

# Ana Lucia Machado

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98  
papers

2,468  
citations

30  
h-index

44  
g-index

98  
ext. papers

2,809  
ext. citations

3.2  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
98	Cytotoxicity of denture base acrylic resins: a literature review. <i>Journal of Prosthetic Dentistry</i> , <b>2003</b> , 90, 190-3	4	100
97	Susceptibility of clinical isolates of Candida to photodynamic effects of curcumin. <i>Lasers in Surgery and Medicine</i> , <b>2011</b> , 43, 927-34	3.6	96
96	Potentiated electron transference in $\text{Ag}_2\text{WO}_4$ microcrystals with Ag nanofilaments as microbial agent. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 5769-78	2.8	91
95	Evaluation of Candida albicans adhesion and biofilm formation on a denture base acrylic resin containing silver nanoparticles. <i>Journal of Applied Microbiology</i> , <b>2012</b> , 112, 1163-72	4.7	83
94	Comparison of Photodynamic Therapy versus conventional antifungal therapy for the treatment of denture stomatitis: a randomized clinical trial. <i>Clinical Microbiology and Infection</i> , <b>2012</b> , 18, E380-8	9.5	82
93	Adherence in vitro of Candida albicans to plasma treated acrylic resin. Effect of plasma parameters, surface roughness and salivary pellicle. <i>Archives of Oral Biology</i> , <b>2010</b> , 55, 763-70	2.8	69
92	Residual monomer of reline acrylic resins. Effect of water-bath and microwave post-polymerization treatments. <i>Dental Materials</i> , <b>2007</b> , 23, 363-8	5.7	68
91	An infection control protocol: effectiveness of immersion solutions to reduce the microbial growth on dental prostheses. <i>Journal of Oral Rehabilitation</i> , <b>2003</b> , 30, 532-6	3.4	68
90	Hardness and surface roughness of reline and denture base acrylic resins after repeated disinfection procedures. <i>Journal of Prosthetic Dentistry</i> , <b>2009</b> , 102, 115-22	4	55
89	Effect of different exposure times on microwave irradiation on the disinfection of a hard chairside reline resin. <i>Journal of Prosthodontics</i> , <b>2008</b> , 17, 312-7	3.9	49
88	Effect of disinfectants on the hardness and roughness of reline acrylic resins. <i>Journal of Prosthodontics</i> , <b>2006</b> , 15, 235-42	3.9	46
87	Effectiveness of microwave irradiation on the disinfection of complete dentures. <i>International Journal of Prosthodontics</i> , <b>2006</b> , 19, 288-93	1.9	46
86	Effect of water-bath post-polymerization on the mechanical properties, degree of conversion, and leaching of residual compounds of hard chairside reline resins. <i>Dental Materials</i> , <b>2009</b> , 25, 662-71	5.7	44
85	Bonding strength between a hard chairside reline resin and a denture base material as influenced by surface treatment. <i>Journal of Oral Rehabilitation</i> , <b>2001</b> , 28, 1153-7	3.4	44
84	Effectiveness of microwave sterilization on three hard chairside reline resins. <i>International Journal of Prosthodontics</i> , <b>2003</b> , 16, 616-20	1.9	43
83	Cytotoxicity of denture base and hard chairside reline materials: a systematic review. <i>Journal of Prosthetic Dentistry</i> , <b>2012</b> , 107, 114-27	4	42
82	Biocompatibility of denture base acrylic resins evaluated in culture of L929 cells. Effect of polymerisation cycle and post-polymerisation treatments. <i>Gerodontology</i> , <b>2007</b> , 24, 52-7	2.8	41

