Miguel Gmez-Polo

List of Publications by Citations

45 papers	**348** citations	**11** h-index	**16** g-index
56 ext. papers	**610** ext. citations	**3.2** avg, IF	**3.82** L-index

#	Paper	IF	Citations
45	A 10-year retrospective study of the survival rate of teeth restored with metal prefabricated posts versus cast metal posts and cores. *Journal of Dentistry*, **2010**, 38, 916-20	4.8	51
44	Differences between the human eye and the spectrophotometer in the shade matching of tooth colour. *Journal of Dentistry*, **2014**, 42, 742-5	4.8	45
43	Does Length, Diameter, or Bone Quality Affect Primary and Secondary Stability in Self-Tapping Dental Implants?. *Journal of Oral and Maxillofacial Surgery*, **2016**, 74, 1344-53	1.8	27
42	Polylactic Acid as a Material for Three-Dimensional Printing of Provisional Restorations. *International Journal of Prosthodontics*, **2018**, 31, 349-350	1.9	18
41	SEM evaluation of the precision of fit of CAD/CAM zirconia and metal-ceramic posterior crowns. *Dental Materials Journal*, **2017**, 36, 387-393	2.5	16
40	Factors Affecting the Decision to Use Cemented or Screw-Retained Fixed Implant-Supported Prostheses: A Critical Review. *International Journal of Prosthodontics*, **2018**, 31, 43-54	1.9	15
39	A clinical study relating CIELCH coordinates to the color dimensions of the 3D-Master System in a Spanish population. *Journal of Prosthetic Dentistry*, **2015**, 113, 185-90	4	13
38	Marginal and Internal Discrepancies of Posterior Zirconia-Based Crowns Fabricated with Three Different CAD/CAM Systems Versus Metal-Ceramic. *International Journal of Prosthodontics*, **2015**, 28, 509-11	1.9	13
37	Zirconia-ceramic versus metal-ceramic posterior multiunit tooth-supported fixed dental prostheses: A systematic review and meta-analysis of randomized controlled trials. *Journal of the American Dental Association*, **2020**, 151, 230-238.e7	1.9	12
36	Comparison of the CIELab and CIEDE 2000 Color Difference Formulas on Gingival Color Space. *Journal of Prosthodontics*, **2020**, 29, 401-408	3.9	11
35	The correlation between crown-implant ratios and marginal bone resorption: a preliminary clinical study. *International Journal of Prosthodontics*, **2010**, 23, 33-7	1.9	11
34	Natural Tooth Color Estimation Based on Age and Gender. *Journal of Prosthodontics*, **2017**, 26, 107-114	3.9	8
33	3D Master Toothguide according to L*, C*, and h* coordinates. *Color Research and Application*, **2015**, 40, 518-524	1.3	8
32	Stereophotogrammetric impression making for polyoxymethylene, milled immediate partial fixed dental prostheses. *Journal of Prosthetic Dentistry*, **2018**, 119, 506-510	4	8
31	Study of the shade tabs of the toothguide 3D master through cluster analysis. *Color Research and Application*, **2015**, 40, 194-200	1.3	8
30	Clinical study on natural gingival color. *Odontology / the Society of the Nippon Dental University*, **2019**, 107, 80-89	3.6	7
29	Study of the most frequent natural tooth colors in the Spanish population using spectrophotometry. *Journal of Advanced Prosthodontics*, **2015**, 7, 413-22	2.2	7

