Hiroshi Churei

List of Publications by Year
in descending order

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25	203	1162367 8	1125271 13
papers	citations	h-index	g-index

27	27	27	164
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Useful design of custom-made mouthguard for athletes undergoing orthodontic treatment with brackets and wires. Journal of Dental Sciences, 2022, 17, 308-315.	1.2	1
2	Case Report: Psychoacoustic Analysis of a Clarinet Performance With a Custom-Made Soft Lip Shield Worn to Prevent Mucosal Erosion of Lower Lip. Frontiers in Psychology, 2022, 13, 852866.	1.1	0
3	Effectiveness of computerâ€assisted learning in sports dentistry: studies over a multipleâ€year period and at two universities. European Journal of Dental Education, 2021, 25, 796-805.	1.0	2
4	Use of the fiberglass reinforcement method in thermoplastic mouthguard materials to improve flexural properties for enhancement of functionality. Dental Materials Journal, 2021, 40, 1338-1344.	0.8	0
5	Fabrication technique of obturator-type sports mouthguard for a patient who had undergone maxillectomy and its speech intelligibility assessment:A case report. Journal of Prosthodontic Research, 2021, 65, 261-265.	1.1	1
6	Thickness change and deformation of customâ€made mouthguards after two years of use by Bangladeshi field hockey players. Dental Traumatology, 2021, 37, 617-622.	0.8	7
7	Development of a Wearable Mouth Guard Device for Monitoring Teeth Clenching during Exercise. Sensors, 2021, 21, 1503.	2.1	9
8	Air Permeability, Shock Absorption Ability, and Flexural Strength of 3D-Printed Perforated ABS Polymer Sheets with 3D-Knitted Fabric Cushioning for Sports Face Guard Applications. Polymers, 2021, 13, 1879.	2.0	4
9	Potential Assessment of Dehydration during High-Intensity Training Using a Capacitance Sensor for Oral Mucosal Moisture: Evaluation of Elite Athletes in a Field-Based Survey. Chemosensors, 2021, 9, 196.	1.8	1
10	Application of Glass Fiber and Carbon Fiber-Reinforced Thermoplastics in Face Guards. Polymers, 2021, 13, 18.	2.0	8
11	Antibacterial effect of a disinfectant spray for sports mouthguards on. Dental Research Journal, 2021, 18, 59.	0.2	0
12	Improving the Wearing Rate of Mouthguards in the Youth Rugby Category Affects the Total Future Mouthguard Wearing Rate. Dentistry Journal, 2020, 8, 77.	0.9	7
13	The influence of temperature on sheet lamination process when fabricating mouthguard on dental thermoforming machine. Journal of Oral Science, 2020, 62, 23-27.	0.7	11
14	Fabrication of Shock Absorbing Photopolymer Composite Material for 3D Printing Sports Mouthguard. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2020, 33, 615-622.	0.1	7
15	Novel antibacterial mouthguard material manufactured using silver-nanoparticleâ€“embedded ethylene-vinyl acetate copolymer masterbatch. Dental Materials Journal, 2018, 37, 437-444.	0.8	18
16	Improvement of the Shock Absorption Ability of a Face Guard by Incorporating a Glass-Fiber-Reinforced Thermoplastic and Buffering Space. BioMed Research International, 2018, 2018, 1-8.	0.9	4
17	Interactive effect of rehydration with diluted sports drink and water gargling on salivary flow, pH, and buffering capacity during ergometer exercise in young adult volunteers. Journal of Oral Science, 2018, 60, 269-277.	0.7	7
18	The Effect of Teeth Clenching on Dynamic Balance at Jump-Landing: A Pilot Study. Journal of Applied Biomechanics, 2017, 33, 211-215.	0.3	2

#	Article	IF	Citations
19	Evaluation of the flexural properties of a new temporary splint material for use in dental trauma splints. Journal of Dental Sciences, 2017, 12, 308-310.	1.2	5
20	Mouthguards and their use in sports: Report of the 1st International Sports Dentistry Workshop, 2016. Dental Traumatology, 2017, 33, 421-426.	0.8	34
21	Establishment of experimental models to evaluate the effectiveness of dental trauma splints. Dental Materials Journal, 2017, 36, 731-739.	0.8	5
22	Difference among shockâ€absorbing capabilities of mouthguard materials. Dental Traumatology, 2016, 32, 474-479.	0.8	19
23	Combined analysis of shock absorption capability and force dispersion effect of mouthguard materials with different impact objects. Dental Materials Journal, 2014, 33, 551-556.	0.8	9
24	Flexural impact force absorption of mouthguard materials using film sensor system. Dental Traumatology, 2014, 30, 193-197.	0.8	8
25	Flexural properties and shockâ€absorbing capabilities of new face guard materials reinforced with fiberglass cloth. Dental Traumatology, 2013, 29, 23-28.	0.8	10