81	Photodynamic inactivation of microorganisms present on complete dentures. A clinical investigation. Photodynamic disinfection of complete dentures. <i>Lasers in Medical Science</i> , <b>2012</b> , 27, 161-8	3.1	40
80	Effect of oral hygiene education and motivation on removable partial denture wearers: longitudinal study. <i>Gerodontology</i> , <b>2009</b> , 26, 150-6	2.8	40
79	Effect of microwave disinfection on the hardness and adhesion of two resilient liners. <i>Journal of Prosthetic Dentistry</i> , <b>2005</b> , 94, 183-9	4	40
78	Growth of <i>Candida</i> species on complete dentures: effect of microwave disinfection. <i>Mycoses</i> , <b>2009</b> , 52, 154-60	5.2	39
77	Effect of microwave sterilization and water storage on the Vickers hardness of acrylic resin denture teeth. <i>Journal of Prosthetic Dentistry</i> , <b>2005</b> , 93, 483-7	4	38
76	Susceptibility of multispecies biofilm to photodynamic therapy using Photodithazine. <i>Lasers in Medical Science</i> , <b>2015</b> , 30, 685-94	3.1	37
75	Effects of chemical disinfectants on the transverse strength of denture base acrylic resins. <i>Journal of Oral Rehabilitation</i> , <b>2003</b> , 30, 1085-9	3.4	37
74	The effect of disinfectant solutions on the hardness of acrylic resin denture teeth. <i>Journal of Oral Rehabilitation</i> , <b>2003</b> , 30, 749-52	3.4	36
73	<i>Candida albicans</i> inactivation and cell membrane integrity damage by microwave irradiation. <i>Mycoses</i> , <b>2007</b> , 50, 140-7	5.2	33
72	Influence of microwave disinfection on the dimensional stability of intact and relined acrylic resin denture bases. <i>Journal of Prosthetic Dentistry</i> , <b>2007</b> , 98, 216-23	4	33
71	Effect of microwave disinfection on the flexural strength of hard chairside reline resins. <i>Journal of Dentistry</i> , <b>2005</b> , 33, 741-8	4.8	32
70	Prevalence of <i>Candida</i> spp. associated with bacteria species on complete dentures. <i>Gerodontology</i> , <b>2012</b> , 29, 203-8	2.8	30
69	Effect of experimental photopolymerized coatings on the hydrophobicity of a denture base acrylic resin and on <i>Candida albicans</i> adhesion. <i>Archives of Oral Biology</i> , <b>2013</b> , 58, 1-9	2.8	30
68	Cytotoxicity of denture base resins: effect of water bath and microwave postpolymerization heat treatments. <i>International Journal of Prosthodontics</i> , <b>2004</b> , 17, 340-4	1.9	30
67	Cytotoxicity of monomers, plasticizer and degradation by-products released from dental hard chairside reline resins. <i>Dental Materials</i> , <b>2010</b> , 26, 1017-23	5.7	26
66	Effect of post-polymerization heat treatments on the cytotoxicity of two denture base acrylic resins. <i>Journal of Applied Oral Science</i> , <b>2006</b> , 14, 203-7	3.3	26
65	Cytotoxicity of hard chairside reline resins: effect of microwave irradiation and water bath postpolymerization treatments. <i>International Journal of Prosthodontics</i> , <b>2006</b> , 19, 195-201	1.9	26
64	Clinical evaluation of abutment teeth of removable partial denture by means of the Periotest method. <i>Journal of Oral Rehabilitation</i> , <b>2007</b> , 34, 222-7	3.4	25

63	Shear bond strength of aesthetic materials bonded to Ni-Cr alloy. <i>Journal of Dentistry</i> , <b>2003</b> , 31, 205-11	4.8	25
62	Effectiveness of mechanical brushing with different denture cleansing agents in reducing in vitro <i>Candida albicans</i> biofilm viability. <i>Brazilian Dental Journal</i> , <b>2012</b> , 23, 547-54	1.9	24
61	Changes in roughness of denture base and reline materials by chemical disinfection or microwave irradiation: surface roughness of denture base and reline materials. <i>Journal of Applied Oral Science</i> , <b>2011</b> , 19, 521-8	3.3	24
60	Microwave disinfection of complete dentures contaminated in vitro with selected bacteria. <i>Journal of Prosthodontics</i> , <b>2009</b> , 18, 611-7	3.9	24
59	Effect of thermal cycling on denture base and autopolymerizing reline resins. <i>Journal of Applied Oral Science</i> , <b>2013</b> , 21, 219-24	3.3	23
58	Effect of relining, water storage and cyclic loading on the flexural strength of a denture base acrylic resin. <i>Journal of Dentistry</i> , <b>2006</b> , 34, 420-6	4.8	23
57	Effect of thermocycling on the flexural and impact strength of urethane-based and high-impact denture base resins. <i>Gerodontology</i> , <b>2012</b> , 29, e318-23	2.8	22
56	Development and application of methods for determination of residual monomer in dental acrylic resins using high performance liquid chromatography. <i>Biomedical Chromatography</i> , <b>2006</b> , 20, 369-76	1.7	22
55	Antimicrobial activity of TiO <sub>2</sub> :Ag nanocrystalline heterostructures: Experimental and theoretical insights. <i>Chemical Physics</i> , <b>2015</b> , 459, 87-95	2.3	21
54	In vitro evaluation of adherence of <i>Candida albicans</i> , <i>Candida glabrata</i> , and <i>Streptococcus mutans</i> to an acrylic resin modified by experimental coatings. <i>Biofouling</i> , <b>2014</b> , 30, 525-33	3.3	21
53	Disinfection of bovine enamel by microwave irradiation: effect on the surface microhardness and demineralization/remineralization processes. <i>Caries Research</i> , <b>2010</b> , 44, 349-57	4.2	21
52	Hardness of denture base and hard chair-side reline acrylic resins. <i>Journal of Applied Oral Science</i> , <b>2005</b> , 13, 291-5	3.3	21
51	Linear dimensional changes of denture base and hard chair-side reline resins after disinfection. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 1821-1826	2.9	20
50	Overlay removable partial dentures for a patient with ectodermal dysplasia: a clinical report. <i>Journal of Prosthetic Dentistry</i> , <b>2001</b> , 86, 574-7	4	20
49	Colour stability of relined dentures after chemical disinfection. A randomised clinical trial. <i>Journal of Dentistry</i> , <b>2011</b> , 39 Suppl 3, e65-71	4.8	19
48	<i>Candida albicans</i> adherence to an acrylic resin modified by experimental photopolymerised coatings: an in vitro study. <i>Gerodontology</i> , <b>2014</b> , 31, 25-33	2.8	18
47	Effectiveness of two disinfectant solutions and microwave irradiation in disinfecting complete dentures contaminated with methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of the American Dental Association</i> , <b>2012</b> , 143, 270-7	1.9	18
46	Antifungal Applications of Ag-Decorated Hydroxyapatite Nanoparticles. <i>Journal of Nanomaterials</i> , <b>2013</b> , 2013, 1-9	3.2	18

