

Renata Cristina Silveira Rodrigues

List of Publications by Year in descending order

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56
papers

1,100
citations

430442

18
h-index

454577

30
g-index

56
all docs

56
docs citations

56
times ranked

1139
citing authors

#	ARTICLE	IF	CITATIONS
1	Endodontically treated teeth: Characteristics and considerations to restore them. Journal of Prosthodontic Research, 2011, 55, 69-74.	1.1	102
2	Accuracy of stone casts obtained by different impression materials. Brazilian Oral Research, 2008, 22, 293-298.	0.6	69
3	Comparative study of circumferential clasp retention force for titanium and cobalt-chromium removable partial dentures. Journal of Prosthetic Dentistry, 2002, 88, 290-296.	1.1	60
4	The effect of commercially pure titanium and alternative dental alloys on the marginal fit of one-piece cast implant frameworks. Journal of Dentistry, 2007, 35, 800-805.	1.7	52
5	Effect of repeated torque/mechanical loading cycles on two different abutment types in implants with internal tapered connections: an <i>in vitro</i> study. Clinical Oral Implants Research, 2009, 20, 624-632.	1.9	46
6	Wear resistance of experimental titanium alloys for dental applications. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1873-1879.	1.5	46
7	Effects of chemical composition on the corrosion of dental alloys. Brazilian Dental Journal, 2012, 23, 141-148.	0.5	39
8	Fracture resistance of the implant-abutment connection in implants with internal hex and internal conical connections under oblique compressive loading: an <i>in vitro</i> study. International Journal of Prosthodontics, 2009, 22, 283-6.	0.7	37
9	Torque removal evaluation of prosthetic screws after tightening and loosening cycles: an <i>in vitro</i> study. Clinical Oral Implants Research, 2012, 23, 475-480.	1.9	36
10	Digital image correlation analysis of the load transfer by implant-supported restorations. Journal of Biomechanics, 2011, 44, 1008-1013.	0.9	33
11	Mechanical Comparison of Experimental Conical-Head Abutment Screws with Conventional Flat-Head Abutment Screws for External-Hex and Internal Tri-Channel Implant Connections: An <i>In Vitro</i> Evaluation of Loosening Torque. International Journal of Oral and Maxillofacial Implants, 2013, 28, e321-e329.	0.6	32
12	Implant/abutment vertical misfit of one-piece cast frameworks made with different materials. Brazilian Dental Journal, 2010, 21, 515-519.	0.5	30
13	A three-dimensional finite element analysis of the stress distribution on morse taper implants surface. Journal of Prosthodontic Research, 2013, 57, 206-212.	1.1	29
14	An <i>in vitro</i> study of non-axial forces upon the retention of an O-ring attachment. Clinical Oral Implants Research, 2009, 20, 1314-1319.	1.9	28
15	Retention and stress distribution in distal extension removable partial dentures with and without implant association. Journal of Prosthodontic Research, 2013, 57, 24-29.	1.1	28
16	Modified section method for laser-welding of ill-fitting cp Ti and Ni-Cr alloy one-piece cast implant-supported frameworks. Journal of Oral Rehabilitation, 2010, 37, 359-363.	1.3	24
17	Three-Dimensional Finite Element Analysis of Stress Distribution on Different Bony Ridges With Different Lengths of Morse Taper Implants and Prosthesis Dimensions. Journal of Craniofacial Surgery, 2012, 23, 1888-1892.	0.3	24
18	Comparative analysis of the fit of 3-unit implant-supported frameworks cast in nickel-chromium and cobalt-chromium alloys and commercially pure titanium after casting, laser welding, and simulated porcelain firings. International Journal of Prosthodontics, 2008, 21, 121-3.	0.7	20

