

Hiroshi Murata

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.

55
papers

718
citations

14
h-index

25
g-index

55
ext. papers

820
ext. citations

3.3
avg, IF

3.56
L-index

#	Paper	IF	Citations
55	Properties of highly cross-linked autopolymerizing reline acrylic resins. <i>Journal of Prosthetic Dentistry</i> , 1995 , 73, 55-9	4	97
54	Influence of denture cleansers on the color stability of three types of denture base acrylic resin. <i>Journal of Prosthetic Dentistry</i> , 2009 , 101, 205-13	4	84
53	Dynamic viscoelastic properties and the age changes of long-term soft denture liners. <i>Biomaterials</i> , 2000 , 21, 1421-7	15.6	63
52	Rheology of tissue conditioners. <i>Journal of Prosthetic Dentistry</i> , 1998 , 79, 188-99	4	50
51	Setting and stress relaxation behavior of resilient denture liners. <i>Journal of Prosthetic Dentistry</i> , 1998 , 80, 714-22	4	39
50	The influence of immersion solutions on the viscoelasticity of temporary soft lining materials. <i>Dental Materials</i> , 1996 , 12, 19-24	5.7	33
49	Compatibility of tissue conditioners and denture cleansers: influence on surface conditions. <i>Dental Materials Journal</i> , 2010 , 29, 446-53	2.5	25
48	Influence of storage methods on the surface roughness of tissue conditioners. <i>Dental Materials Journal</i> , 2008 , 27, 153-8	2.5	24
47	An alcohol-free tissue conditioner--a laboratory evaluation. <i>Journal of Dentistry</i> , 2006 , 34, 307-15	4.8	23
46	Influence of thermal and mechanical stresses on the strength of intact and relined denture bases. <i>Journal of Prosthetic Dentistry</i> , 2006 , 96, 59-67	4	22
45	Compatibility of tissue conditioners and dental stones: effect on surface roughness. <i>Journal of Prosthetic Dentistry</i> , 2005 , 93, 274-81	4	20
44	Viscosity and adhesion strength of cream-type denture adhesives and mouth moisturizers. <i>Dental Materials Journal</i> , 2012 , 31, 960-8	2.5	18
43	Dynamic mechanical properties of hard, direct denture reline resins. <i>Journal of Prosthetic Dentistry</i> , 2007 , 98, 319-26	4	18
42	Candidates cell sources to regenerate alveolar bone from oral tissue. <i>International Journal of Dentistry</i> , 2012 , 2012, 857192	1.9	14
41	Relationship between viscoelastic properties of soft denture liners and clinical efficacy. <i>Japanese Dental Science Review</i> , 2008 , 44, 128-132	6.8	14
40	Medication-related osteonecrosis of the jaw-like lesions in rodents: A comprehensive systematic review and meta-analysis. <i>Gerodontology</i> , 2019 , 36, 313-324	2.8	13
39	Effect of PMMA polymer on the dynamic viscoelasticity and plasticizer leachability of PEMA-based tissue conditioners. <i>Dental Materials Journal</i> , 2010 , 29, 374-80	2.5	13

38	Dynamic mechanical properties of silicone maxillofacial prosthetic materials and the influence of frequency and temperature on their properties. <i>International Journal of Prosthodontics</i> , 2003 , 16, 369-74 ^{1.9}	1.9	13
37	Effects of 2,2,2-trifluoroethyl methacrylate on properties of autopolymerized hard direct denture reline resins. <i>Dental Materials Journal</i> , 2013 , 32, 744-52	2.5	12
36	Does eccentric-exercise-induced jaw muscle soreness influence brainstem reflexes?. <i>Clinical Neurophysiology</i> , 2008 , 119, 2819-28	4.3	11
35	The dynamic viscoelasticity and plasticizer leachability of tissue conditioners. <i>Gerodontology</i> , 2012 , 29, 284-91	2.8	10
34	Dynamic viscoelastic properties, water absorption, and solubility of home reliners. <i>Dental Materials Journal</i> , 2010 , 29, 554-61	2.5	10
33	Effects of eccentric jaw exercise on temporal summation in jaw-closing muscles of healthy subjects. <i>European Journal of Pain</i> , 2010 , 14, 719-24	3.7	10
32	Short-term follow-up of masticatory adaptation after rehabilitation with an immediately loaded implant-supported prosthesis: a pilot assessment. <i>International Journal of Implant Dentistry</i> , 2017 , 3, 8	2.8	8
31	Rheology - Theory and Application to Biomaterials 2012 ,		7
30	Evaluation of the efficiency of denture cleaners for removing denture adhesives. <i>Gerodontology</i> , 2016 , 33, 453-460	2.8	6
29	Influence of composition and powder/water ratio on adhesion strength and initial viscosity of powder-type denture adhesives based on CMC-Na and PVM-MA. <i>Dental Materials Journal</i> , 2019 , 38, 994-1001	2.5	5
28	Effect of melamine foam cleaning on the surface condition of composite resin artificial teeth. <i>Journal of Prosthodontics</i> , 2013 , 22, 626-32	3.9	5
27	Experimental low-level jaw clenching inhibits temporal summation evoked by electrical stimulation in healthy human volunteers. <i>Archives of Oral Biology</i> , 2015 , 60, 681-9	2.8	5
26	Influence of composition and powder/liquid ratio on setting characteristics and mechanical properties of autopolymerized hard direct denture reline resins based on methyl methacrylate and ethylene glycol dimethacrylate. <i>Dental Materials Journal</i> , 2014 , 33, 522-9	2.5	5
25	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	2.8	4
24	Development of antibacterial denture cleaner for brushing containing tea tree and lemongrass essential oils. <i>Dental Materials Journal</i> , 2018 , 37, 659-666	2.5	4
23	Modulation of neck muscle activity induced by intra-oral stimulation in humans. <i>Clinical Neurophysiology</i> , 2014 , 125, 1006-11	4.3	4
22	Effects of Eluates of Denture Adhesives on Human Gingival Fibroblasts.. <i>Nihon Hotetsu Shika Gakkai Zasshi</i> , 2001 , 45, 403-411		4
21	Bioactive glass coating on zirconia by vacuum sol-dipping method. <i>Dental Materials Journal</i> , 2019 , 38, 663-670	2.5	3