45	Susceptibility profile of a Brazilian yeast stock collection of <i>Candida</i> species isolated from subjects with <i>Candida</i> -associated denture stomatitis with or without diabetes. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2013</b> , 116, 562-9	2	17
44	In vitro adhesion of <i>Candida glabrata</i> to denture base acrylic resin modified by glow-discharge plasma treatment. <i>Mycoses</i> , <b>2013</b> , 56, 134-44	5.2	16
43	Effect of a Silver Nanoparticles Solution on <i>Staphylococcus aureus</i> and <i>Candida</i> spp.. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-7	3.2	16
42	Surface roughness of denture base and reline materials after disinfection by immersion in chlorhexidine or microwave irradiation. <i>Gerodontology</i> , <b>2012</b> , 29, e375-82	2.8	15
41	The effect of long-term disinfection procedures on hardness property of resin denture teeth. <i>Gerodontology</i> , <b>2012</b> , 29, e571-6	2.8	15
40	Microwave denture disinfection versus nystatin in treating patients with well-controlled type 2 diabetes and denture stomatitis: a randomized clinical trial. <i>International Journal of Prosthodontics</i> , <b>2012</b> , 25, 232-44	1.9	15
39	Experimental and theoretical approach of nanocrystalline TiO <sub>2</sub> with antifungal activity. <i>Chemical Physics Letters</i> , <b>2013</b> , 577, 114-120	2.5	13
38	Weight loss and changes in surface roughness of denture base and reline materials after simulated toothbrushing in vitro. <i>Gerodontology</i> , <b>2012</b> , 29, e121-7	2.8	13
37	The effect of water immersion on the shear bond strength between chairside reline and denture base acrylic resins. <i>Journal of Prosthodontics</i> , <b>2007</b> , 16, 255-62	3.9	13
36	Enzymatic activity profile of a Brazilian culture collection of <i>Candida albicans</i> isolated from diabetics and non-diabetics with oral candidiasis. <i>Mycoses</i> , <b>2014</b> , 57, 351-7	5.2	12
35	Eradication of a mature methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) biofilm from acrylic surfaces. <i>Brazilian Dental Journal</i> , <b>2013</b> , 24, 487-91	1.9	12
34	Adhesive bonding of resin composite to various titanium surfaces using different metal conditioners and a surface modification system. <i>Journal of Applied Oral Science</i> , <b>2013</b> , 21, 590-6	3.3	12
33	Effect of microwave disinfection on the surface roughness of three denture base resins after tooth brushing. <i>Gerodontology</i> , <b>2011</b> , 28, 277-82	2.8	12
32	Effect of reline material and denture base surface treatment on the impact strength of a denture base acrylic resin. <i>Gerodontology</i> , <b>2010</b> , 27, 62-9	2.8	12
31	Degree of conversion and molecular weight of one denture base and three reline resins submitted to post-polymerization treatments. <i>Materials Research</i> , <b>2007</b> , 10, 191-197	1.5	12
30	In vitro evaluation of the enzymatic activity profile of non- <i>albicans</i> <i>Candida</i> species isolated from patients with oral candidiasis with or without diabetes. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2014</b> , 118, 84-91	2	11
29	Effect of microwave irradiation and water storage on the viscoelastic properties of denture base and reline acrylic resins. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2012</b> , 5, 53-61	4.1	11
28	Clinical evaluation of failures in removable partial dentures. <i>Journal of Oral Science</i> , <b>2012</b> , 54, 337-42	1.5	11

