

Carmen González-Lluch

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

161
citations

1478280

6
h-index

1199470

12
g-index

18
all docs

18
docs citations

18
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey on 3D CAD model quality assurance and testing tools. CAD Computer Aided Design, 2017, 83, 64-79.	1.4	51
2	Interpreting finite element results for brittle materials in endodontic restorations. BioMedical Engineering OnLine, 2011, 10, 44.	1.3	35
3	Influence of material and diameter of prefabricated posts on maxillary central incisors restored with crown. Journal of Oral Rehabilitation, 2009, 36, 737-747.	1.3	28
4	Premolars restored with posts of different materials: fatigue analysis. Dental Materials Journal, 2011, 30, 881-886.	0.8	8
5	Mechanical performance of endodontic restorations with prefabricated posts: sensitivity analysis of parameters with a 3D finite element model. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 1108-1118.	0.9	8
6	On the effects of the fix geometric constraint in 2D profiles on the reusability of parametric 3D CAD models. International Journal of Technology and Design Education, 2019, 29, 821-841.	1.7	7
7	Inclusion of the periodontal ligament in studies on the biomechanical behavior of fiber post-retained restorations: An in vitro study and three-dimensional finite element analysis. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2016, 230, 230-238.	1.0	6
8	Analysis of the effect of design parameters and their interactions on the strength of dental restorations with endodontic posts, using finite element models and statistical analysis. Computer Methods in Biomechanics and Biomedical Engineering, 2016, 19, 428-439.	0.9	6
9	Experimental strength of restorations with fibre posts at different stages, with and without using a simulated ligament. Journal of Oral Rehabilitation, 2012, 39, 188-197.	1.3	5
10	A voice-based annotation system for collaborative computer-aided design. Journal of Computational Design and Engineering, 2021, 8, 536-546.	1.5	4
11	A constraint redundancy elimination strategy to improve design reuse in parametric modeling. Computers in Industry, 2021, 129, 103460.	5.7	1
12	TOWARDS APPROPRIATE MODELING PRACTICES THROUGH EVALUATION CRITERIA. EDULEARN Proceedings, 2016, , .	0.0	1
13	APPLICATION OF FLIPPED METHODOLOGY IN COMPUTER AIDED DESIGN TEACHING. , 2021, , .		1
14	On the Internationalization of CAD Learning Through an English Glossary. Lecture Notes in Mechanical Engineering, 2020, , 330-338.	0.3	0
15	SELF AND PEER EVALUATION METHODOLOGIES AND ITS APPLICATION IN COMPUTER AIDED DESIGN TEACHING. , 2021, , .		0
16	Training Engineers in the Use of Constraints to Create Quality 2D Profiles for 3D Models. Computer-Aided Design and Applications, 2020, 18, 612-623.	0.4	0
17	ANALYSIS OF AUGMENTED REALITY'S INFLUENCE ON REGULAR SYSTEMS TAUGHT IN TECHNICAL GRAPHICS SUBJECTS. , 2020, , .		0
18	INTRODUCTION OF FLIPPED LEARNING IN TEACHING TECHNICAL DRAWING AND GRAPHICS AND COMPUTER AIDED DESIGN. , 2020, , .		0