Mathew T Kattadiyil

List of Publications by Year
in descending order

57 papers	1,671 citations	393982 19 h-index	288905 40 g-index
59 all docs	59 docs citations	59 times ranked	1202 citing authors

#	Article	IF	Citations
1	Outcomes of root canal treatment and restoration, implant-supported single crowns, fixed partial dentures, and extraction without replacement: A systematic review. Journal of Prosthetic Dentistry, 2007, 98, 285-311.	1.1	242
2	Comparison of denture base adaptation between CAD-CAM and conventional fabrication techniques. Journal of Prosthetic Dentistry, 2016, 116, 249-256.	1.1	207
3	Comparison of treatment outcomes in digital and conventional complete removable dental prosthesis fabrications in a predoctoral setting. Journal of Prosthetic Dentistry, 2015, 114, 818-825.	1.1	185
4	Comparison of retention between maxillary milled and conventional denture bases: A clinical study. Journal of Prosthetic Dentistry, 2017, 117, 233-238.	1.1	110
5	Intraoral scanning of hard and soft tissues for partial removable dental prosthesis fabrication. Journal of Prosthetic Dentistry, 2014, 112, 444-448.	1.1	108
6	An update on computer-engineered complete dentures: AÂsystematic review on clinical outcomes. Journal of Prosthetic Dentistry, 2017, 117, 478-485.	1.1	94
7	An In Vitro Investigation of Accuracy and Fit of Conventional and CAD/CAM Removable Partial Denture Frameworks. Journal of Prosthodontics, 2019, 28, 547-555.	1.7	65
8	Comparison of denture tooth movement between CAD-CAM and conventional fabrication techniques. Journal of Prosthetic Dentistry, 2018, 119, 108-115.	1.1	55
9	Clinical complications and quality assessments with computer-engineered complete dentures: A systematic review. Journal of Prosthetic Dentistry, 2017, 117, 721-728.	1.1	49
10	Effects of ageing and staining on color of acrylic resin denture teeth. Journal of Dentistry, 2012, 40, e47-e54.	1.7	40
11	Stainability of acrylic resin materials used in CAD-CAM and conventional complete dentures. Journal of Prosthetic Dentistry, 2020, 123, 880-887.	1.1	40
12	Effect of screw-access channels on the fracture resistance of 3 types of ceramic implant-supported crowns. Journal of Prosthetic Dentistry, 2016, 116, 214-220.	1.1	39
13	Three-dimensional printing in contemporary fixed prosthodontics: A technique article. Journal of Prosthetic Dentistry, 2018, 119, 530-534.	1.1	33
14	Effect of image sharpening on radiographic image quality. Journal of Prosthetic Dentistry, 2018, 120, 927-933.	1.1	27
15	Errors associated with digital preview of computer-engineered complete dentures and guidelines for reducing them: A technique article. Journal of Prosthetic Dentistry, 2018, 119, 17-25.	1.1	26
16	Esthetic smile preferences and the orientation of the maxillary occlusal plane. Journal of Prosthetic Dentistry, 2012, 108, 354-361.	1.1	24
17	Colorizing titanium-6aluminum-4vanadium alloy using electrochemical anodization: Developing a color chart. Journal of Prosthetic Dentistry, 2018, 119, 26-28.	1.1	23
18	Use of a Digitally Planned and Fabricated Mandibular Complete Denture for Easy Conversion to an Immediately Loaded Provisional Fixed Complete Denture. Part 1. Planning and Surgical Phase. International Journal of Prosthodontics, 2014, 27, 417-421.	0.7	21

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19	Application of digital technology in the prosthodontic management of a patient with myasthenia gravis: A clinical report. Journal of Prosthetic Dentistry, 2016, 115, 531-536.	1.1	20
20	Abutment screw torque changes with straight and angled screw-access channels. Journal of Prosthetic Dentistry, 2021, 125, 675-681.	1.1	20
21	Effects of denture adhesive on the retention of milled and heat-activated maxillary denture bases: A clinical study. Journal of Prosthetic Dentistry, 2018, 120, 361-366.	1.1	18
22	Digitally Planned and Fabricated Mandibular Fixed Complete Dentures. Part 2. Prosthodontic Phase. International Journal of Prosthodontics, 2015, 28, 119-123.	0.7	15
23	Comparison of maxillary anterior tooth width and facial dimensions of 3 ethnicities. Journal of Prosthetic Dentistry, 2017, 118, 504-510.	1.1	15
24	Effect of disinfection on irreversible hydrocolloid and alternative impression materials and the resultant gypsum casts. Journal of Prosthetic Dentistry, 2012, 108, 250-258.	1.1	13
25	Laboratory technique for coloring titanium abutments to improve esthetics. Journal of Prosthetic Dentistry, 2016, 115, 409-411.	1.1	13
26	Obturator fabrication incorporating computer-aided design and 3-dimensional printing technology: A clinical report. Journal of Prosthetic Dentistry, 2019, 121, 694-697.	1.1	13
27	An in vitro investigation into the physical properties of irreversible hydrocolloid alternatives. Journal of Prosthetic Dentistry, 2010, 104, 325-332.	1.1	11
28	InÂvitro comparison of the maxillary occlusal plane orientation obtained with five facebow systems. Journal of Prosthetic Dentistry, 2015, 114, 566-573.	1.1	11
29	The Relationship Between Centric Occlusion and The Maximal Intercuspal Position and Their Use as Treatment Positions for Complete Mouth Rehabilitation: Best Evidence Consensus Statement. Journal of Prosthodontics, 2021, 30, 26-33.	1.7	11
30	CAD-CAM implant-supported fixed complete dental prosthesis with titanium milled molars: A clinical report. Journal of Prosthetic Dentistry, 2017, 117, 463-469.	1.1	10
31	Leadership diversity in prosthodontics: Number of women and nonwhite individuals serving as President of selected prosthodontic organizations in the last 20 years. Journal of Prosthetic Dentistry, 2021, 125, 773-777.	1.1	8
32	Leadership diversity in dentistry. Journal of the American Dental Association, 2021, 152, 85-88.	0.7	8
33	What Materials and Reproducible Techniques May Be Used in Recording Centric Relation? Best Evidence Consensus Statement. Journal of Prosthodontics, 2021, 30, 34-42.	1.7	8
34	Leadership diversity in prosthodontics: The number and percentage of women speakers at recent annual scientific meetings of prosthodontic organizations. Journal of Prosthetic Dentistry, 2020, 123, 461-465.	1.1	7
35	Evaluation of implant abutment screw tightening protocols on reverse tightening values: An inÂvitro study. Journal of Prosthetic Dentistry, 2021, 125, 486-490.	1.1	7
36	Diagnostic Classification and Design Considerations for Implant-Supported Fixed Partial Dentures and Screw Access Channel: The ABC/PBC and SAC Classifications. International Journal of Prosthodontics, 2017, 30, 490-495.	0.7	6