27	The occurrence of porosity in reline acrylic resins. Effect of microwave disinfection. <i>Gerodontology</i> , <b>2009</b> , 26, 65-71	2.8	11
26	Adhesive bonding of resin composite to various Ni-Cr alloy surfaces using different metal conditioners and a surface modification system. <i>Journal of Prosthodontics</i> , <b>2009</b> , 18, 663-9	3.9	11
25	Effect of a post-polymerization treatments on the flexural strength and Vickers hardness of reline and acrylic denture base resins. <i>Journal of Applied Oral Science</i> , <b>2007</b> , 15, 506-11	3.3	11
24	Evaluation of fungal adherence to plasma-modified polymethylmethacrylate. <i>Mycoses</i> , <b>2011</b> , 54, e344-51	5.2	10
23	Influence of microwave disinfection on the dimensional stability of denture reline polymers. <i>Journal of Prosthodontics</i> , <b>2010</b> , 19, 364-8	3.9	10
22	Effect of disinfection by microwave irradiation on the strength of intact and relined denture bases and the water sorption and solubility of denture base and reline materials. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 107, 300-308	2.9	10
21	Impact strength of denture base and reline acrylic resins subjected to long-term water immersion. <i>Brazilian Dental Journal</i> , <b>2011</b> , 22, 56-61	1.9	9
20	Effect of thermal cycling on microleakage between hard chairside relines and denture base acrylic resins. <i>Gerodontology</i> , <b>2011</b> , 28, 121-6	2.8	9
19	Weight loss and surface roughness of hard chairside reline resins after toothbrushing: influence of postpolymerization treatments. <i>International Journal of Prosthodontics</i> , <b>2006</b> , 19, 281-7	1.9	9
18	Effects of soft denture liners on L929 fibroblasts, HaCaT keratinocytes, and RAW 264.7 macrophages. <i>BioMed Research International</i> , <b>2014</b> , 2014, 840613	3	7
17	Effectiveness of chlorhexidine on the disinfection of complete dentures colonised with fluconazole-resistant <i>Candida albicans</i> : in vitro study. <i>Mycoses</i> , <b>2011</b> , 54, e506-12	5.2	7
16	Glass transition temperature of hard chairside reline materials after post-polymerisation treatments. <i>Gerodontology</i> , <b>2010</b> , 27, 230-5	2.8	7
15	Effect of a heat-treatment on the linear dimensional change of a hard chairside reline resin. <i>Journal of Prosthetic Dentistry</i> , <b>2002</b> , 88, 611-5	4	7
14	Resistance to impact of cross-linked denture base biopolymer materials: effect of relining, glass flakes reinforcement and cyclic loading. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2014</b> , 37, 33-41	4.1	6
13	Evaluation of the occlusion vertical dimension of complete dentures after microwave disinfection. <i>Gerodontology</i> , <b>2012</b> , 29, e815-21	2.8	6
12	Effect of long-term water immersion on the fracture toughness of denture base and reline resins. <i>Gerodontology</i> , <b>2012</b> , 29, e858-64	2.8	6
11	Exothermic behavior, degree of conversion, and viscoelastic properties of experimental and commercially available hard chairside reline resins. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 122, 1669-1676	2.9	6
10	Cytotoxicity of denture base resins: Effect of water bath and microwave postpolymerization heat treatments. <i>Journal of Prosthetic Dentistry</i> , <b>2004</b> , 92, 568	4	6

9	Preparation of composite retentive areas for removable partial denture retainers. <i>Journal of Prosthetic Dentistry</i> , <b>2002</b> , 88, 218-20	4	6
8	Effect of different periods of preconditioning with saliva on <i>Candida albicans</i> adhesion to a denture base resin by crystal violet staining and XTT assay. <i>Journal of Investigative and Clinical Dentistry</i> , <b>2010</b> , 1, 114-9	2.3	5
7	Effect of microwave disinfection procedures on torsional bond strengths of two hard chairside denture relined materials. <i>Journal of Prosthodontics</i> , <b>2006</b> , 15, 337-44	3.9	5
6	Effect of water storage on the shear strength and fatigue limit of the relined resin bond to denture base resins. <i>Journal of Adhesive Dentistry</i> , <b>2010</b> , 12, 319-27	3	5
5	Occlusal Pressure Analysis of Complete Dentures after Microwave Disinfection: A Clinical Study. <i>Journal of Prosthodontics</i> , <b>2017</b> , 26, 606-610	3.9	3
4	Leachability of degradation products from hard chairside relined resins in artificial saliva: Effect of water-bath post-polymerization treatment. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 732-739	2.9	3
3	Effect of Disinfection on Adhesion of Relined Polymers <b>2007</b> , 83, 139-150		3
2	Different methods of finishing and polishing enamel. <i>Journal of Prosthetic Dentistry</i> , <b>2003</b> , 89, 135-40	4	3
1	Effect of microwave disinfection on the bond strength of denture teeth to acrylic resins. <i>International Journal of Adhesion and Adhesives</i> , <b>2008</b> , 28, 296-301	3.4	