

# Mathew T Kattadiyil

## List of Publications by Citations

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56  
papers

1,069  
citations

16  
h-index

32  
g-index

59  
ext. papers

1,384  
ext. citations

3.4  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
56	Outcomes of root canal treatment and restoration, implant-supported single crowns, fixed partial dentures, and extraction without replacement: a systematic review. <i>Journal of Prosthetic Dentistry</i> , <b>2007</b> , 98, 285-311	4	189
55	Comparison of denture base adaptation between CAD-CAM and conventional fabrication techniques. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 249-56	4	139
54	Comparison of treatment outcomes in digital and conventional complete removable dental prosthesis fabrications in a predoctoral setting. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 818-25	4	122
53	Intraoral scanning of hard and soft tissues for partial removable dental prosthesis fabrication. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 112, 444-8	4	83
52	Comparison of retention between maxillary milled and conventional denture bases: A clinical study. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 233-238	4	74
51	An update on computer-engineered complete dentures: A systematic review on clinical outcomes. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 478-485	4	62
50	Clinical complications and quality assessments with computer-engineered complete dentures: A systematic review. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 721-728	4	32
49	Effects of ageing and staining on color of acrylic resin denture teeth. <i>Journal of Dentistry</i> , <b>2012</b> , 40 Suppl 2, e47-54	4.8	31
48	Comparison of denture tooth movement between CAD-CAM and conventional fabrication techniques. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 108-115	4	29
47	An In Vitro Investigation of Accuracy and Fit of Conventional and CAD/CAM Removable Partial Denture Frameworks. <i>Journal of Prosthodontics</i> , <b>2019</b> , 28, 547-555	3.9	28
46	Errors associated with digital preview of computer-engineered complete dentures and guidelines for reducing them: A technique article. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 17-25	4	20
45	Effect of screw-access channels on the fracture resistance of 3 types of ceramic implant-supported crowns. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 214-20	4	20
44	Three-dimensional printing in contemporary fixed prosthodontics: A technique article. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 530-534	4	19
43	Stainability of acrylic resin materials used in CAD-CAM and conventional complete dentures. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 880-887	4	19
42	Application of digital technology in the prosthodontic management of a patient with myasthenia gravis: A clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 531-6	4	17
41	Esthetic smile preferences and the orientation of the maxillary occlusal plane. <i>Journal of Prosthetic Dentistry</i> , <b>2012</b> , 108, 354-61	4	16
40	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. <i>International Journal of Prosthodontics</i> , <b>2014</b> , 27, 417-21	1.9	15

39	Digitally planned and fabricated mandibular fixed complete dentures. Part 2. Prosthodontic phase. <i>International Journal of Prosthodontics</i> , <b>2015</b> , 28, 119-23	1.9	13
38	Effect of image sharpening on radiographic image quality. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 120, 927-933	4	13
37	Colorizing titanium-6aluminum-4vanadium alloy using electrochemical anodization: Developing a color chart. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 26-28	4	12
36	An in vitro investigation into the physical properties of irreversible hydrocolloid alternatives. <i>Journal of Prosthetic Dentistry</i> , <b>2010</b> , 104, 325-32	4	10
35	Effects of denture adhesive on the retention of milled and heat-activated maxillary denture bases: A clinical study. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 120, 361-366	4	9
34	Effect of disinfection on irreversible hydrocolloid and alternative impression materials and the resultant gypsum casts. <i>Journal of Prosthetic Dentistry</i> , <b>2012</b> , 108, 250-8	4	8
33	Obturator fabrication incorporating computer-aided design and 3-dimensional printing technology: A clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 121, 694-697	4	7
32	Laboratory technique for coloring titanium abutments to improve esthetics. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 409-11	4	7
31	CAD-CAM implant-supported fixed complete dental prosthesis with titanium milled molars: A clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 463-469	4	7
30	Comparison of maxillary anterior tooth width and facial dimensions of 3 ethnicities. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 118, 504-510	4	6
29	In vitro comparison of the maxillary occlusal plane orientation obtained with five facebow systems. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 566-73	4	5
28	CAD/CAM Removable Prosthodontics <b>2015</b> , 107-138		4
27	Digital technology for performing a nasopalatine and greater palatine nerve block with a modified implant surgical guide: A technique article. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 120, 338-342	4	4
26	Leadership diversity in prosthodontics: The number and percentage of women speakers at recent annual scientific meetings of prosthodontic organizations. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 461-465	4	4
25	Comparison of the effects of cement removal from zirconia and titanium abutments: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 121, 504-509	4	4
24	Diagnostic Classification and Design Considerations for Implant-Supported Fixed Partial Dentures and Screw Access Channel: The ABC/PBC and SAC Classifications. <i>International Journal of Prosthodontics</i> , <b>2017</b> , 30, 490-495	1.9	3
23	Complete mouth reconstruction with implant-supported fixed partial dental prostheses fabricated with zirconia frameworks: a 4-year clinical follow-up. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 112, 397-401	4	3
22	Abutment screw torque changes with straight and angled screw-access channels. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 125, 675-681	4	3

