation to Forcing Frequency and Amplitude of Synthetic Jet Actuators. AIAA Journal, 2012, 50, 788-796.	2.6	10
57	The dynamic viscoelasticity and water absorption characteristics of soft acrylic resin materials containing adipates and a maleate plasticizer. Dental Materials Journal, 2012, 31, 139-149.	1.8	9
58	Effect of PMMA polymer on the dynamic viscoelasticity and plasticizer leachability of PEMA-based tissue conditioners. Dental Materials Journal, 2010, 29, 374-380.	1.8	17
59	Compatibility of tissue conditioners and denture cleansers: Influence on surface conditions. Dental Materials Journal, 2010, 29, 446-453.	1.8	31
60	LES of synthetic jets in boundary layer with laminar separation caused by adverse pressure gradient. Computers and Fluids, 2010, 39, 845-858.	2.5	24
61	Dynamic viscoelastic properties, water absorption, and solubility of home reliners. Dental Materials Journal, 2010, 29, 554-561.	1.8	13
62	Influence of denture cleansers on the color stability of three types of denture base acrylic resin. Journal of Prosthetic Dentistry, 2009, 101, 205-213.	2.8	119
63	Influence of Storage Methods on the Surface Roughness of Tissue Conditioners. Dental Materials Journal, 2008, 27, 153-158.	1.8	28
64	Effectiveness of micro synthetic jet actuator enhanced by flow instability in controlling laminar separation caused by adverse pressure gradient. Sensors and Actuators A: Physical, 2006, 132, 607-615.	4.1	49
65	Influence of thermal and mechanical stresses on the strength of intact and relined denture bases. Journal of Prosthetic Dentistry, 2006, 96, 59-67.	2.8	34
66	Compatibility of tissue conditioners and dental stones: Effect on surface roughness. Journal of Prosthetic Dentistry, 2005, 93, 274-281.	2.8	22
67	Relationship between Plasticizer Content and Tensile Bond Strength of Soft Denture Liners to a Denture Base Resin. Dental Materials Journal, 2004, 23, 94-99.	1.8	17
68	A piezoelectrically actuated micro synthetic jet for active flow control. Sensors and Actuators A: Physical, 2003, 108, 168-174.	4.1	111
69	Effectiveness of Synthetic Jets Enhanced by Instability of Tollmien-Schlichting Waves. , 2002, , .		9
70	Effect of tissue conditioners on the dynamic viscoelastic properties of a heat-polymerized denture base. Journal of Prosthetic Dentistry, 2002, 88, 409-414.	2.8	14
71	Investigation to Charge Cooling Effect of Evaporation of Ethanol Fuel Directly Injected in a Gasoline Port Injection Engine. , 0, , .		18
72	The Effect of Fuel Temperature on the Ethanol Direct Injection Spray Characteristics of a Multi-hole Injector. SAE International Journal of Fuels and Lubricants, 0, 7, 792-802.	0.2	23

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73	Numerical Modelling of Ethanol Direct Injection (EDI) Sprays of a Multi-Hole Injector under Non-Evaporating, Transition and Flash-Boiling Conditions. , 0, , .		4
74	Differentiation of Bone Mesenchymal Stem Cells Into Vascular Endothelial Cell-Like Cells Using Functionalized Single-Walled Carbon Nanotubes. Frontiers in Bioengineering and Biotechnology, 0, 10, .	4.1	2