

# Carlos N Elias

## List of Publications by Year in descending order

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172  
papers

5,287  
citations

117453

34  
h-index

98622

67  
g-index

175  
all docs

175  
docs citations

175  
times ranked

5784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomedical applications of titanium and its alloys. <i>Jom</i> , 2008, 60, 46-49.	0.9	661
2	Relationship between surface properties (roughness, wettability and morphology) of titanium and dental implant removal torque. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2008, 1, 234-242.	1.5	370
3	Extended cyclic fatigue life of F2 ProTaper instruments used in reciprocating movement. <i>International Endodontic Journal</i> , 2010, 43, 1063-1068.	2.3	259
4	Blue Thermomechanical Treatment Optimizes Fatigue Resistance and Flexibility of the Reciproc Files. <i>Journal of Endodontics</i> , 2017, 43, 462-466.	1.4	203
5	Transformation of monetite to hydroxyapatite in bioactive coatings on titanium. <i>Surface and Coatings Technology</i> , 2001, 137, 270-276.	2.2	160
6	Improving osseointegration of dental implants. <i>Expert Review of Medical Devices</i> , 2010, 7, 241-256.	1.4	139
7	Titanium alloy mini-implants for orthodontic anchorage: Immediate loading and metal ion release. <i>Acta Biomaterialia</i> , 2007, 3, 331-339.	4.1	138
8	Influence of implant shape, surface morphology, surgical technique and bone quality on the primary stability of dental implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 16, 169-180.	1.5	133
9	Ultrafine grained titanium for biomedical applications: An overview of performance. <i>Journal of Materials Research and Technology</i> , 2013, 2, 340-350.	2.6	121
10	Mechanical properties, surface morphology and stability of a modified commercially pure high strength titanium alloy for dental implants. <i>Dental Materials</i> , 2015, 31, e1-e13.	1.6	120
11	The physical characterization of a thermoplastic polymer for endodontic obturation. <i>Journal of Dentistry</i> , 2006, 34, 784-789.	1.7	117
12	The Effects of Superficial Roughness and Design on the Primary Stability of Dental Implants. <i>Clinical Implant Dentistry and Related Research</i> , 2011, 13, 215-223.	1.6	115
13	Mechanical and clinical properties of titanium and titanium-based alloys (Ti G2, Ti G4 cold worked) <i>TJ ETQq1 1 0.784314 rgBT /Overlo</i> 2019, 8, 1060-1069.	2.6	105
14	Comparison of the Mechanical Properties of Rotary Instruments Made of Conventional Nickel-Titanium Wire, M-Wire, or Nickel-Titanium Alloy in R-Phase. <i>Journal of Endodontics</i> , 2013, 39, 516-520.	1.4	100
15	Fatigue Life of Reciproc and Mtwo Instruments Subjected to Static and Dynamic Tests. <i>Journal of Endodontics</i> , 2013, 39, 693-696.	1.4	92
16	In vitro evaluation of frictional forces between archwires and ceramic brackets. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2004, 125, 56-64.	0.8	90
17	Effects of Electropolishing Surface Treatment on the Cyclic Fatigue Resistance of BioRace Nickel-Titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2010, 36, 1653-1657.	1.4	77
18	Natural Curaua Fiber-Reinforced Composites in Multilayered Ballistic Armor. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 4567-4577.	1.1	76

