Walter G Renne

List of Publications by Year
in descending order

32 papers	1,080 citations	516215 16 h-index	476904 29 g-index
32 all docs	32 docs citations	32 times ranked	869 citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the accuracy of 7 digital scanners: An inÂvitro analysis based on 3-dimensional comparisons. Journal of Prosthetic Dentistry, 2017, 118, 36-42.	1.1	284
2	Effect of scan pattern on complete-arch scans with 4 digital scanners. Journal of Prosthetic Dentistry, 2020, 123, 85-95.	1.1	87
3	Predicting marginal fit of CAD/CAM crowns based on the presence or absence of common preparation errors. Journal of Prosthetic Dentistry, 2012, 108, 310-315.	1.1	85
4	E4D Compare Software: An Alternative to Faculty Grading in Dental Education. Journal of Dental Education, 2013, 77, 168-175.	0.7	65
5	Evaluation of removable partial denture frameworks fabricated using 3 different techniques. Journal of Prosthetic Dentistry, 2019, 122, 390-395.	1.1	61
6	Comparing the trueness of seven intraoral scanners and a physical impression on dentate human maxilla by a novel method. BMC Oral Health, 2020, 20, 97.	0.8	58
7	Evaluation of the effect scan pattern has on the trueness and precision of six intraoral digital impression systems. Journal of Esthetic and Restorative Dentistry, 2018, 30, 113-118.	1.8	57
8	The effect different substrates have on the trueness and precision of eight different intraoral scanners. Journal of Esthetic and Restorative Dentistry, 2020, 32, 204-218.	1.8	57
9	Evaluation of the trueness and precision of complete arch digital impressions on a human maxilla using seven different intraoral digital impression systems and a laboratory scanner. Journal of Esthetic and Restorative Dentistry, 2019, 31, 369-377.	1.8	53
10	Evaluation of complete-arch implant scanning with 5 different intraoral scanners in terms of trueness and operator experience. Journal of Prosthetic Dentistry, 2022, 128, 632-638.	1.1	41
11	Incorporation of bactericidal poly-acrylic acid modified copper iodide particles into adhesive resins. Journal of Dentistry, 2015, 43, 546-555.	1.7	33
12	Evaluation of the Marginal Fit of <scp>CAD</scp>/<scp>CAM</scp> Crowns Fabricated Using Two Different Chairside <scp>CAD</scp>/<scp>CAM</scp> Systems on Preparations of Varying Quality. Journal of Esthetic and Restorative Dentistry, 2015, 27, 194-202.	1.8	33
13	Effect of scan substrates on accuracy of 7 intraoral digital impression systems using human maxilla model. Orthodontics and Craniofacial Research, 2019, 22, 168-174.	1.2	26
14	E4D compare software: an alternative to faculty grading in dental education. Journal of Dental Education, 2013, 77, 168-75.	0.7	22
15	Antibacterial properties of copper iodide-doped glass ionomer-based materials and effect of copper iodide nanoparticles on collagen degradation. Clinical Oral Investigations, 2017, 21, 369-379.	1.4	19
16	Biocompatibility and bond degradation of poly-acrylic acid coated copper iodide-adhesives. Dental Materials, 2017, 33, e336-e347.	1.6	19
17	Marginal and internal fit of full ceramic crowns milled using CADCAM systems on cadaver full arch scans. BMC Oral Health, 2020, 20, 189.	0.8	14
18	Dental students' opinions of preparation assessment with E4D compare software versus traditional methods. Journal of Dental Education, 2014, 78, 1424-31.	0.7	13

#	Article	IF	Citations
19	Utilizing Self€Assessment Software to Evaluate Student Wax€Ups in Dental Morphology. Journal of Dental Education, 2015, 79, 697-704.	0.7	12
20	Aerosol and spatter mitigation in dentistry: Analysis of the effectiveness of 13 setups. Journal of Esthetic and Restorative Dentistry, 2021, 33, 466-479.	1.8	10
21	A novel method for complex three-dimensional evaluation of intraoral scanner accuracy. International Journal of Computerized Dentistry, 2019, 22, 239-249.	0.2	9
22	A novel technique for reference point generation to aid in intraoral scan alignment. Journal of Esthetic and Restorative Dentistry, 2017, 29, 391-395.	1.8	8
23	Anatomic Customization of Root-Analog Dental Implants With Cone-Beam CT and CAD/CAM Fabrication: A Cadaver-Based Pilot Evaluation. Journal of Oral Implantology, 2018, 44, 15-26.	0.4	4
24	Digital Workflow in Implant Dentistry. Current Oral Health Reports, 2017, 4, 131-135.	0.5	3
25	<scp>3D</scp> printed implant surgical guides with internally routed irrigation for temperature reduction during osteotomy preparation: A pilot study. Journal of Esthetic and Restorative Dentistry, 2022, 34, 796-803.	1.8	3
26	COMMENTARY. effect of bleaching on staining susceptibility of resin composite restorative materials. Journal of Esthetic and Restorative Dentistry, 2009, 21, 415-415.	1.8	1
27	Utilizing self-assessment software to evaluate student wax-ups in dental morphology. Journal of Dental Education, 2015, 79, 697-704.	0.7	1
28	Effect of Print Angulation on Surface Roughness of 3D-Printed Models. Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995), 2020, 41, e1-e4.	0.1	1
29	Assessing the antimicrobial properties of copper-iodide doped adhesives in an In vitro caries model: A pilot study. Contemporary Clinical Dentistry, 2022, 13, 118.	0.2	1
30	Chairside repair of worn or lost denture teeth using nanofilled composite resin bonded to the denture base. Journal of Prosthetic Dentistry, 2010, 103, 129-130.	1.1	0
31	Commentary. Journal of Esthetic and Restorative Dentistry, 2013, 25, 344-345.	1.8	0
32	Chairside CAD/CAM technology: a positive "disruption" in dentistry. Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995), 2014, 35, 126-7.	0.1	0