

Shogo Minagi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

1,169

citations

18

h-index

31

g-index

85

ext. papers

1,334

ext. citations

3.2

avg, IF

3.72

L-index

#	Paper	IF	Citations
82	Nano-controlled molecular interaction at adhesive interfaces for hard tissue reconstruction. <i>Acta Biomaterialia</i> , 2010 , 6, 3573-82	10.8	164
81	Nanolayering of phosphoric acid ester monomer on enamel and dentin. <i>Acta Biomaterialia</i> , 2011 , 7, 3187-93	10.8	127
80	An evaluation of chewing function of complete denture wearers. <i>Journal of Prosthetic Dentistry</i> , 1989 , 62, 50-3	4	98
79	Adhesive interfacial interaction affected by different carbon-chain monomers. <i>Dental Materials</i> , 2013 , 29, 888-97	5.7	68
78	Disinfection method for impression materials: freedom from fear of hepatitis B and acquired immunodeficiency syndrome. <i>Journal of Prosthetic Dentistry</i> , 1986 , 56, 451-4	4	42
77	Corticomotor plasticity induced by tongue-task training in humans: a longitudinal fMRI study. <i>Experimental Brain Research</i> , 2011 , 212, 199-212	2.3	36
76	Technique for removing a cemented superstructure from an implant abutment. <i>Journal of Prosthetic Dentistry</i> , 2002 , 87, 241-2	4	35
75	Possible role of LRP1, a CCN2 receptor, in chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 345, 552-9	3.4	32
74	Ultrasonic cleaning of silica-coated zirconia influences bond strength between zirconia and resin luting material. <i>Dental Materials Journal</i> , 2008 , 27, 842-8	2.5	28
73	Role of the low-density lipoprotein receptor-related protein-1 in regulation of chondrocyte differentiation. <i>Journal of Cellular Physiology</i> , 2010 , 222, 138-48	7	27
72	Adherence of <i>Streptococcus mutans</i> to implant materials. <i>Journal of Biomedical Materials Research Part B</i> , 1987 , 21, 913-20		27
71	Gene expression and distribution of connective tissue growth factor (CCN2/CTGF) during secondary ossification center formation. <i>Journal of Histochemistry and Cytochemistry</i> , 2007 , 55, 1245-55	3.4	23
70	A manipulation technique for treatment of anterior disk displacement without reduction. <i>Journal of Prosthetic Dentistry</i> , 1991 , 65, 686-91	4	22
69	New telescopic crown design for removable partial dentures. <i>Journal of Prosthetic Dentistry</i> , 1999 , 81, 684-8	4	21
68	Stress distribution prevents ischaemia and bone resorption in residual ridge. <i>Archives of Oral Biology</i> , 2010 , 55, 873-8	2.8	20
67	Prevention of acquired immunodeficiency syndrome and hepatitis B. II: Disinfection method for hydrophilic impression materials. <i>Journal of Prosthetic Dentistry</i> , 1987 , 58, 462-5	4	20
66	Differential involvement of two cortical masticatory areas in submandibular salivary secretion in rats. <i>Brain Research</i> , 2014 , 1543, 200-8	3.7	19

65	Effect of plasma treatment on adhesion of self-curing repair resin to acrylic denture base. <i>Dental Materials Journal</i> , 2004 , 23, 545-9	2.5	18
64	Assessment of MRI findings and clinical symptoms in patients with temporomandibular joint disorders. <i>Dentomaxillofacial Radiology</i> , 2018 , 47, 20170412	3.9	17
63	Flexural properties of polyethylene, glass and carbon fiber-reinforced resin composites for prosthetic frameworks. <i>Acta Odontologica Scandinavica</i> , 2015 , 73, 581-7	2.2	16
62	Distribution, gene expression, and functional role of EphA4 during ossification. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 374, 22-7	3.4	16
61	Specific diurnal EMG activity pattern observed in occlusal collapse patients: relationship between diurnal bruxism and tooth loss progression. <i>PLoS ONE</i> , 2014 , 9, e101882	3.7	16
60	Objective testing of the efficiency of denture-cleansing agents. <i>Journal of Prosthetic Dentistry</i> , 1987 , 58, 595-8	4	15
59	Memory-related gene expression profile of the male rat hippocampus induced by teeth extraction and occlusal support recovery. <i>Archives of Oral Biology</i> , 2014 , 59, 133-41	2.8	14
58	Various Effects of Sandblasting of Dental Restorative Materials. <i>PLoS ONE</i> , 2016 , 11, e0147077	3.7	14
57	Effect of capsaicin-evoked jaw-muscle pain on intramuscular blood-flow. <i>Archives of Oral Biology</i> , 2009 , 54, 241-9	2.8	13
56	Prevention of acquired immunodeficiency syndrome and hepatitis B. Part III: Disinfection of hydrophilic silicone rubber impression materials. <i>Journal of Prosthetic Dentistry</i> , 1990 , 64, 463-5	4	13
55	Relationship between severity of periodontitis and masseter muscle activity during waking and sleeping hours. <i>Archives of Oral Biology</i> , 2018 , 90, 13-18	2.8	12
54	Sequential coordination between lingual and pharyngeal pressures produced during dry swallowing. <i>BioMed Research International</i> , 2014 , 2014, 691352	3	12
53	A new method for evaluating the threshold of periodontal ligament mechanoreceptor by slow speed mechanical stimulation. <i>Journal of Periodontal Research</i> , 2003 , 38, 482-7	4.3	12
52	Does 8-methacryloxyoctyl trimethoxy silane (8-MOTS) improve initial bond strength on lithium disilicate glass ceramic?. <i>Dental Materials</i> , 2017 , 33, e95-e100	5.7	11
51	Properties of tonic episodes of masseter muscle activity during waking hours and sleep in subjects with and without history of orofacial pain. <i>Journal of Prosthodontic Research</i> , 2018 , 62, 234-238	4.3	11
50	Does plasma irradiation improve shear bond strength of acrylic resin to cobalt-chromium alloy?. <i>Dental Materials</i> , 2004 , 20, 509-12	5.7	10
49	Mechanomyographic activity in the human lateral pterygoid muscle during mandibular movement. <i>Journal of Neuroscience Methods</i> , 2012 , 203, 157-62	3	9
48	Double-casting method for fixed prosthodontics with functionally generated path. <i>Journal of Prosthetic Dentistry</i> , 1998 , 79, 120-4	4	8