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19	Influence of Rotational Speed on the Cyclic Fatigue of Rotary Nickel-Titanium Endodontic Instruments. <i>Journal of Endodontics</i> , 2009, 35, 1013-1016.	1.4	75
20	Bending Resistance and Dynamic and Static Cyclic Fatigue Life of Reciproc and WaveOne Large Instruments. <i>Journal of Endodontics</i> , 2014, 40, 575-579.	1.4	72
21	Cyclic Fatigue of Protaper Instruments. <i>Journal of Endodontics</i> , 2007, 33, 55-57.	1.4	62
22	Systemic levels of metallic ions released from orthodontic mini-implants. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009, 135, 522-529.	0.8	59
23	Influence of Different Manufacturing Methods on the Cyclic Fatigue of Rotary Nickel-Titanium Endodontic Instruments. <i>Journal of Endodontics</i> , 2011, 37, 1553-1557.	1.4	57
24	Cyclic and Torsional Fatigue Resistance of XP-endo Shaper and TRUShape Instruments. <i>Journal of Endodontics</i> , 2018, 44, 168-172.	1.4	56
25	Properties of ZrO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> composite as a function of isothermal holding time. <i>International Journal of Refractory Metals and Hard Materials</i> , 2007, 25, 374-379.	1.7	54
26	Fungal Infection of the Radicular Dentin. <i>Journal of Endodontics</i> , 2002, 28, 770-773.	1.4	53
27	Nanostructured severe plastic deformation processed titanium for orthodontic mini-implants. <i>Materials Science and Engineering C</i> , 2013, 33, 4197-4202.	3.8	50
28	Sequential bone healing of immediately loaded mini-implants: histomorphometric and fluorescence analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 137, 80-90.	0.8	47
29	Influence of Surface Roughness on the Fatigue Life of Nickel-Titanium Rotary Endodontic Instruments. <i>Journal of Endodontics</i> , 2016, 42, 965-968.	1.4	46
30	Atomic force microscopy analysis of different surface treatments of Ti dental implant surfaces. <i>Applied Surface Science</i> , 2004, 233, 29-34.	3.1	44
31	Sequential bone healing of immediately loaded mini-implants. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008, 134, 44-52.	0.8	41
32	Understanding the Shape-Memory Alloys Used in Orthodontics. <i>ISRN Dentistry</i> , 2011, 2011, 1-6.	1.5	41
33	Influence of the coating material on the loosening of dental implant abutment screw joints. <i>Materials Science and Engineering C</i> , 2006, 26, 1361-1366.	3.8	40
34	Mechanical properties and cytotoxicity of 3Y-TZP bioceramics reinforced with Al <sub>2</sub> O <sub>3</sub> particles. <i>Ceramics International</i> , 2009, 35, 709-718.	2.3	39
35	In vitro cellular response to titanium electrochemically coated with hydroxyapatite compared to titanium with three different levels of surface roughness. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 511-519.	1.7	34
36	Properties of Y-TZP/Al <sub>2</sub> O <sub>3</sub> ceramic nanocomposites obtained by high-energy ball milling. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 502, 6-12.	2.6	34

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37	Mechanical Behavior of Pathfinding Endodontic Instruments. Journal of Endodontics, 2012, 38, 1417-1421.	1.4	34
38	Influence of the Geometry of Curved Artificial Canals on the Fracture of Rotary Nickel-Titanium Instruments Subjected to Cyclic Fatigue Tests. Journal of Endodontics, 2013, 39, 704-707.	1.4	31
39	Influence of heat treatment on torsional resistance and surface roughness of nickel-titanium instruments. International Endodontic Journal, 2019, 52, 1645-1651.	2.3	31
40	Nanosized hydroxyapatite and $\beta$ -tricalcium phosphate composite: Physico-chemical, cytotoxicity, morphological properties and in vivo trial. Scientific Reports, 2019, 9, 19602.	1.6	31
41	Integrity of Implant Surface Modifications After Insertion. International Journal of Oral and Maxillofacial Implants, 2014, 29, 97-104.	0.6	30
42	Properties and Performance of Ultrafine Grained Titanium for Biomedical Applications. Materials Research, 2015, 18, 1163-1175.	0.6	30
43	Torsional Fatigue Resistance of Blue-treated Reciprocating Instruments. Journal of Endodontics, 2018, 44, 1038-1041.	1.4	29
44	Participation of integrin $\beta$ 3 in osteoblast differentiation induced by titanium with nano or microtopography. Journal of Biomedical Materials Research - Part A, 2019, 107, 1303-1313.	2.1	29
45	Mechanical properties of Y-TPZ ceramics obtained by liquid phase sintering using bioglass as additive. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 478, 257-263.	2.6	28
46	Frictional resistance of self-ligating versus conventional brackets in different bracket-archwire-angle combinations. Journal of Applied Oral Science, 2014, 22, 228-234.	0.7	28
47	Simulação 3D de movimento ortodntico. Dental Press Journal of Orthodontics, 2010, 15, 98-108.	0.2	27
48	In vitro analysis of the microbiological sealing of tapered implants after mechanical cycling. Clinical Oral Investigations, 2016, 20, 2437-2445.	1.4	27
49	Cyclic fatigue resistance of ProTaper Universal instruments when subjected to static and dynamic tests. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, 401-404.	1.6	25
50	Buckling Resistance of Pathfinding Endodontic Instruments. Journal of Endodontics, 2012, 38, 402-404.	1.4	25
51	Cross-section dimensions and mechanical properties of esthetic orthodontic coated archwires. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 143, S85-S91.	0.8	25
52	Effect of thermocycling on the tensile and shear bond strengths of three soft liners to a denture base resin. Journal of Applied Oral Science, 2007, 15, 18-23.	0.7	24
53	Force extension relaxation of medium force orthodontic latex elastics. Angle Orthodontist, 2011, 81, 812-819.	1.1	24
54	Influence of thermal or chemical degradation on the frictional force of an experimental coated NiTi wire. Angle Orthodontist, 2011, 81, 484-489.	1.1	22