21	Computer-engineered complete denture fabrication with conventional clinical steps: A technique to overcome protocol limitations. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 122, 430-434	4	2
20	An in vitro investigation comparing methods of minimizing excess luting agent for cement-retained implant-supported fixed partial dentures. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 124, 706-715	4	2
19	An in vitro evaluation of the maxillary occlusal plane orientation obtained with an electronic application: A preliminary investigation. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 146-151	4	2
18	Evaluation of correlations between frequencies of complete denture relines and serum levels of 3 bone metabolic markers: A cross-sectional pilot study. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 867-873 <sup>4</sup>	4	2
17	Management of ectodermal dysplasia with tooth-supported computer-engineered complete overdentures: A clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 121, 195-199	4	2
16	Digitally Milled Metal Framework for Fixed Complete Denture with Metal Occlusal Surfaces: A Design Concept. <i>International Journal of Periodontics and Restorative Dentistry</i> , <b>2017</b> , 37, e180-e188	2.1	2
15	Integration of intraoral scanning and conventional processing to fabricate a definitive obturator: A dental technique. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 126, 596-599	4	2
14	What Materials and Reproducible Techniques May Be Used in Recording Centric Relation? Best Evidence Consensus Statement. <i>Journal of Prosthodontics</i> , <b>2021</b> , 30, 34-42	3.9	2
13	Evaluation of implant abutment screw tightening protocols on reverse tightening values: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 125, 486-490	4	2
12	Selective implant scan body modification to restore severely tilted adjacent implants: A completely digital workflow. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 38-41	4	2
11	Leadership diversity in prosthodontics: Number of women and nonwhite individuals serving as President of selected prosthodontic organizations in the last 20 years. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 125, 773-777	4	2
10	Effect of opposing implant prostheses on periodontal pathogens in dentures: A pilot study. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 118, 153-158	4	1
9	Adjacent Dental Implants Classification Based on Restorative Design. <i>Journal of Oral Implantology</i> , <b>2017</b> , 43, 405-409	1.2	1
8	Use of Implant-Supported Custom Milled Impression Copings to Capture Soft-Tissue Contours and Incisal Guidance. <i>Journal of Prosthodontics</i> , <b>2019</b> , 28, 473-479	3.9	1
7	Ring Rest Seat Design for Severely Tilted Molar Abutment Tooth: An Alternative Option. <i>Journal of Prosthodontics</i> , <b>2017</b> , 26, 327-330	3.9	1
6	Prosthetic-related dental implant complications: etiology, prevention, and treatment <b>2015</b> , 233-258		1
5	The Relationship Between Centric Occlusion and The Maximal Intercuspal Position and Their Use as Treatment Positions for Complete Mouth Rehabilitation: Best Evidence Consensus Statement. <i>Journal of Prosthodontics</i> , <b>2021</b> , 30, 26-33	3.9	1
4	Effect of Intraoral Mechanical Cleaning Techniques on Bond Strength of Cast Crowns to Metal Cores. <i>Journal of Prosthodontics</i> , <b>2020</b> , 29, 69-73	3.9	1

- 3 Leadership diversity in prosthodontics: Recommendations for the representation of women speakers at scientific prosthodontic meetings. *Journal of Prosthetic Dentistry*, **2020**, 124, 554-558 4 ○
- 2 Use of Patients 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<sup>1,2</sup> ○
- 1 Predictable prosthetic space maintenance during staged complete-mouth rehabilitation. *Journal of Prosthetic Dentistry*, **2018**, 119, 7-11 4