

Istabrak Hasan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

267
citations

1163117

8
h-index

940533

16
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26
all docs

26
docs citations

26
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional finite element analysis of anterior fixed partial denture supported by implants with different materials. <i>Annals of Anatomy</i> , 2022, 243, 151943.	1.9	1
2	Comparison of two resilient attachment systems for implant-/mucosa-supported overdentures with a PEKK framework: a clinical pilot study. <i>Clinical Oral Investigations</i> , 2022, 26, 3707-3719.	3.0	2
3	Fatigue behaviour of dental crowns made from a novel high-performance polymer PEKK. <i>Clinical Oral Investigations</i> , 2021, 25, 4895-4905.	3.0	4
4	Quantitative appraisal of bilateral sagittal split osteotomy impact on the loading of temporomandibular joint. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 111, 103985.	3.1	1
5	PEKK-made indirect temporary crowns and bridges: a clinical pilot study. <i>Clinical Oral Investigations</i> , 2019, 23, 771-777.	3.0	24
6	Investigation of the retention forces of secondary telescopic crowns made from Pekkton [®] ivory in combination with primary crowns made from four different dental alloys: an in vitro study. <i>Biomedizinische Technik</i> , 2019, 64, 555-562.	0.8	9
7	Numerical investigations of bone remodelling around the mouse mandibular molar primordia. <i>Annals of Anatomy</i> , 2019, 222, 146-152.	1.9	6
8	Numerical investigation of complete mandibular dentures stabilized by conventional or mini implants in patient individual models. <i>Biomedizinische Technik</i> , 2018, 64, 103-110.	0.8	4
9	Numerical investigation of bone remodelling around immediately loaded dental implants using sika deer (<i>Cervus nippon</i>) antlers as implant bed. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018, 21, 359-369.	1.6	1
10	Biomechanical characteristics of immediately loaded and osseointegration dental implants inserted into Sika deer antler. <i>Medical Engineering and Physics</i> , 2018, 59, 8-14.	1.7	2
11	Sika deer antler as a novel model to investigate dental implant healing: A pilot experimental study. <i>PLoS ONE</i> , 2018, 13, e0200957.	2.5	3
12	The influence of implant body and thread design of mini dental implants on the loading of surrounding bone: a finite element analysis. <i>Biomedizinische Technik</i> , 2017, 62, 393-405.	0.8	9
13	Clinical and radiological investigations of mandibular overdentures supported by conventional or mini-dental implants: A 2-year prospective follow-up study. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 239-246.e2.	2.8	21
14	The influence of residual root number and bone density on combined implant-residual tooth supported prosthesis after tooth hemisection: A finite element study. <i>Annals of Anatomy</i> , 2016, 208, 103-108.	1.9	2
15	Combined implant-residual tooth supported prosthesis after tooth hemisection: A finite element analysis. <i>Annals of Anatomy</i> , 2016, 206, 96-103.	1.9	7
16	Effect of material variation on the biomechanical behaviour of orthodontic fixed appliances: a finite element analysis. <i>European Journal of Orthodontics</i> , 2016, 38, 300-307.	2.4	31
17	Bone stability around dental implants: Treatment related factors. <i>Annals of Anatomy</i> , 2015, 199, 3-8.	1.9	47
18	The effect of screw preload and framework material on the success of cementable fixed partial prostheses: A finite element study. <i>Annals of Anatomy</i> , 2015, 199, 58-66.	1.9	6

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19	Radiographic evaluation of bone density around immediately loaded implants. <i>Annals of Anatomy</i> , 2015, 199, 52-57.	1.9	32
20	Biomechanical investigations of the secondary stability of commercial short dental implants in porcine ribs. <i>Biomedizinische Technik</i> , 2014, 59, 507-13.	0.8	6
21	Biomechanical finite element analysis of self-tapping implants with different dimensions inserted in two bone qualities. <i>Biomedizinische Technik</i> , 2014, 59, 203-12.	0.8	5
22	Biomechanics and load resistance of small-diameter and mini dental implants: a review of literature. <i>Biomedizinische Technik</i> , 2014, 59, 1-5.	0.8	15
23	Biomechanics and Load Resistance of Short Dental Implants: A Review of the Literature. <i>ISRN Dentistry</i> , 2013, 2013, 1-5.	1.5	7
24	Determination of the frictional coefficient of the implant-antler interface: experimental approach. <i>Biomedizinische Technik</i> , 2012, 57, 359-63.	0.8	5
25	Simulating the trabecular bone structure around dental implants: a case presentation. <i>Biomedizinische Technik</i> , 2012, 57, 17-19.	0.8	6
26	Clinical, biomechanical and biological aspects of immediately loaded dental implants: a critical review of the literature. <i>Biomedizinische Technik</i> , 2010, 55, 311-315.	0.8	11