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55	Mechanical properties of NiTi and CuNiTi wires used in orthodontic treatment. Part 2: Microscopic surface appraisal and metallurgical characteristics. Dental Press Journal of Orthodontics, 2014, 19, 69-76.	0.2	22
56	Influence of curvature location along an artificial canal on cyclic fatigue of a rotary nickel-titanium endodontic instrument. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 111, 792-796.	1.6	21
57	Torsional Resistance of Retreatment Instruments. Journal of Endodontics, 2011, 37, 1442-1445.	1.4	20
58	Mechanical testing and finite element analysis of orthodontic teardrop loop. American Journal of Orthodontics and Dentofacial Orthopedics, 2008, 133, 188.e9-188.e13.	0.8	19
59	Mechanical properties of NiTi and CuNiTi shape-memory wires used in orthodontic treatment. Part 1: stress-strain tests. Dental Press Journal of Orthodontics, 2013, 18, 35-42.	0.2	18
60	Effect of focal adhesion kinase inhibition on osteoblastic cells grown on titanium with different topographies. Journal of Applied Oral Science, 2020, 28, e20190156.	0.7	18
61	Performance of 3Y-TZP bioceramics under cyclic fatigue loading. Materials Research, 2008, 11, 89-92.	0.6	17
62	Titanium dental implant surfaces. Revista Materia, 2010, 15, 138-142.	0.1	17
63	Is it possible to re-use mini-implants for orthodontic anchorage? Results of an in vitro study. Materials Research, 2010, 13, 521-525.	0.6	17
64	Shear bond resistance and enamel surface comparison after the bonding and debonding of ceramic and metallic brackets. Dental Press Journal of Orthodontics, 2014, 19, 77-85.	0.2	17
65	Performance of Nano-Hydroxyapatite/Beta-Tricalcium Phosphate and Xenogenic Hydroxyapatite on Bone Regeneration in Rat Calvarial Defects: Histomorphometric, Immunohistochemical and Ultrastructural Analysis. International Journal of Nanomedicine, 2021, Volume 16, 3473-3485.	3.3	17
66	Orthodontic Implants: Concepts for the Orthodontic Practitioner. International Journal of Dentistry, 2012, 2012, 1-7.	0.5	16
67	Evaluation of esthetic brackets' resistance to torsional forces from the archwire. American Journal of Orthodontics and Dentofacial Orthopedics, 2009, 135, 42-48.	0.8	15
68	Fatigue behavior of 3%Y2O3-doped ZrO2 ceramics. Journal of Materials Research and Technology, 2014, 3, 48-54.	2.6	15
69	Efficiency of different protocols for enamel clean-up after bracket debonding: an in vitro study. Dental Press Journal of Orthodontics, 2015, 20, 78-85.	0.2	15
70	Oral degradation of Y-TZP ceramics. Ceramics International, 2019, 45, 9955-9961.	2.3	15
71	Comparison of the wettability and corrosion resistance of two biomedical Ti alloys free of toxic elements with those of the commercial ASTM F136 (Ti-6Al-4V) alloy. Journal of Materials Research and Technology, 2020, 9, 16329-16338.	2.6	15
72	CaracterizaçãŁo de mini-implantes utilizados na ancoragem ortodÃntica. Revista Dental Press De Ortodontia E Ortopedia Facial, 2008, 13, 49-56.	0.2	14

