

# Gelson Luis Adabo

## List of Publications by Citations

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38

papers

651

citations

13

h-index

24

g-index

39

ext. papers

766

ext. citations

3.4

avg, IF

3.7

L-index

#	Paper	IF	Citations
38	Shear bond strength of metal-ceramic repair systems. <i>Journal of Prosthetic Dentistry</i> , <b>2006</b> , 96, 165-73	4	71
37	Vickers hardness of cast commercially pure titanium and Ti-6Al-4V alloy submitted to heat treatments. <i>Brazilian Dental Journal</i> , <b>2006</b> , 17, 126-9	1.9	70
36	The volumetric fraction of inorganic particles and the flexural strength of composites for posterior teeth. <i>Journal of Dentistry</i> , <b>2003</b> , 31, 353-9	4.8	58
35	The effects of mechanical and hydrothermal aging on microstructure and biaxial flexural strength of an anterior and a posterior monolithic zirconia. <i>Journal of Dentistry</i> , <b>2017</b> , 63, 94-102	4.8	48
34	Effect of disinfectant agents on dimensional stability of elastomeric impression materials. <i>Journal of Prosthetic Dentistry</i> , <b>1999</b> , 81, 621-4	4	48
33	Effect of metal primers on bond strength of resin cements to base metals. <i>Journal of Prosthetic Dentistry</i> , <b>2009</b> , 101, 262-8	4	45
32	The effect of mold temperature on castability of CP Ti and Ti-6Al-4V castings into phosphate bonded investment materials. <i>Dental Materials</i> , <b>2006</b> , 22, 1098-102	5.7	39
31	Effect of surface treatments on the shear bond strength of luting cements to Y-TZP ceramic. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 212-9	4	25
30	The effect of different surface treatments on the shear bond strength of luting cements to titanium. <i>Journal of Prosthetic Dentistry</i> , <b>2012</b> , 108, 370-6	4	24
29	Influence of activation modes on diametral tensile strength of dual-curing resin cements. <i>Brazilian Oral Research</i> , <b>2005</b> , 19, 267-71	2.6	24
28	Titanium surface topography after brushing with fluoride and fluoride-free toothpaste simulating 10 years of use. <i>Journal of Dentistry</i> , <b>2012</b> , 40, 265-75	4.8	21
27	The influence of chemical activation on hardness of dual-curing resin cements. <i>Brazilian Oral Research</i> , <b>2004</b> , 18, 228-32	2.6	16
26	Effects of extreme cooling methods on mechanical properties and shear bond strength of bilayered porcelain/3Y-TZP specimens. <i>Journal of Dentistry</i> , <b>2013</b> , 41, 356-62	4.8	13
25	Effect of surface treatments on the bond strength of a resin cement to commercially pure titanium. <i>Brazilian Dental Journal</i> , <b>2010</b> , 21, 111-6	1.9	12
24	Effect of thermal treatments on tensile strength of commercially cast pure titanium and Ti-6Al-4V alloys. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2005</b> , 16, 759-66	4.5	12
23	The effect of coating patterns with spinel-based investment on the castability and porosity of titanium cast into three phosphate-bonded investments. <i>Journal of Prosthodontics</i> , <b>2010</b> , 19, 517-22	3.9	11
22	Evaluation of the thermal shrinkage of titanium and the setting and thermal expansion of phosphate-bonded investments. <i>Journal of Prosthetic Dentistry</i> , <b>2007</b> , 98, 24-9	4	11

21	Efficacy of air-abrasion technique and additional surface treatment at titanium/resin cement interface. <i>Journal of Adhesive Dentistry</i> , <b>2012</b> , 14, 453-9	3	11
20	Effect of sintering temperature on microstructure, flexural strength, and optical properties of a fully stabilized monolithic zirconia. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 124, 594-598	4	11
19	Compressive strength and compressive fatigue limit of conventional and high viscosity posterior resin composites. <i>Brazilian Oral Research</i> , <b>2005</b> , 19, 272-7	2.6	9
18	The mechanical behavior of high-translucent monolithic zirconia after adjustment and finishing procedures and artificial aging. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 330-337	4	9
17	Effect of phosphate-bonded investments on titanium reaction layer and crown fit. <i>Brazilian Oral Research</i> , <b>2010</b> , 24, 147-52	2.6	7
16	Microstructural, Physical, and Fluid Dynamic Assessment of Spinel-Based and Phosphate-Bonded Investments for Dental Applications. <i>International Journal of Applied Ceramic Technology</i> , <b>2015</b> , 12, 306-318	3	6
15	Influence of microwave sterilization on the cutting capacity of carbide burs. <i>Journal of Applied Oral Science</i> , <b>2009</b> , 17, 584-9	3.3	6
14	The influence of short-heating-cycle investments on the quality of commercially pure titanium castings. <i>Journal of Prosthetic Dentistry</i> , <b>2010</b> , 104, 265-72	4	6
13	Streptococcus mutans attachment on a cast titanium surface. <i>Materials Research</i> , <b>2009</b> , 12, 41-44	1.5	6
12	Effect of surface treatments on repair with composite resin of a partially monoclinic phase transformed yttrium-stabilized tetragonal zirconia. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 286-291	4	5
11	Effect of the aging of titanium and zirconia abutment surfaces on the viability, adhesion, and proliferation of cells and the adhesion of microorganisms. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 122, 564.e1-564.e10	4.1	5
10	Influence of Zirconia-Coated Bioactive Glass on Gingival Fibroblast Behavior. <i>Brazilian Dental Journal</i> , <b>2019</b> , 30, 333-341	1.9	4
9	Influence of Particle and Air-Abrasion Moment on Y-TZP Surface Characterization and Bond Strength. <i>Journal of Prosthodontics</i> , <b>2019</b> , 28, e271-e278	3.9	4
8	Improvement to the marginal coping fit of commercially pure titanium cast in phosphate-bonded investment by using a simple pattern coating technique. <i>Journal of Prosthetic Dentistry</i> , <b>2012</b> , 108, 51-7	4	3
7	Influence of the final temperature of investment heating on the tensile strength and Vickers hardness of CP Ti and Ti-6Al-4V alloy. <i>Journal of Applied Oral Science</i> , <b>2007</b> , 15, 44-8	3.3	3
6	Internal adaptation of cast titanium crowns. <i>Journal of Applied Oral Science</i> , <b>2007</b> , 15, 247-52	3.3	3
5	Shear bond strength of different repair systems to titanium after water aging. <i>Operative Dentistry</i> , <b>2012</b> , 37, 253-62	2.9	2
4	Does airborne-particle abrasion before, rather than after, zirconia sintering lead to higher mechanical strength even under aging challenge?. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 155-162	4	2

- 3 Streptococcus mutans adhesion to titanium after brushing with fluoride and fluoride-free toothpaste simulating 10 years of use. *International Journal of Oral and Maxillofacial Implants*, **2013**, 28, 463-9 2.8 1
- 2 A quality assessment of titanium castings produced in an experimental short-heating-cycle investment. *Materials Research*, **2014**, 17, 420-426 1.5 0
- 1 Mercury Toxicity. *From Biomaterials Towards Medical Devices*, **2018**, 125-145