47	In situ microsampling technique for identification of elements of a restoration with exposed metal to identify potential allergens. <i>Journal of Prosthetic Dentistry</i> , 1999 , 82, 221-5	4	8
46	Efficacy of tray adhesives for the adhesion of elastomer rubber impression materials to impression modeling plastics for border molding. <i>Journal of Prosthetic Dentistry</i> , 1998 , 79, 140-4	4	7
45	Effect of adhesive primer developed exclusively for heat-curing resin on adhesive strength between plastic artificial tooth and acrylic denture base resin. <i>Dental Materials Journal</i> , 2006 , 25, 75-80	2.5	7
44	Does acid etching morphologically and chemically affect lithium disilicate glass ceramic surfaces?. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017 , 15, e93-e100	1.8	6
43	The design of non-occlusal intraoral appliances on hard palate and their effect on masseter muscle activity during sleep. <i>Cranio - Journal of Craniomandibular Practice</i> , 2007 , 25, 8-15	1.2	6
42	The effect of diabetes mellitus on the expression of Argyrophilic nucleolar organizer regions (AgNORs) in mucosal epithelium under experimental denture bases in rats. <i>Journal of Oral Pathology and Medicine</i> , 2003 , 32, 171-5	3.3	6
41	Effect of transient occlusal loading on the threshold of tooth tactile sensation perception for tapping like the impulsive stimulation. <i>Odontology / the Society of the Nippon Dental University</i> , 2013 , 101, 199-203	3.6	5
40	Tensile bond strength between custom tray and elastomeric impression material. <i>Dental Materials Journal</i> , 2007 , 26, 323-8	2.5	5
39	Purinergic modulation of area postrema neuronal excitability in rat brain slices. <i>Brain Research</i> , 2007 , 1165, 50-9	3.7	5
38	Does rotational strain at screw tightening affect the attainment or maintenance of osseointegration?. <i>Clinical Oral Implants Research</i> , 2006 , 17, 451-8	4.8	5
37	An appliance for management of TMJ pain as a complication of Parkinson's disease. <i>Cranio - Journal of Craniomandibular Practice</i> , 1998 , 16, 57-9	1.2	5
36	Ipsilateral Molar Clenching Induces Less Pain and Discomfort than Contralateral Molar Clenching in Patients with Unilateral Anterior Disc Displacement of the Temporomandibular Joint. <i>Journal of Oral and Facial Pain and Headache</i> , 2016 , 30, 241-8	2.5	5
35	Effect of food properties and chewing condition on the electromyographic activity of the posterior tongue. <i>Journal of Oral Rehabilitation</i> , 2019 , 46, 511-517	3.4	4
34	Record base for an edentulous maxillary arch with severe undercuts in the labial aspect of the anterior residual ridge. <i>Journal of Prosthetic Dentistry</i> , 2002 , 87, 99-101	4	4
33	Effect of a thick palatal appliance on muscular symptoms in craniomandibular disorders: a preliminary study. <i>Cranio - Journal of Craniomandibular Practice</i> , 2001 , 19, 42-7	1.2	4
32	Argyrophilic nucleolar organizer regions (AgNORs) in mucosal epithelium under experimental denture bases in rats. <i>Journal of Oral Pathology and Medicine</i> , 2000 , 29, 33-8	3.3	4
31	Coordination of surface electromyography activity in the posterior tongue region during mastication of differently textured foods. <i>Journal of Oral Rehabilitation</i> , 2021 , 48, 403-410	3.4	4
30	A new occlusal surface design for artificial posterior teeth to achieve high masticatory performance. <i>Journal of Prosthodontic Research</i> , 2017 , 61, 193-201	4.3	3