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37	Digital technology for performing a nasopalatine and greater palatine nerve block with a modified implant surgical guide: A technique article. Journal of Prosthetic Dentistry, 2018, 120, 338-342.	1.1	6
38	Comparison of the effects of cement removal from zirconia and titanium abutments: An inÂvitro study. Journal of Prosthetic Dentistry, 2019, 121, 504-509.	1.1	6
39	Selective implant scan body modification to restore severely tilted adjacent implants: A completely digital workflow. Journal of Prosthetic Dentistry, 2020, 123, 38-41.	1.1	6
40	Integration of intraoral scanning and conventional processing to fabricate a definitive obturator: A dental technique. Journal of Prosthetic Dentistry, 2021, 126, 596-599.	1.1	5
41	Complete mouth reconstruction with implant-supported fixed partial dental prostheses fabricated with zirconia frameworks: A 4-year clinical follow-up. Journal of Prosthetic Dentistry, 2014, 112, 397-401.	1.1	4
42	Evaluation of correlations between frequencies of complete denture relines and serum levels of 3 bone metabolic markers: A cross-sectional pilot study. Journal of Prosthetic Dentistry, 2016, 116, 867-873.	1.1	4
43	An inÂvitro investigation comparing methods of minimizing excess luting agent for cement-retained implant-supported fixed partial dentures. Journal of Prosthetic Dentistry, 2020, 124, 706-715.	1.1	4
44	Adjacent Dental Implants Classification Based on Restorative Design. Journal of Oral Implantology, 2017, 43, 405-409.	0.4	3
45	Digitally Milled Metal Framework for Fixed Complete Denture with Metal Occlusal Surfaces: A Design Concept. International Journal of Periodontics and Restorative Dentistry, 2017, 37, e180-e188.	0.4	3
46	Use of Patient's Own Natural Teeth as Part of the Interim Prosthesis on Immediately Placed Single Implants in a Staged Surgical Approach: A Clinical Report. Journal of Oral Implantology, 2018, 44, 351-357.	0.4	3
47	Management of ectodermal dysplasia with tooth-supported computer-engineered complete overdentures: A clinical report. Journal of Prosthetic Dentistry, 2019, 121, 195-199.	1.1	3
48	Leadership diversity in prosthodontics: Recommendations for the representation of women speakers at scientific prosthodontic meetings. Journal of Prosthetic Dentistry, 2020, 124, 554-558.	1.1	3
49	An inÂvitro evaluation of the maxillary occlusal plane orientation obtained with an electronic application: A preliminary investigation. Journal of Prosthetic Dentistry, 2018, 119, 146-151.	1.1	2
50	Computer-engineered complete denture fabrication with conventional clinical steps: A technique to overcome protocolÂlimitations. Journal of Prosthetic Dentistry, 2019, 122, 430-434.	1.1	2
51	Use of Implantâ€Supported Custom Milled Impression Copings to Capture Softâ€Tissue Contours and Incisal Guidance. Journal of Prosthodontics, 2019, 28, 473-479.	1.7	2
52	Effect of opposing implant prostheses on periodontal pathogens in dentures: A pilot study. Journal of Prosthetic Dentistry, 2017, 118, 153-158.	1.1	1
53	Ring Rest Seat Design for Severely Tilted Molar Abutment Tooth: An Alternative Option. Journal of Prosthodontics, 2017, 26, 327-330.	1.7	1
54	Effect of Intraoral Mechanical Cleaning Techniques on Bond Strength of Cast Crowns to Metal Cores. Journal of Prosthodontics, 2020, 29, 69-73.	1.7	1

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55	Complications Associated With Metal Resin Fixed Complete Denture Based On Implant Distribution. Journal of Prosthodontics, 2022, , .	1.7	1
56	Predictable prosthetic space maintenance during staged complete-mouth rehabilitation. Journal of Prosthetic Dentistry, 2018, 119, 7-11.	1.1	0
57	Scanning accuracy with splinted and unsplinted implant scan bodies for the edentulous arch atÂimplant level: an in vitro study. Journal of Oral Implantology, 0, , .	0.4	0