

Nelson Rfa Silva

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,073
citations

516710

16
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	All-Ceramic Systems: Laboratory and Clinical Performance. <i>Dental Clinics of North America</i> , 2011, 55, 333-352.	1.8	208
2	Effect of core design and veneering technique on damage and reliability of Y-TZP-supported crowns. <i>Dental Materials</i> , 2013, 29, 307-316.	3.5	108
3	Additive CAD/CAM Process for Dental Prostheses. <i>Journal of Prosthodontics</i> , 2011, 20, 93-96.	3.7	93
4	Comparative reliability analyses of zirconium oxide and lithium disilicate restorations in vitro and in vivo. <i>Journal of the American Dental Association</i> , 2011, 142, 4S-9S.	1.5	76
5	Fatigue life and failure modes of crowns systems with a modified framework design. <i>Journal of Dentistry</i> , 2010, 38, 626-634.	4.1	70
6	Performance of Zirconia for Dental Healthcare. <i>Materials</i> , 2010, 3, 863-896.	2.9	59
7	Biomechanical evaluation of internal and external hexagon platform switched implant-abutment connections: An in vitro laboratory and three-dimensional finite element analysis. <i>Dental Materials</i> , 2012, 28, e218-e228.	3.5	56
8	Surface characterization of Ti and Y-TZP following non-thermal plasma exposure. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 99B, 199-206.	3.4	54
9	Slow cooling protocol improves fatigue life of zirconia crowns. <i>Dental Materials</i> , 2015, 31, 77-87.	3.5	45
10	Design features of a three-dimensional molar crown and related maximum principal stress. A finite element model study. <i>Dental Materials</i> , 2010, 26, 156-163.	3.5	43
11	Reliability and failure modes of internal conical dental implant connections. <i>Clinical Oral Implants Research</i> , 2013, 24, 197-202.	4.5	43
12	Conventional and Modified Veneered Zirconia vs. Metallo-ceramic: Fatigue and Finite Element Analysis. <i>Journal of Prosthodontics</i> , 2012, 21, 433-439.	3.7	39
13	Fatigue and damage accumulation of veneer porcelain pressed on Y-TZP. <i>Journal of Dentistry</i> , 2010, 38, 318-324.	4.1	37
14	Failure modes of Y-TZP crowns at different cusp inclines. <i>Journal of Dentistry</i> , 2010, 38, 707-712.	4.1	37
15	Off-axis sliding contact reliability and failure modes of veneered alumina and zirconia. <i>Dental Materials</i> , 2009, 25, 892-898.	3.5	35
16	Residual Thermal Stress Simulation in Three-Dimensional Molar Crown Systems: A Finite Element Analysis. <i>Journal of Prosthodontics</i> , 2012, 21, 529-534.	3.7	17
17	Complete denture digital workflow: Combining basic principles with a CAD-CAM approach. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 550-555.	2.8	14
18	Impact Fracture Resistance of Two Titanium Abutment Systems Versus a Single-Piece Ceramic Implant. <i>Clinical Implant Dentistry and Related Research</i> , 2011, 13, 168-173.	3.7	12

#	ARTICLE	IF	CITATIONS
19	Reliability and Failure Modes of a Hybrid Ceramic Abutment Prototype. Journal of Prosthodontics, 2018, 27, 83-87.	3.7	11
20	MicroCT Analysis of a Retrieved Root Restored with a Bonded Fiber-Reinforced Composite Dowel: A Pilot Study. Journal of Prosthodontics, 2013, 22, 478-483.	3.7	7
21	Effect of indenter material on reliability of all-ceramic crowns.. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103831.	3.1	4
22	A Full Digital Workflow for the Duplication of an Existing Implant Retained Overdenture Prosthesis: A Novel Approach. Journal of Prosthodontics, 2021, 30, 555-560.	3.7	4
23	Bond strength evaluation on dental structures after non-thermal plasma treatment. , 2010, , .		1