29	Investigation of preferred viscosity of irreversible hydrocolloid on preliminary impression for edentulism. <i>Dental Materials Journal</i> , 2004 , 23, 395-8	2.5	3
28	Naturalness Improvement Algorithm for Reconstructed Glossectomy Patient's Speech Using Spectral Differential Modification in Voice Conversion		3
27	Effects of stage II transport and food bolus sampling methods on the properties of food particles. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 196-203	3.4	3
26	Effects of the loss and reconstruction of molar occlusal support on memory retrieval and hippocampal neuron density in rats. <i>Journal of Prosthodontic Research</i> , 2019 , 63, 283-287	4.3	2
25	A new posture measurement method for measuring intrinsic standing posture. <i>Cranio - Journal of Craniomandibular Practice</i> , 2014 , 32, 98-103	1.2	2
24	Salivary stress biomarker levels during speech in patients with maxillectomy defect. <i>Head and Neck</i> , 2011 , 33, 620-6	4.2	2
23	Prevention of acquired immunodeficiency syndrome and hepatitis B. Part IV: The effect of impression material on glutaraldehyde solution. <i>Journal of Prosthetic Dentistry</i> , 1990 , 64, 573-7	4	2
22	Effect of masseter muscle activity during wakefulness and sleep on tooth wear.. <i>Journal of Prosthodontic Research</i> , 2021 ,	4.3	2
21	Speaker Dependent Approach for Enhancing a Glossectomy Patient's Speech via GMM-Based Voice Conversion		2
20	Investigation on Visibility of Drilled Hole in Laser Micro-drilling of Multi-layered Artificial Skin. <i>International Journal of Electrical Machining</i> , 2016 , 21, 13-17	0.2	1
19	Dependence of psychophysical threshold on rate of applied force to the upper first molar in humans. <i>Archives of Oral Biology</i> , 2013 , 58, 474-81	2.8	1
18	A custom-made sealing screw cap for a closed, hollow obturator. <i>Journal of Craniofacial Surgery</i> , 2007 , 18, 1138-41	1.2	1
17	Relationship between anterior guidance and mesiodistal inclination of lower incisor in human subject with or without TMJ noise. <i>Journal of Oral Rehabilitation</i> , 1999 , 26, 781-5	3.4	1
16	Passive Periodontal Sensation Threshold of Upper Molars in Patients with Myofascial Pain. <i>Open Dentistry Journal</i> , 2018 , 12, 1012-1020	0.8	1
15	Phosphate group adsorption capacity of inorganic elements affects bond strength between CAD/CAM composite block and luting agent. <i>Dental Materials Journal</i> , 2021 , 40, 288-296	2.5	1
14	2016 ,		1
13	Differences in comminution progress during mastication in healthy dentate and denture-wearing elderly people. <i>Journal of Prosthodontic Research</i> , 2020 , 64, 257-263	4.3	1
12	Lack of occlusal support did not impact amyloid β deposition in APP knock-in mice. <i>Journal of Prosthodontic Research</i> , 2021 ,	4.3	1

11	Study on Reduction of Discoloration Area in Micro-drilling of Multi-layered Artificial Skin by Picosecond Pulsed Laser. <i>International Journal of Electrical Machining</i> , 2017 , 22, 8	0.2	○
10	Detection of muscle fatigue caused by repeated posterior tongue lift movement from neck surface EMG: a pilot study. <i>Journal of Oral Rehabilitation</i> , 2021 , 48, 1337-1346	3.4	○
9	Modified direct relining method produces an accurate adaptation of denture. <i>Dental Materials Journal</i> , 2005 , 24, 311-4	2.5	
8	Occlusion: Supporting and Pacing Force Distribution. <i>Prosthodontic Research & Practice</i> , 2008 , 7, 117-119		
7	Patients' Satisfaction with Design of Removable Denture. <i>Prosthodontic Research & Practice</i> , 2008 , 7, 174-176		
6	Does Electrodermal Response Represent Severity of Speech Disability in the Maxillectomy Patients?. <i>Prosthodontic Research & Practice</i> , 2008 , 7, 165-167		
5	1204 Investigation of Laser Micro-drilling Method for Multi-Layered Artificial Skin. <i>Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21</i> , 2015 , 2015.8, _1204-1_-_1204-5_		
4	A study of the effect of mental arithmetic stress on periodontal sensation and tactile sensation on cheek. <i>The Journal of Japanese Society of Stomatognathic Function</i> , 2017 , 24, 44-45	0.1	
3	Short-Term Crossover Study on the Effect of Orthogonalized Deep-Grooved Posterior Artificial Teeth on the Masticatory Efficiency of Complete Denture Wearers. <i>Open Dentistry Journal</i> , 2018 , 12, 255-264	0.8	
2	Structure of a New Palatal Plate and the Artificial Tongue for Articulation Disorder in a Patient with Subtotal Glossectomy. <i>Acta Medica Okayama</i> , 2016 , 70, 205-211	0.5	
1	Characteristics of Grouped Discharge Waveforms Observed in Long-term Masseter Muscle Electromyographic Recording: A Preliminary Study. <i>Acta Medica Okayama</i> , 2019 , 73, 357-360	0.5	