

# Andreas

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

751  
citations

623574

14  
h-index

752573

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the degradation behavior of MgXAg alloys by in vitro electrochemical methods. <i>Bioactive Materials</i> , 2022, 7, 441-452.	8.6	2
2	Ultrasonic welding of polyetheretherketone for dental applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 130, 105225.	1.5	4
3	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.	1.6	25
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.	1.5	47
5	The Video Microscopy-Linked Electrochemical Cell: An Innovative Method to Improve Electrochemical Investigations of Biodegradable Metals. <i>Materials</i> , 2021, 14, 1601.	1.3	5
6	Performance of PEEK based telescopic crowns, a comparative study. <i>Dental Materials</i> , 2021, 37, 1667-1675.	1.6	14
7	Polyetheretherketone implant surface functionalization technologies and the need for a transparent quality evaluation system. <i>Polymer International</i> , 2020, 70, 1002.	1.6	3
8	Parameters Influencing the Outcome of Additive Manufacturing of Tiny Medical Devices Based on PEEK. <i>Materials</i> , 2020, 13, 466.	1.3	51
9	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.	1.5	18
10	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.	1.5	21
11	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.	1.6	19
12	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.	1.6	38
13	Fatigue limits of different PEEK materials for dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 69, 163-168.	1.5	40
14	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.	1.6	45
15	A Novel Approach to Prove Bacterial Leakage of Implant-Abutment Connections In Vitro. <i>Journal of Oral Implantology</i> , 2016, 42, 452-457.	0.4	12
16	The applicability of PEEK-based abutment screws. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 63, 244-251.	1.5	30
17	Pressure behavior of different PEEK materials for dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 54, 295-304.	1.5	38
18	Flexural behavior of PEEK materials for dental application. <i>Dental Materials</i> , 2015, 31, 1377-1384.	1.6	128

#	ARTICLE	IF	CITATIONS
19	PEEK Dental Implants: A Review of the Literature. Journal of Oral Implantology, 2013, 39, 743-749.	0.4	210