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73	Fracture strength of orthodontic mini-implants. Dental Press Journal of Orthodontics, 2017, 22, 47-54.	0.2	14
74	Modeling of the Influence of Chemical Composition, Sintering Temperature, Density, and Thickness in the Light Transmittance of Four Zirconia Dental Prostheses. Materials, 2019, 12, 2529.	1.3	14
75	Torsional properties of pathfinding instruments. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, 667-670.	1.6	13
76	Evaluation of the friction force generated by monocristalyne and policristalyne ceramic brackets in sliding mechanics. Dental Press Journal of Orthodontics, 2013, 18, 121-127.	0.2	13
77	Assessment of exogenous pigmentation in colourless elastic ligatures. Journal of Orthodontics, 2014, 41, 147-151.	0.4	13
78	Galvanic Corrosion of Ti Dental Implants Coupled to CoCrMo Prosthetic Component. International Journal of Biomaterials, 2021, 2021, 1-11.	1.1	13
79	InÂvitro degradation of poly-l-d-lactic acid (PLDLA) pellets and powder used as synthetic alloplasts for bone grafting. Journal of Materials Science: Materials in Medicine, 2008, 19, 3227-3234.	1.7	12
80	Martensitic transformation of austenitic stainless steel orthodontic wires during intraoral exposure. American Journal of Orthodontics and Dentofacial Orthopedics, 2010, 138, 714.e1-714.e5.	0.8	12
81	Preparation of Bioactive Titanium Surfaces via Fluoride and Fibronectin Retention. International Journal of Biomaterials, 2012, 2012, 1-7.	1.1	12
82	Superficial morphology and mechanical properties of in vivo aged orthodontic ligatures. Dental Press Journal of Orthodontics, 2013, 18, 107-112.	0.2	12
83	Mechanical Properties of Anatomic Finishing Files: XP-Endo Finisher and XP-Clean. Brazilian Dental Journal, 2018, 29, 208-213.	0.5	12
84	Influence of cortical thickness on the stability of mini-implants with microthreads. Brazilian Oral Research, 2015, 29, 1-7.	0.6	11
85	Properties of a bovine collagen type I membrane for guided bone regeneration applications. E-Polymers, 2021, 21, 210-221.	1.3	11
86	Surface Characteristics and Microbiological Analysis of a Vat-Photopolymerization Additive-Manufacturing Dental Resin. Materials, 2022, 15, 425.	1.3	11
87	Flexural Strength of Vitreous Ceramics Based on Lithium Disilicate and Lithium Silicate Reinforced with Zirconia for CAD/CAM. International Journal of Biomaterials, 2022, 2022, 1-9.	1.1	11
88	Titanium Dental Implants With Different Morphologies. Surface Engineering, 2002, 18, 46-49.	1.1	10
89	AvaliaÃ§Ã£o do torque para inserÃ§Ã£o, remoÃ§Ã£o e fratura de diferentes mini-implantes ortodÃnticos. Revista Dental Press De Ortodontia E Ortopedia Facial, 2008, 13, 76-87.	0.2	10
90	Early Osseointegration Events on NeossÃ® Pro<sc>A</sc>ctive and Bimodal Implants: A Comparison of Different Surfaces in an Animal Model. Clinical Implant Dentistry and Related Research, 2015, 17, 1060-1072.	1.6	10

