

# Guang Hong

## List of Publications by Year in descending order

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74  
papers

1,714  
citations

346980

22  
h-index

355658

38  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Remodeling in Mandible of Wistar Rats with Diabetes Mellitus and Osteoporosis. <i>European Journal of Dentistry</i> , 2023, 17, 319-329.	0.8	1
2	Effects of photobiomodulation therapy on implant stability and postoperative recovery: a systematic review and meta-analysis. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2022, 60, e712-e721.	0.4	5
3	Effect of Beta 2-Adrenergic Receptor Gly16Arg Polymorphism on Taste Preferences in Healthy Young Japanese Adults. <i>Nutrients</i> , 2022, 14, 1430.	1.7	1
4	Effects of low-temperature degradation on the surface roughness of yttria-stabilized tetragonal zirconia polycrystal ceramics: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 222-230.	1.1	21
5	Innovation of dental education during COVID-19 pandemic. <i>Journal of Dental Sciences</i> , 2021, 16, 15-20.	1.2	160
6	Human Umbilical Cord Mesenchymal Stem Cell-induced Osterix, Bone Morphogenetic Protein-2, and Tartrate-resistant Acid Phosphatase Expression in Osteoporotic Mandibular Bone. <i>European Journal of Dentistry</i> , 2021, 15, 084-089.	0.8	4
7	Potential of pure cellulose nanofibers as a denture base material. <i>Journal of Oral Science</i> , 2021, 63, 111-113.	0.7	1
8	Applications of Hydrogel with Special Physical Properties in Bone and Cartilage Regeneration. <i>Materials</i> , 2021, 14, 235.	1.3	33
9	Guidelines for innovation in dental education during the coronavirus disease 2019 pandemic. <i>Journal of Oral Science</i> , 2021, 63, 107-110.	0.7	10
10	Impact of the COVID-19 pandemic on dental clinical training and future prospects. <i>Journal of Dental Education</i> , 2021, 85, 1999-2001.	0.7	7
11	Effect of amylase activity on mechanical properties of dental composite resin. <i>Dental Materials Journal</i> , 2021, 40, 348-355.	0.8	1
12	Dual injection: An effective and efficient technology to use renewable fuels in spark ignition engines. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 143, 110921.	8.2	41
13	Effect of online learning for dental education in asia during the pandemic of COVID-19. <i>Journal of Dental Sciences</i> , 2021, 16, 1095-1101.	1.2	44
14	Surface Modifications for Zirconia Dental Implants: A Review. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	0.5	7
15	Effects of platelet concentrates on implant stability and marginal bone loss: a systematic review and meta-analysis. <i>BMC Oral Health</i> , 2021, 21, 579.	0.8	6
16	Application of Hyaluronic Acid as a Biopolymer Material in Reconstruction of Interdental Papilla in Rats. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	0
17	Effect of denture adhesives on oral moisture: A multicenter randomized controlled trial. <i>Journal of Prosthodontic Research</i> , 2020, 64, 281-288.	1.1	11
18	Use of cellulose nanofibers as a denture immersing solution. <i>Dental Materials Journal</i> , 2020, 39, 80-88.	0.8	2

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19	<p>The Effects of Syndecan on Osteoblastic Cell Adhesion Onto Nano-Zirconia Surface</p>. International Journal of Nanomedicine, 2020, Volume 15, 5061-5072.	3.3	5
20	The Dynamic Viscoelasticity of Dental Soft Polymer Material Containing Citrate Ester-Based Plasticizers. Materials, 2020, 13, 5078.	1.3	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.	2.3	17
22	Minimally invasive procedures for deficient interdental papillae: A review. Journal of Esthetic and Restorative Dentistry, 2020, 32, 463-471.	1.8	5
23	Antifungal effect of tea extracts on <i>Candida albicans</i>. Dental Materials Journal, 2020, 39, 664-669.	0.8	3
24	Evaluation of silk fibroin electrogel coating for zirconia material surface. Dental Materials Journal, 2019, 38, 813-820.	0.8	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.	0.5	4
26	Lean Burn Performance of a Spark Ignition Engine with an Ethanol&quot;Gasoline Dual Injection System. Energy & Fuels, 2018, 32, 2855-2868.	2.5	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.	3.3	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.	3.3	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.	0.8	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.	0.8	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.	0.5	4
32	Accelerating effects of cellulase in the removal of denture adhesives from acrylic denture bases. Journal of Prosthodontic Research, 2017, 61, 185-192.	1.1	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.	1.6	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.	0.8	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.	0.0	8
36	Effects of herbal medicine components on the physical properties of trial denture adhesives. Dental Journal: Majalah Kedokteran Gigi, 2017, 50, 171.	0.0	0