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19	Abrasion wear resistance of different artificial teeth opposed to metal and composite antagonists. Journal of Applied Oral Science, 2009, 17, 451-456.	0.7	18
20	Effect of different investments and mold temperatures on titanium mechanical properties. Journal of Prosthodontic Research, 2012, 56, 58-64.	1.1	18
21	Experimental titanium alloys for dental applications. Journal of Prosthetic Dentistry, 2014, 112, 1448-1460.	1.1	18
22	Comparison of the correlation of photoelasticity and digital imaging to characterize the load transfer of implant-supported restorations. Journal of Prosthetic Dentistry, 2014, 112, 276-284.	1.1	18
23	Evaluation of the adaptation interface of one-piece implant-supported superstructures obtained in Ni-Cr-Ti and Pd-Ag alloys. Brazilian Dental Journal, 2003, 14, 197-202.	0.5	17
24	Mechanical analysis of conventional and small diameter conical implant abutments. Journal of Advanced Prosthodontics, 2012, 4, 158.	1.1	17
25	<i>In vitro</i> cytotoxicity of dental alloys and cpTi obtained by casting. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 85B, 504-508.	1.6	15
26	Biomechanical behavior of titanium and zirconia frameworks for implant-supported full-arch fixed dental prosthesis. Clinical Implant Dentistry and Related Research, 2017, 19, 860-866.	1.6	15
27	Effect of temperature variation on the cytotoxicity of cast dental alloys and commercially pure titanium. Journal of Applied Oral Science, 2009, 17, 421-426.	0.7	14
28	Torque Loss of Different Abutment Sizes Before and After Cyclic Loading. International Journal of Oral and Maxillofacial Implants, 2015, 30, 1256-1261.	0.6	14
29	Comparative study of two commercially pure titanium casting methods. Journal of Applied Oral Science, 2010, 18, 487-492.	0.7	13
30	Prosthetic misfit of implant-supported prosthesis obtained by an alternative section method. Journal of Advanced Prosthodontics, 2012, 4, 89.	1.1	13
31	Wear resistance of a pressable low-fusing ceramic opposed by dental alloys. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 32, 46-51.	1.5	13
32	An Alternative Section Method for Casting and Posterior Laser Welding of Metallic Frameworks for an Implant-Supported Prosthesis. Journal of Prosthodontics, 2009, 18, 230-234.	1.7	12
33	Photoelastic comparison of as-cast and laser-welded implant frameworks. Journal of Prosthetic Dentistry, 2015, 114, 652-659.	1.1	12
34	Torque loss under mechanical cycling of long-span zirconia and titanium-cemented and screw-retained implant-supported CAD/CAM frameworks. Clinical Oral Implants Research, 2014, 25, 1395-1402.	1.9	10
35	The use of a mandibular repositioning device for obstructive sleep apnea. European Archives of Oto-Rhino-Laryngology, 2014, 271, 1023-1029.	0.8	10
36	Retention force of T-bar clasps for titanium and cobalt-chromium removable partial dentures. Brazilian Dental Journal, 2008, 19, 209-213.	0.5	9

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37	Effect of cyclic loading on the vertical microgap of long-span zirconia frameworks supported by 4 or 6 implants. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 828-833.	1.1	9
38	Abutments with reduced diameter for both cement and screw retentions: analysis of failure modes and misfit of abutment-crown-connections after cyclic loading. <i>Clinical Oral Implants Research</i> , 2017, 28, 432-436.	1.9	9
39	Effect of laser welding on the titanium composite tensile bond strength. <i>Brazilian Dental Journal</i> , 2009, 20, 403-409.	0.5	8
40	Effect of fluoride-containing solutions on the surface of cast commercially pure titanium. <i>Brazilian Dental Journal</i> , 2009, 20, 201-204.	0.5	8
41	Wear resistance and compression strength of ceramics tested in fluoride environments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 65, 609-615.	1.5	8
42	Effect of fluoride sodium mouthwash solutions on cpTi: evaluation of physicochemical properties. <i>Brazilian Dental Journal</i> , 2012, 23, 496-501.	0.5	8
43	Effect of laser welding on the titanium ceramic tensile bond strength. <i>Journal of Applied Oral Science</i> , 2011, 19, 301-305.	0.7	7
44	Photoelastic Stress Distribution Produced by Different Retention Systems for a Single Implant Mandibular Overdenture. <i>Journal of Prosthodontics</i> , 2015, 24, 538-542.	1.7	7
45	Comparative study of chemical and mechanical retentive systems for bonding of indirect composite resin to commercially pure titanium. <i>Brazilian Dental Journal</i> , 2008, 19, 134-138.	0.5	6
46	Effect of whitening toothpaste on titanium and titanium alloy surfaces. <i>Brazilian Oral Research</i> , 2012, 26, 498-504.	0.6	6
47	Influence of Cyclic Fatigue in Water on Screw Torque Loss of Long-Span One-Piece Implant-Supported Zirconia Frameworks. <i>Journal of Prosthodontics</i> , 2017, 26, 315-320.	1.7	6
48	Fracture loads and failure modes of customized and non-customized zirconia abutments. <i>Dental Materials</i> , 2018, 34, e197-e204.	1.6	6
49	In Vitro Fit and Cementation Resistance of Provisional Crowns for Single Implant-Supported Restorations. <i>Brazilian Dental Journal</i> , 2015, 26, 468-473.	0.5	5
50	Effect of acetyl resin retentive arms on the retentive force of circumferential clasps: An in vitro study. <i>Journal of Prosthodontic Research</i> , 2012, 56, 216-221.	1.1	4
51	Importance of a distal proximal contact on load transfer by implant-supported single adjacent crowns in posterior region of the mandible: a photoelastic study. <i>Journal of Applied Oral Science</i> , 2013, 21, 397-402.	0.7	4
52	Photoelastic Analysis of Stresses Transmitted by Universal Cast to Long Abutment on Implant-Supported Single Restorations Under Static Occlusal Loads. <i>Journal of Craniofacial Surgery</i> , 2012, 23, S77-S81.	0.3	3
53	Custom Morse taper zirconia abutments: Influence on marginal fit and torque loss before and after thermomechanical cycling. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 78, 241-245.	1.5	3
54	The dental alloys determine the choice of composite resins to be used.. <i>Brazilian Dental Science</i> , 2017, 20, 92-98.	0.1	2

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55	Tensile strength of Ni-Cr copings subjected to inner surface sandblasting using different cementing agents: An <i>in vitro</i> study. Acta Odontologica Scandinavica, 2016, 74, 108-114.	0.9	0
56	Fracture toughness of three heat pressed ceramic systems. Brazilian Journal of Oral Sciences, 0, 17, 1-9.	0.1	0