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91	Influence of acid treatment on surface properties and in vivo performance of Ti6Al4V alloy for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 164.	1.7	10
92	Ceramic Surface Polishing Techniques After Removal of Orthodontic Adhesive. <i>Angle Orthodontist</i> , 2009, 79, 790-795.	1.1	9
93	Influence of Screw Length and Bone Thickness on the Stability of Temporary Implants. <i>Materials</i> , 2015, 8, 6558-6569.	1.3	9
94	Mechanical characteristics of counterfeit Reciproc instruments: a call for attention. <i>International Endodontic Journal</i> , 2018, 51, 556-563.	2.3	9
95	Viability and collagen secretion by fibroblasts on titanium surfaces with different acid-etching protocols. <i>International Journal of Implant Dentistry</i> , 2019, 5, 41.	1.1	9
96	Effect of ausforming on microstructure and hardness of AISI H-13 tool steel modified with niobium. <i>Materials Science and Technology</i> , 1992, 8, 785-790.	0.8	8
97	Comparative study of compressive and fatigue strength of dental implants made of nanocrystalline Ti Hard and microcrystalline Ti G4. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2017, 40, 696-705.	1.7	8
98	Effect of sintering process on microstructure, 4-point flexural strength, and grain size of yttria-stabilized tetragonal zirconia polycrystal for use in monolithic dental restorations. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 824.e1-824.e8.	1.1	8
99	The effect of root canal preparation using single versus multiple endodontic rotary files on post-operative pain, a randomised clinical trial. <i>European Endodontic Journal</i> , 2017, 2, 23-23.	0.4	8
100	The effect of partial substitution of nb for v on austenite grain size and hardness of a tool steel. <i>Journal of Materials Engineering and Performance</i> , 1992, 1, 751-754.	1.2	7
101	Stability of smooth and rough mini-implants: clinical and biomechanical evaluation - an in vivostudy. <i>Dental Press Journal of Orthodontics</i> , 2015, 20, 35-42.	0.2	7
102	Evaluation of the Effect of Air Polishing With Different Abrasive Powders on the Roughness of Implant Abutment Surface: An In Vitro Study. <i>Journal of Oral Implantology</i> , 2019, 45, 202-206.	0.4	7
103	Adhesion of ceramic tile coating system on concrete block wall. <i>Construction and Building Materials</i> , 2020, 244, 118278.	3.2	7
104	Characterization of ceramic powders used in the inCeram systems to fixed dental Prosthesis. <i>Materials Research</i> , 2007, 10, 47-51.	0.6	6
105	Shear bond strengths of orthodontic brackets with a new LED cluster curing light. <i>Journal of Orthodontics</i> , 2010, 37, 37-42.	0.4	6
106	Sliding resistance of polycarbonate self-ligating brackets and stainless steel esthetic archwires. <i>Progress in Orthodontics</i> , 2012, 13, 148-153.	1.3	6
107	Surface morphology changes of acrylic resins during finishing and polishing phases. <i>Dental Press Journal of Orthodontics</i> , 2013, 18, 26-30.	0.2	6
108	Clinical Evaluation of Anodized Surface Implants Submitted to a Counter Torque of 25ÂNcm After 60ÂDays of Osseointegration: Study in Humans. <i>Journal of Maxillofacial and Oral Surgery</i> , 2015, 14, 1-6.	0.6	6