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37	Biomechanical and histological evaluation of the osseointegration capacity of two types of zirconia implant. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6507-6516.	3.3	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. <i>Energy Conversion and Management</i> , 2016, 123, 338-347.	4.4	56
39	Evaluation of the efficiency of denture cleaners for removing denture adhesives. <i>Gerodontology</i> , 2016, 33, 453-460.	0.8	10
40	Fatigue analysis of computer-aided design/computer-aided manufacturing resin-based composite vs. lithium disilicate glass-ceramic. <i>European Journal of Oral Sciences</i> , 2016, 124, 387-395.	0.7	29
41	Gustatory Salivation Is Associated with Body Mass Index, Daytime Sleepiness, and Snoring in Healthy Young Adults. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 240, 153-165.	0.5	4
42	Association of Oral Fat Sensitivity with Body Mass Index, Taste Preference, and Eating Habits in Healthy Japanese Young Adults. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 238, 93-103.	0.5	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. <i>Trials</i> , 2016, 17, 506.	0.7	7
44	Effect of injection timing on mixture formation and combustion in an ethanol direct injection plus gasoline port injection (EDI+GPI) engine. <i>Energy</i> , 2016, 111, 92-103.	4.5	54
45	Spray and evaporation characteristics of ethanol and gasoline direct injection in non-evaporating, transition and flash-boiling conditions. <i>Energy Conversion and Management</i> , 2016, 108, 68-77.	4.4	91
46	Numerical investigation to the dual-fuel spray combustion process in an ethanol direct injection plus gasoline port injection (EDI+GPI) engine. <i>Energy Conversion and Management</i> , 2015, 92, 275-286.	4.4	61
47	The influence of resin cements on the final color of ceramic veneers. <i>Journal of Prosthodontic Research</i> , 2015, 59, 172-177.	1.1	33
48	Investigation to charge cooling effect and combustion characteristics of ethanol direct injection in a gasoline port injection engine. <i>Applied Energy</i> , 2015, 160, 244-254.	5.1	67
49	Influence of composition on the adhesive strength and initial viscosity of denture adhesives. <i>Dental Materials Journal</i> , 2014, 33, 98-103.	0.8	18
50	The surface characterization and bioactivity of NANOZR in vitro. <i>Dental Materials Journal</i> , 2014, 33, 210-219.	0.8	16
51	The adhesive strength and initial viscosity of denture adhesives. <i>Acta Odontologica Scandinavica</i> , 2014, 72, 839-845.	0.9	7
52	Effects of direct injection timing of ethanol fuel on engine knock and lean burn in a port injection gasoline engine. <i>Fuel</i> , 2014, 135, 27-37.	3.4	69
53	Primary investigation to leveraging effect of using ethanol fuel on reducing gasoline fuel consumption. <i>Fuel</i> , 2013, 105, 425-431.	3.4	84
54	The dynamic viscoelasticity and plasticizer leachability of tissue conditioners. <i>Gerodontology</i> , 2012, 29, 284-291.	0.8	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.	1.1	15
56	Numerical Investigation to Forcing Frequency and Amplitude of Synthetic Jet Actuators. AIAA Journal, 2012, 50, 788-796.	1.5	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.	0.8	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.	0.8	17
59	Compatibility of tissue conditioners and denture cleansers: Influence on surface conditions. Dental Materials Journal, 2010, 29, 446-453.	0.8	31
60	LES of synthetic jets in boundary layer with laminar separation caused by adverse pressure gradient. Computers and Fluids, 2010, 39, 845-858.	1.3	24
61	Dynamic viscoelastic properties, water absorption, and solubility of home reliners. Dental Materials Journal, 2010, 29, 554-561.	0.8	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.	1.1	119
63	Influence of Storage Methods on the Surface Roughness of Tissue Conditioners. Dental Materials Journal, 2008, 27, 153-158.	0.8	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.	2.0	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.	1.1	34
66	Compatibility of tissue conditioners and dental stones: Effect on surface roughness. Journal of Prosthetic Dentistry, 2005, 93, 274-281.	1.1	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.	0.8	17
68	A piezoelectrically actuated micro synthetic jet for active flow control. Sensors and Actuators A: Physical, 2003, 108, 168-174.	2.0	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.	1.1	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, .	2.0	2