

Hiroshi Churei

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

203
citations

1162367

8
h-index

1125271

13
g-index

27
all docs

27
docs citations

27
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouthguards and their use in sports: Report of the 1st International Sports Dentistry Workshop, 2016. <i>Dental Traumatology</i> , 2017, 33, 421-426.	0.8	34
2	Difference among shock-absorbing capabilities of mouthguard materials. <i>Dental Traumatology</i> , 2016, 32, 474-479.	0.8	19
3	Novel antibacterial mouthguard material manufactured using silver-nanoparticle-embedded ethylene-vinyl acetate copolymer masterbatch. <i>Dental Materials Journal</i> , 2018, 37, 437-444.	0.8	18
4	The influence of temperature on sheet lamination process when fabricating mouthguard on dental thermoforming machine. <i>Journal of Oral Science</i> , 2020, 62, 23-27.	0.7	11
5	Flexural properties and shock-absorbing capabilities of new face guard materials reinforced with fiberglass cloth. <i>Dental Traumatology</i> , 2013, 29, 23-28.	0.8	10
6	Combined analysis of shock absorption capability and force dispersion effect of mouthguard materials with different impact objects. <i>Dental Materials Journal</i> , 2014, 33, 551-556.	0.8	9
7	Development of a Wearable Mouth Guard Device for Monitoring Teeth Clenching during Exercise. <i>Sensors</i> , 2021, 21, 1503.	2.1	9
8	Flexural impact force absorption of mouthguard materials using film sensor system. <i>Dental Traumatology</i> , 2014, 30, 193-197.	0.8	8
9	Application of Glass Fiber and Carbon Fiber-Reinforced Thermoplastics in Face Guards. <i>Polymers</i> , 2021, 13, 18.	2.0	8
10	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. <i>Journal of Oral Science</i> , 2018, 60, 269-277.	0.7	7
11	Improving the Wearing Rate of Mouthguards in the Youth Rugby Category Affects the Total Future Mouthguard Wearing Rate. <i>Dentistry Journal</i> , 2020, 8, 77.	0.9	7
12	Thickness change and deformation of custom-made mouthguards after two years of use by Bangladeshi field hockey players. <i>Dental Traumatology</i> , 2021, 37, 617-622.	0.8	7
13	Fabrication of Shock Absorbing Photopolymer Composite Material for 3D Printing Sports Mouthguard. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2020, 33, 615-622.	0.1	7
14	Evaluation of the flexural properties of a new temporary splint material for use in dental trauma splints. <i>Journal of Dental Sciences</i> , 2017, 12, 308-310.	1.2	5
15	Establishment of experimental models to evaluate the effectiveness of dental trauma splints. <i>Dental Materials Journal</i> , 2017, 36, 731-739.	0.8	5
16	Improvement of the Shock Absorption Ability of a Face Guard by Incorporating a Glass-Fiber-Reinforced Thermoplastic and Buffering Space. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	4
17	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. <i>Polymers</i> , 2021, 13, 1879.	2.0	4
18	The Effect of Teeth Clenching on Dynamic Balance at Jump-Landing: A Pilot Study. <i>Journal of Applied Biomechanics</i> , 2017, 33, 211-215.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Effectiveness of computer-assisted learning in sports dentistry: studies over a multiple-year period and at two universities. <i>European Journal of Dental Education</i> , 2021, 25, 796-805.	1.0	2
20	Fabrication technique of obturator-type sports mouthguard for a patient who had undergone maxillectomy and its speech intelligibility assessment: A case report. <i>Journal of Prosthodontic Research</i> , 2021, 65, 261-265.	1.1	1
21	Useful design of custom-made mouthguard for athletes undergoing orthodontic treatment with brackets and wires. <i>Journal of Dental Sciences</i> , 2022, 17, 308-315.	1.2	1
22	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. <i>Chemosensors</i> , 2021, 9, 196.	1.8	1
23	Use of the fiberglass reinforcement method in thermoplastic mouthguard materials to improve flexural properties for enhancement of functionality. <i>Dental Materials Journal</i> , 2021, 40, 1338-1344.	0.8	0
24	Antibacterial effect of a disinfectant spray for sports mouthguards on. <i>Dental Research Journal</i> , 2021, 18, 59.	0.2	0
25	Case Report: Psychoacoustic Analysis of a Clarinet Performance With a Custom-Made Soft Lip Shield Worn to Prevent Mucosal Erosion of Lower Lip. <i>Frontiers in Psychology</i> , 2022, 13, 852866.	1.1	0