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109	Creep Fracture Mechanisms and Maps in Aisi Type 316 Austenitic Stainless Steels from Distinct Origins. <i>Materials Research</i> , 2017, 20, 892-898.	0.6	6
110	Influence of heat treatment on color and flexibility of nickel-titanium endodontic instruments. <i>Rgo</i> , 0, 68, .	0.2	6
111	Assessment of frictional resistance and surface roughness in orthodontic wires coated with two different nanoparticles. <i>Microscopy Research and Technique</i> , 2022, 85, 1884-1890.	1.2	6
112	Scanning Electron Microscopic Investigation of the Surface of Gutta-Percha Cones after Cutting. <i>Journal of Endodontics</i> , 2000, 26, 418-420.	1.4	5
113	Asymmetric headgear for differential molar movement: a study using finite element analysis. <i>Journal of Orthodontics</i> , 2009, 36, 145-151.	0.4	5
114	Morphological evaluation of the active tip of six types of orthodontic mini-implants. <i>Dental Press Journal of Orthodontics</i> , 2013, 18, 36-41.	0.2	5
115	Mechanical Performance of Nickel-titanium Archwires. <i>Materials Research</i> , 2015, 18, 1264-1277.	0.6	5
116	Surface analysis of 2 orthodontic mini-implants after clinical use. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 150, 89-97.	0.8	5
117	Effects of different primers on indirect orthodontic bonding: Shear bond strength, color change, and enamel roughness. <i>Korean Journal of Orthodontics</i> , 2018, 48, 245.	0.8	5
118	Influence of CAD-CAM milling on the flexural strength of Y-TZP dental ceramics. <i>Ceramics International</i> , 2019, 45, 10250-10259.	2.3	5
119	In vitro analysis of prosthetic abutment and angulable frictional implant interface adaptation: Mechanical and microbiological study. <i>Journal of Biomechanics</i> , 2021, 128, 110733.	0.9	5
120	Influence of heat treatment on the yield strength of orthodontic stainless steel wires. <i>Journal of Materials Science Letters</i> , 1993, 12, 1703-1704.	0.5	4
121	Insertion torque versus mechanical resistance of mini-implants inserted in different cortical thickness. <i>Dental Press Journal of Orthodontics</i> , 2014, 19, 90-94.	0.2	4
122	Apicoectomy and Scanning Electron Microscopy Analysis of an Implant Infected by Apical (Retrograde) Peri-implantitis: A Case Letter. <i>Journal of Oral Implantology</i> , 2018, 44, 287-291.	0.4	4
123	Bioactivity Assessment of Hydroxyapatite Coatings Produced by Alkali Conversion of Monetite. <i>Key Engineering Materials</i> , 2000, 192-195, 59-62.	0.4	3
124	The fracture evaluation of NiTi SMA endodontics files. <i>Materials Research</i> , 2007, 10, 395-398.	0.6	3
125	A estÃ©tica no sistema de braquetes autoligÃ¡veis. <i>Revista Dental Press De Ortodontia E Ortopedia Facial</i> , 2008, 13, 97-103.	0.2	3
126	AnÃ¡lise do movimento inicial de molares superiores submetidos a forÃ§as extrabucais: estudo 3D. <i>Dental Press Journal of Orthodontics</i> , 2010, 15, 37-39.	0.2	3



