

# Álvaro Zubizarreta-Macho

## List of Publications by Year in descending order

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54  
papers

454  
citations

932766

10  
h-index

839053

18  
g-index

54  
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54  
docs citations

54  
times ranked

291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of Computer-Aided Dynamic Navigation Compared to Computer-Aided Static Navigation for Dental Implant Placement: An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 2123.	1.0	57
2	Accuracy of Computer-Aided Dynamic Navigation Compared to Computer-Aided Static Procedure for Endodontic Access Cavities: An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 129.	1.0	42
3	Endodontic treatment of dens evaginatus by performing a splint guided access cavity. <i>Journal of Esthetic and Restorative Dentistry</i> , 2017, 29, 396-402.	1.8	41
4	Influence of the Number of Teeth and Location of the Virtual Occlusal Record on the Accuracy of the Maxillo-Mandibular Relationship Obtained by Using An Intraoral Scanner. <i>Journal of Prosthodontics</i> , 2023, 32, 253-258.	1.7	23
5	Influence of the Pecking Motion Frequency on the Cyclic Fatigue Resistance of Endodontic Rotary Files. <i>Journal of Clinical Medicine</i> , 2020, 9, 45.	1.0	19
6	Novel Digital Technique to Quantify the Area and Volume of Cement Remaining and Enamel Removed after Fixed Multibracket Appliance Therapy Debonding: An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1098.	1.0	13
7	Effect of Computer-Aided Navigation Techniques on the Accuracy of Endodontic Access Cavities: A Systematic Review and Meta-Analysis. <i>Biology</i> , 2021, 10, 212.	1.3	13
8	Endodontic re-treatment and restorative treatment of a dens invaginatus type II through new technologies. <i>Journal of Clinical and Experimental Dentistry</i> , 2019, 11, 0-0.	0.5	12
9	Influence of the Geometrical Cross-Section Design on the Dynamic Cyclic Fatigue Resistance of NiTi Endodontic Rotary Files—An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4713.	1.0	11
10	Influence of Biologically Oriented Preparation Technique on Peri-Implant Tissues; Prospective Randomized Clinical Trial with Three-Year Follow-Up. Part I: Hard Tissues. <i>Journal of Clinical Medicine</i> , 2019, 8, 2183.	1.0	10
11	Influence of Drilling Technique on the Radiographic, Thermographic, and Geomorphometric Effects of Dental Implant Drills and Osteotomy Site Preparations. <i>Journal of Clinical Medicine</i> , 2020, 9, 3631.	1.0	10
12	The Influence of NiTi Alloy on the Cyclic Fatigue Resistance of Endodontic Files. <i>Journal of Clinical Medicine</i> , 2020, 9, 3755.	1.0	10
13	An analysis in vivo of intracanal bacterial load before and after chemo-mechanical preparation: A comparative analysis of two irrigants and two activation techniques. <i>Journal of Clinical and Experimental Dentistry</i> , 2015, 8, 0-0.	0.5	9
14	The Efficacy of Rotary, Reciprocating, and Combined Non-Surgical Endodontic Retreatment Techniques in Removing a Carrier-Based Root Canal Filling Material from Straight Root Canal Systems: A Micro-Computed Tomography Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 1989.	1.0	9
15	Efficacy of Computer-Aided Static Navigation Technique on the Accuracy of Endodontic Microsurgery. A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 313.	1.0	9
16	Influence of Guided Tissue Regeneration Techniques on the Success Rate of Healing of Surgical Endodontic Treatment: A Systematic Review and Network Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1062.	1.0	9
17	Histological analysis of different local haemostatic agents used for periapical surgery: An experimental study with Sprague-Dawley rats. <i>Australian Endodontic Journal</i> , 2019, 45, 357-364.	0.6	8
18	The Effect of Taper and Apical Diameter on the Cyclic Fatigue Resistance of Rotary Endodontic Files Using an Experimental Electronic Device. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 863.	1.3	8