28	Artificial intelligence applications in implant dentistry: A systematic review. *Journal of Prosthetic Dentistry*, **2021**,	4	6
27	Artificial intelligence models for tooth-supported fixed and removable prosthodontics: A systematic review. *Journal of Prosthetic Dentistry*, **2021**,	4	6
26	Influence of rescanning mesh holes and stitching procedures on the complete-arch scanning accuracy of an intraoral scanner: An in vitro study. *Journal of Dentistry*, **2021**, 110, 103690	4.8	6
25	Photogrammetric and Intraoral Digital Impression Technique for the Rehabilitation of Multiple Unfavorably Positioned Dental Implants: A Clinical Report. *Journal of Oral Implantology*, **2019**, 45, 398-402	1.2	5
24	Guided implant scanning: A procedure for improving the accuracy of implant-supported complete-arch fixed dental prostheses. *Journal of Prosthetic Dentistry*, **2020**, 124, 135-139	4	5
23	Artificial intelligence applications in restorative dentistry: A systematic review. *Journal of Prosthetic Dentistry*, **2021**,	4	5
22	Preliminary Study on the Assessment of the Marginal Fit of Three-Dimensional Methacrylate Oligomer Phosphine Oxide Provisional Fixed Dental Prostheses Made by Digital Light Processing. *Prosthesis*, **2020**, 2, 240-245	4.7	3
21	Clinical Study of the 3D-Master Color System among the Spanish Population. *Journal of Prosthodontics*, **2018**, 27, 708-715	3.9	3
20	Comparative In Vitro Study of the Bond Strength of Composite to Carbon Fiber Versus Ceramic to Cobalt-Chromium Alloys Frameworks for Fixed Dental Prostheses. *Materials*, **2020**, 13,	3.5	3
19	Comparative study of the accuracy of an implant intraoral scanner and that of a conventional intraoral scanner for complete-arch fixed dental prostheses. *Journal of Prosthetic Dentistry*, **2021**,	4	3
18	Effect of Fabrication Technique on the Microgap of CAD/CAM Cobalt-Chrome and Zirconia Abutments on a Conical Connection Implant: An In Vitro Study. *Materials*, **2021**, 14,	3.5	3
17	Influence of ambient temperature changes on intraoral scanning accuracy.. *Journal of Prosthetic Dentistry*, **2022**,	4	3
16	Clinical evaluation of the effects of cutting off, overlapping, and rescanning procedures on intraoral scanning accuracy.. *Journal of Prosthetic Dentistry*, **2022**,	4	2
15	Influence of rescanning mesh holes on the accuracy of an intraoral scanner: An in vivo study. *Journal of Dentistry*, **2021**, 115, 103851	4.8	2
14	Treatment Outcomes of Implant-Supported Maxillary Obturator Prostheses in Patients with Maxillary Defects: A Systematic Review. *International Journal of Prosthodontics*, **2020**, 33, 429-440	1.9	2
13	Clinical Behavior and Complications of Mandibular Full-Arch Fixed Dental Prostheses Supported by Three Dental Implants. A Systematic Review and Meta-Analysis. *Biology*, **2021**, 10,	4.9	2
12	CAD/CAM Conic Crowns for Predictable Retention in Implant-Supported Prostheses. *International Journal of Prosthodontics*, **2016**, 29, 230-2	1.9	1
11	Study of natural teeth color according to toothguide 3d master through cluster analysis. *Color Research and Application*, **2016**, 41, 101-107	1.3	1

10	Techniques for locating the screw access hole in cement-retained implant-supported prostheses: A systematic review. *Journal of Prosthetic Dentistry*, **2021**,	4	1
9	Techniques to improve the accuracy of complete-arch implant intraoral digital scans: A systematic review. *Journal of Prosthetic Dentistry*, **2021**,	4	1
8	Colour thresholds of the gingival chromatic space. *Journal of Dentistry*, **2020**, 103, 103502	4.8	1
7	Fracture resistance of additive manufactured and milled implant-supported interim crowns. *Journal of Prosthetic Dentistry*, **2021**,	4	1
6	Influence of ambient light conditions on the accuracy and scanning time of seven intraoral scanners in complete-arch implant scans.. *Journal of Dentistry*, **2022**, 104138	4.8	1
5	In vitro comparison of the efficacy of two fractured implant-prosthesis screw extraction methods: Conventional versus mechanical. *Journal of Prosthetic Dentistry*, **2020**, 124, 720-726	4	0
4	Photogrammetry Technique for the 3D Digital Impression of Multiple Dental Implants. *Lecture Notes in Computational Vision and Biomechanics*, **2019**, 615-619	0.3	0
3	Evaluation of the clinical behavior of 2 different materials for implant-supported interim fixed partial prostheses: A randomized clinical trial. *Journal of Prosthetic Dentistry*, **2020**, 124, 351-356	4	0
2	Influence of the implant scan body bevel location, implant angulation and position on intraoral scanning accuracy: An in vitro study.. *Journal of Dentistry*, **2022**, 121, 104122	4.8	0
1	Interim restoration using dynamic abutments to re-treat a single-implant crown with a labial angulation: A clinical report. *Journal of Prosthetic Dentistry*, **2018**, 120, 791-795	4	