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127	Análise química e morfológica do esmalte dentário humano tratado com laser argônio durante a colagem ortodôntica. <i>Dental Press Journal of Orthodontics</i> , 2011, 16, 100-107.	0.2	3
128	Comparison of some physical properties of finger spreaders made of stainless steel or nickel-titanium alloys. <i>Clinical Oral Investigations</i> , 2011, 15, 661-665.	1.4	3
129	Dental Implants. <i>International Journal of Biomaterials</i> , 2013, 2013, 1-2.	1.1	3
130	Degradation and Mechanical Properties of Zirconia 3-Unit Fixed Dental Prostheses Machined on a CAD/CAM System. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 513-523.	1.1	3
131	Influence of oral pH Environment in the Corrosion Resistance of Cr-Co-Mo alloy Used for Dentistry Prosthetic Components. <i>Materials Research</i> , 2019, 22, .	0.6	3
132	Relação entre os parâmetros de rugosidade 3D e a molhabilidade do titânio com grãos micrométricos e sub-micrométricos. <i>Revista Materia</i> , 2020, 25, .	0.1	3
133	Physical Properties and Color Stainability by Coffee and Red Wine of Opaque and High Translucency Zirconia Dental Ceramics after Hydrothermal Degradation. <i>International Journal of Biomaterials</i> , 2022, 2022, 1-11.	1.1	3
134	Zirconia Blocks Properties Used for CAD/CAM Dentistry Restorations. <i>Materials Science Forum</i> , 2012, 727-728, 804-808.	0.3	2
135	Bleaching effects on shear bond strengths of orthodontic brackets. <i>Progress in Orthodontics</i> , 2012, 13, 23-29.	1.3	2
136	Anomalous Strain Rate Effect in Ultrafine Grained Titanium. <i>Journal of Materials Research and Technology</i> , 2012, 1, 200-202.	2.6	2
137	Development of 70/30 Poly-l-dl-Lactic Acid Filaments for 3D Printers (Part 1): Filament Manufacturing and Characterization of Printed Samples for Use as Bioabsorbable Products. <i>Jom</i> , 2017, 69, 71-77.	0.9	2
138	Mechanical Strength and Surface Roughness of Magnesium-Based Metallic Glasses. <i>Jom</i> , 2017, 69, 1175-1184.	0.9	2
139	Fatigue resistance of endodontic instruments manufactured in NiTi CM Wire and in conventional NiTi alloy with eletrochemical treatment. <i>Rgo</i> , 2018, 66, 111-116.	0.2	2
140	Development of a novel nano-biomaterial for biomedical applications. <i>Materials Research Express</i> , 2018, 5, 125014.	0.8	2
141	A novel hybrid nanoparticle based on Fe <sub>3</sub> O <sub>4</sub> /TMAOH/poly(L-co-D,L lactic acid-co-trimethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 101	0.2	2
142	Dental application. , 2019, , 237-253.		2
143	Performance of cementitious matrices incorporating concrete floor polishing sludge waste. <i>Construction and Building Materials</i> , 2020, 265, 120119.	3.2	2
144	Miniscrew-assisted rapid palatal expansion (MARPE): how to achieve greater stability. In vitro study. <i>Dental Press Journal of Orthodontics</i> , 2021, 26, e211967.	0.2	2

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145	Shear Bond Strength of Lithium Disilicate to Resin Cement After Treatment with Hydrofluoric Acid and a Self-etching Ceramic Primer. <i>Materials Research</i> , 2021, 24, .	0.6	2
146	Preparation of Biodegradable Poly(L-Lactide) (PLA) Nanoparticles Containing DMSA (Dimercaptosuccinic Acid) as Novel Radiopharmaceutical. <i>Advanced Science Letters</i> , 2012, 10, 143-145.	0.2	2
147	A NiTi rotary instrument manufactured by twisting: morphology and mechanical properties. <i>Dental Press Endodontics</i> , 2011, 1, 21-27.	0.0	2
148	Assessment of surface friction of self-ligating brackets under conditions of angulated traction. <i>Dental Press Journal of Orthodontics</i> , 2012, 17, 51-56.	0.2	2
149	Comparison of feldspathic veneer surface treatments on ceramic bracket SBS, ARI and surface roughness after different debonding/polishing methods: An in vitro study. <i>International Orthodontics</i> , 2021, 19, 679-684.	0.6	2
150	Physico-chemical and Biological Properties of a New Portland Cement-based Root Repair Material. <i>European Endodontic Journal</i> , 0, , .	0.4	2
151	Ultrastructural and Physicochemical Characterization of a Non-Crosslinked Type 1 Bovine Derived Collagen Membrane. <i>Polymers</i> , 2021, 13, 4135.	2.0	2
152	Comparison between different fracture toughness techniques in zirconia dental ceramics. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2023, 111, 103-116.	1.6	2
153	Effect of argon laser curing on the shear bond strength of metal brackets bonded with light-cured glass ionomer cement. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2005, 128, 740-743.	0.8	1
154	Properties of Nanostructured 3Y-TZP Blocks Used for CAD/CAM Dental Restoration. <i>Key Engineering Materials</i> , 2008, 396-398, 603-606.	0.4	1
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