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19	Survival Rate and Prosthetic and Sinus Complications of Zygomatic Dental Implants for the Rehabilitation of the Atrophic Edentulous Maxilla: A Systematic Review and Meta-Analysis. <i>Biology</i> , 2021, 10, 601.	1.3	8
20	A Novel Digital Technique for Measuring the Accuracy of an Indirect Bonding Technique Using Fixed Buccal Multibracket Appliances. <i>Journal of Personalized Medicine</i> , 2021, 11, 932.	1.1	8
21	Influence of the Digital Mock-Up and Experience on the Ability to Determine the Prosthetically Correct Dental Implant Position during Digital Planning: An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 48.	1.0	7
22	Three-dimensional analysis of the root canal preparation with Reciproc Blue®, WaveOne Gold® and XP EndoShaper®: a new method in vivo. <i>BMC Oral Health</i> , 2021, 21, 88.	0.8	7
23	Influence of the type of reciprocating motion on the cyclic fatigue resistance of reciprocating files in a dynamic model. <i>BMC Oral Health</i> , 2021, 21, 179.	0.8	7
24	Computerized Generation and Finite Element Stress Analysis of Endodontic Rotary Files. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4329.	1.3	7
25	Influence of Cross-Section and Pitch on the Mechanical Response of NiTi Endodontic Files under Bending and Torsional Conditions—A Finite Element Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2642.	1.0	7
26	Failure Rate, Marginal Bone Loss, and Pink Esthetic with Socket-Shield Technique for Immediate Dental Implant Placement in the Esthetic Zone. A Systematic Review and Meta-Analysis. <i>Biology</i> , 2021, 10, 549.	1.3	6
27	Fatigue Analysis of NiTi Rotary Endodontic Files through Finite Element Simulation: Effect of Root Canal Geometry on Fatigue Life. <i>Journal of Clinical Medicine</i> , 2021, 10, 5692.	1.0	6
28	Effect of Fiber-Reinforced Composite and Elastic Post on the Fracture Resistance of Premolars with Root Canal Treatment—An In Vitro Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7616.	1.3	5
29	Efficacy of Removing Thermafil and GuttaCore from Straight Root Canal Systems Using a Novel Non-Surgical Root Canal Re-Treatment System: A Micro-Computed Tomography Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1266.	1.0	5
30	Comparative Analysis of Root Canal Dentin Removal Capacity of Two NiTi Endodontic Reciprocating Systems for the Root Canal Treatment of Primary Molar Teeth. An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 338.	1.0	5
31	Comparative Study of the SEM Evaluation, EDX Assessment, Morphometric Analysis, and Cyclic Fatigue Resistance of Three Novel Brands of NiTi Alloy Endodontic Files. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4414.	1.2	5
32	Effect of Rotational Speed on the Resistance of NiTi Alloy Endodontic Rotary Files to Cyclic Fatigue—An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 3143.	1.0	5
33	Novel Electronic Device to Quantify the Cyclic Fatigue Resistance of Endodontic Reciprocating Files after Using and Sterilization. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4962.	1.3	4
34	Novel Digital Technique to Analyze the Influence of the Operator Experience on the Accuracy of the Orthodontic Micro-Screws Placement. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 400.	1.3	4
35	Influence of the Computer-Aided Static Navigation Technique and Mixed Reality Technology on the Accuracy of the Orthodontic Micro-Screws Placement. An In Vitro Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 964.	1.1	4
36	A Novel Digital Technique to Analyze the Wear of CM-Wire NiTi Alloy Endodontic Reciprocating Files: An In Vitro Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3203.	1.2	4

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37	Accuracy of a Computer-Aided Dynamic Navigation System in the Placement of Zygomatic Dental Implants: An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 1436.	1.0	4
38	Comparative Analysis of Peri-Implant Bone Loss in Extra-Short, Short, and Conventional Implants. A 3-Year Retrospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9278.	1.2	3
39	Peri-Implant Behavior of Tissue Level Dental Implants with a Convergent Neck. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5232.	1.2	3
40	Prostheticallyâ€Driven Fullâ€Mouth Implantâ€Supported Protheses Using Guided Surgical Implant Planning with Composite Resin Markers: A Case Report. <i>Journal of Prosthodontics</i> , 2021, 30, 561-568.	1.7	3
41	Influence of the Computer-Aided Static Navigation Technique on the Accuracy of the Orthodontic Micro-Screws Placement: An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4127.	1.0	3
42	A Comparative Analysis of the Piezoelectric Ultrasonic Appliance and Trephine Bur for Apical Location: An In Vitro Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 1034.	1.1	3
43	What can we do with a dental avulsion? A multidisciplinary Clinical Protocol. <i>Journal of Clinical and Experimental Dentistry</i> , 2020, 12, e991-e998.	0.5	3
44	Comparative Analysis of the Smear Layer Removal Capability between EndoVac and Endoactivator Endodontic Irrigation Systems at the Root Canal System and Isthmus: A Micro-Computed Tomography Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7033.	1.3	2
45	A Novel Digital Technique to Quantify the Area and Volume of Enamel Removal after Interproximal Enamel Reduction. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1274.	1.3	2
46	A comparison of the marginal adaptation of composite overlays fabricated with silicone and an intraoral scanner. <i>Journal of Clinical and Experimental Dentistry</i> , 2021, 13, e473-e478.	0.5	2
47	A Repeatable and Reproducible Digital Method to Quantify the Cement Excess and Enamel Loss after Debonding Lingual Multibracket Appliance Therapy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1295.	1.3	2
48	Comparative Analysis of Ease of Removal of Fractured NiTi Endodontic Rotary Files from the Root Canal Systemâ€An In Vitro Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 718.	1.2	2
49	Area and Volume of Remaining Cement and Enamel after Removal and Polishing of Buccal or Lingual Multibracket Appliances. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1719.	1.3	1
50	Novel Digital Measurement Technique to Analyze the Palatine Suture Expansion after Palatine Rapid Maxillary Expansion Technique. <i>Journal of Personalized Medicine</i> , 2021, 11, 962.	1.1	1
51	Influence of Static Navigation Technique on the Accuracy of Autotransplanted Teeth in Surgically Created Sockets. <i>Journal of Clinical Medicine</i> , 2022, 11, 1012.	1.0	1
52	Novel digital technique to analyze the accuracy and intraoperative complications of orthodontic self-tapping and self-drilling microscrews placement techniques: Anâ€Inâ€vitro study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022, 162, 201-207.	0.8	1
53	Double Lateral Sliding Bridge Flap versus Laterally Closed Tunnel for the Treatment of Single Recessions in the Mandibular Anterior Teeth: A Pseudorandomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 2918.	1.0	1
54	Adding Two Antimicrobial Glasses to an Endodontic Sealer to Prevent Bacterial Root Canal Reinfection: An In Vivo Pilot Study in Dogs. <i>Antibiotics</i> , 2021, 10, 1183.	1.5	0