

Andreas

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

751
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	PEEK Dental Implants: A Review of the Literature. <i>Journal of Oral Implantology</i> , 2013, 39, 743-749.	1.0	210
2	Flexural behavior of PEEK materials for dental application. <i>Dental Materials</i> , 2015, 31, 1377-1384.	3.5	128
3	Parameters Influencing the Outcome of Additive Manufacturing of Tiny Medical Devices Based on PEEK. <i>Materials</i> , 2020, 13, 466.	2.9	51
4	Mechanical properties of fused filament fabricated PEEK for biomedical applications depending on additive manufacturing parameters. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104250.	3.1	47
5	The impact of argon/oxygen low-pressure plasma on shear bond strength between a veneering composite and different PEEK materials. <i>Dental Materials</i> , 2017, 33, 990-994.	3.5	45
6	Fatigue limits of different PEEK materials for dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 69, 163-168.	3.1	40
7	Pressure behavior of different PEEK materials for dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 54, 295-304.	3.1	38
8	Influence of different low-pressure plasma process parameters on shear bond strength between veneering composites and PEEK materials. <i>Dental Materials</i> , 2018, 34, e246-e254.	3.5	38
9	The applicability of PEEK-based abutment screws. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 63, 244-251.	3.1	30
10	The impact of different low-pressure plasma types on the physical, chemical and biological surface properties of PEEK. <i>Dental Materials</i> , 2021, 37, e15-e22.	3.5	25
11	Maximum insertion torque of a novel implant-abutment-interface design for PEEK dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 77, 85-89.	3.1	21
12	In vitro degradation of a biodegradable polylactic acid/magnesium composite as potential bone augmentation material in the presence of titanium and PEEK dental implants. <i>Dental Materials</i> , 2018, 34, 1492-1500.	3.5	19
13	Bacterial leakage and bending moments of screw-retained, composite-veneered PEEK implant crowns. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 91, 32-37.	3.1	18
14	Performance of PEEK based telescopic crowns, a comparative study. <i>Dental Materials</i> , 2021, 37, 1667-1675.	3.5	14
15	A Novel Approach to Prove Bacterial Leakage of Implant-Abutment Connections In Vitro. <i>Journal of Oral Implantology</i> , 2016, 42, 452-457.	1.0	12
16	The Video Microscopy-Linked Electrochemical Cell: An Innovative Method to Improve Electrochemical Investigations of Biodegradable Metals. <i>Materials</i> , 2021, 14, 1601.	2.9	5
17	Ultrasonic welding of polyetheretherketone for dental applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 130, 105225.	3.1	4
18	Polyetheretherketone implant surface functionalization technologies and the need for a transparent quality evaluation system. <i>Polymer International</i> , 2020, 70, 1002.	3.1	3

#	ARTICLE	IF	CITATIONS
19	Exploring the degradation behavior of MgXAg alloys by in vitro electrochemical methods. <i>Bioactive Materials</i> , 2022, 7, 441-452.	15.6	2