20	Evaluation of viscoelastic properties, hardness, and glass transition temperature of soft denture liners and tissue conditioner. <i>Odontology / the Society of the Nippon Dental University</i> , 2020 , 108, 366-373 ^{3.6}	3
19	Effect of denture adhesives on oral moisture: A multicenter randomized controlled trial. <i>Journal of Prosthodontic Research</i> , 2020 , 64, 281-288	4.3 3
18	Evaluation of the frequency and temperature dependence of the dynamic mechanical properties of acetal resins. <i>Dental Materials Journal</i> , 2018 , 37, 146-151	2.5 3
17	Low-serum culture with novel medium promotes maxillary/mandibular bone marrow stromal cell proliferation and osteogenic differentiation ability. <i>Clinical Oral Investigations</i> , 2017 , 21, 2709-2719	4.2 2
16	Effects of air abrasion and glow-discharge plasma treatment on bonding resin cement to ceria-stabilized zirconia/alumina nanocomposite. <i>Dental Materials Journal</i> , 2019 , 38, 437-443	2.5 2
15	Evaluation of glass transition temperature and dynamic mechanical properties of autopolymerized hard direct denture relines resins. <i>Dental Materials Journal</i> , 2015 , 34, 211-8	2.5 2
14	Effect of Laser Emission Parameters on Mechanical and Physical Properties of Cast Pure Titanium. <i>Journal of Spectroscopy</i> , 2014 , 2014, 1-8	1.5 2
13	Dynamic Viscoelastic Properties of Tissue Conditioners in Non-resonance Forced Vibration Method.. <i>Nihon Hotetsu Shika Gakkai Zasshi</i> , 1996 , 40, 590-597	2
12	Accelerating effects of cellulase in the removal of denture adhesives from acrylic denture bases. <i>Journal of Prosthodontic Research</i> , 2017 , 61, 185-192	4.3 1
11	Effects of denture adhesives and mouth moisturizers to human oral fibroblast and human keratinocyte cells using direct and indirect cell culture systems. <i>Dental Materials Journal</i> , 2020 , 39, 571-578 ^{2.5}	1
10	Influence of monomer type, plasticizer content, and powder/liquid ratio on setting characteristics of acrylic permanent soft denture liners based on poly(ethyl methacrylate/butyl methacrylate) and acetyl tributyl citrate. <i>Dental Materials Journal</i> , 2021 , 40, 918-927	2.5 1
9	The influence of thickeners of food on the particle size of boluses: a consideration for swallowing. <i>Odontology / the Society of the Nippon Dental University</i> , 2019 , 107, 546-554	3.6 0
8	The effect of crude drugs on the angiogenic property and dynamic viscoelasticity of PEMA-based soft polymer materials. <i>Dental Materials Journal</i> , 2017 , 36, 770-777	2.5 0
7	Pain sensitivity after low-level clenching is influenced by preloading eccentric exercise. <i>Odontology / the Society of the Nippon Dental University</i> , 2021 , 109, 29-40	3.6 0
6	Fundamental knowledge and evidence regarding soft denture lining. <i>Annals of Japan Prosthodontic Society</i> , 2018 , 10, 57-62	0
5	Project Study of Effect of Denture Wearing on the Nutrient Intake and Guidelines for Feeding and Nutrition Guidance to Elderly Denture Wearers. <i>Annals of Japan Prosthodontic Society</i> , 2015 , 7, 238-239 ⁰	0
4	Functional recovery in removable partial prosthodontics. <i>Annals of Japan Prosthodontic Society</i> , 2017 , 9, 277-278	0
3	Oral Rehabilitation utilizing Complete Dentures. <i>Annals of Japan Prosthodontic Society</i> , 2017 , 9, 216-217 ⁰	0

- 2 Report of the Session on Information Exchange of Basic Clinical Training for Prosthetic Dentistry Held in the 124th Annual Meeting of Japan Prosthodontic Society on the May 30 and 31, 2015. *Annals of Japan Prosthodontic Society*, **2017**, 9, 163-166 ○
- 1 A novel coating layer on zirconia using modified zinc phosphatizing method. *Dental Materials Journal*, **2021**, 40, 870-876 2.5