

# Alexandre Luiz Souto Borges

## List of Publications by Year in descending order

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205  
papers

2,755  
citations

218381

26  
h-index

315357

38  
g-index

206  
all docs

206  
docs citations

206  
times ranked

1982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Household bleaches based on sodium hypochlorite: Review of acute toxicology and poison control center experience. <i>Food and Chemical Toxicology</i> , 1994, 32, 845-861.	1.8	96
2	CAD-FEA modeling and analysis of different full crown monolithic restorations. <i>Dental Materials</i> , 2018, 34, 1342-1350.	1.6	87
3	Endocrown restorations: Influence of dental remnant and restorative material on stress distribution. <i>Dental Materials</i> , 2018, 34, 1466-1473.	1.6	70
4	Influence of convergence angle of tooth preparation on the fracture resistance of Y-TZP-based all-ceramic restorations. <i>Dental Materials</i> , 2013, 29, 339-347.	1.6	56
5	Fatigue failure load of two resin-bonded zirconia-reinforced lithium silicate glass-ceramics: Effect of ceramic thickness. <i>Dental Materials</i> , 2018, 34, 891-900.	1.6	56
6	Influence of custom-made and stock mouthguard thickness on biomechanical response to a simulated impact. <i>Dental Traumatology</i> , 2018, 34, 429-437.	0.8	56
7	Influence of Remineralizing Gels on Bleached Enamel Microhardness In Different Time Intervals. <i>Operative Dentistry</i> , 2010, 35, 180-186.	0.6	53
8	Effect of random/aligned nylon-6/MWCNT fibers on dental resin composite reinforcement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 48, 134-144.	1.5	49
9	Effect of Cleansing Methods on Saliva-Contaminated Zirconia—An Evaluation of Resin Bond Durability. <i>Operative Dentistry</i> , 2015, 40, 163-171.	0.6	49
10	Influence of Potentially Remineralizing Agents on Bleached Enamel Microhardness. <i>Operative Dentistry</i> , 2009, 34, 593-597.	0.6	46
11	Influence of ceramic material, thickness of restoration and cement layer on stress distribution of occlusal veneers. <i>Brazilian Oral Research</i> , 2018, 32, e118.	0.6	46
12	Effect of different materials and undercut on the removal force and stress distribution in circumferential clasps during direct retainer action in removable partial dentures. <i>Dental Materials</i> , 2020, 36, 179-186.	1.6	43
13	The Influence of Elastic Modulus of Inlay Materials on Stress Distribution and Fracture of Premolars. <i>Operative Dentistry</i> , 2014, 39, E160-E170.	0.6	42
14	Influence of Alveolar Bone Loss and Cement Layer Thickness on the Biomechanical Behavior of Endodontically Treated Maxillary Incisors: A 3-dimensional Finite Element Analysis. <i>Journal of Endodontics</i> , 2017, 43, 791-795.	1.4	39
15	The Influence of Custom-Milled Framework Design for an Implant-Supported Full-Arch Fixed Dental Prosthesis: 3D-FEA Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4040.	1.2	39
16	Polymerization shrinkage stresses in different restorative techniques for non-carious cervical lesions. <i>Journal of Dentistry</i> , 2018, 76, 68-74.	1.7	38
17	The impact of hydrofluoric acid etching followed by unfilled resin on the biaxial strength of a glass-ceramic. <i>Dental Materials</i> , 2013, 29, e281-e290.	1.6	36
18	In vivo analgesic activity, toxicity and phytochemical screening of the hydroalcoholic extract from the leaves of <i>Psidium cattleianum</i> Sabine. <i>Journal of Ethnopharmacology</i> , 2013, 150, 280-284.	2.0	35

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19	Dynamic light scattering investigations of nanoparticle aggregation following a light-induced pH jump. <i>Journal of Chemical Physics</i> , 2010, 132, 194903.	1.2	34
20	Influence of Polymeric Restorative Materials on the Stress Distribution in Posterior Fixed Partial Dentures: 3D Finite Element Analysis. <i>Polymers</i> , 2021, 13, 758.	2.0	33
21	Impact of Quantity of Resin, C-factor, and Geometry on Resin Composite Polymerization Shrinkage Stress in Class V Restorations. <i>Operative Dentistry</i> , 2014, 39, 144-151.	0.6	32
22	Effect of hydrofluoric acid concentration and etching time on resin-bond strength to different glass ceramics. <i>Brazilian Oral Research</i> , 2019, 33, e041.	0.6	32
23	Minimal tooth preparation for posterior monolithic ceramic crowns: Effect on the mechanical behavior, reliability and translucency. <i>Dental Materials</i> , 2021, 37, e140-e150.	1.6	32
24	Comparative three-dimensional finite element analysis of implant-supported fixed complete arch mandibular prostheses in two materials. <i>Journal of Indian Prosthodontic Society</i> , The, 2017, 17, 255.	0.3	31
25	Mouthguard use and TMJ injury prevention with different occlusions: A three-dimensional finite element analysis. <i>Dental Traumatology</i> , 2020, 36, 662-669.	0.8	31
26	Effect of Shrinking and No Shrinking Dentine and Enamel Replacing Materials in Posterior Restoration: A 3D-FEA Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2215.	1.3	31
27	Influence of different restorative materials on the stress distribution in dental implants. <i>Journal of Clinical and Experimental Dentistry</i> , 2018, 10, 0-0.	0.5	29
28	Ultrasonic versus high-speed cavity preparation: Analysis of increases in pulpal temperature and time to complete preparation. <i>Journal of Prosthetic Dentistry</i> , 2008, 100, 107-109.	1.1	28
29	The role of cortical zone level and prosthetic platform angle in dental implant mechanical response: A 3D finite element analysis. <i>Dental Materials</i> , 2021, 37, 1688-1697.	1.6	27
30	Full-Crown Versus Endocrown Approach: A 3D Analysis of Both Restorations and the Effect of Ferrule and Restoration Material. <i>Journal of Prosthodontics</i> , 2021, 30, 335-344.	1.7	26
31	Assessment of Conventionally and Digitally Fabricated Complete Dentures: A Comprehensive Review. <i>Materials</i> , 2022, 15, 3868.	1.3	26
32	Fatigue behavior of ultrafine tabletop ceramic restorations. <i>Dental Materials</i> , 2018, 34, 1401-1409.	1.6	25
33	Influence of implantoplasty on stress distribution of exposed implants at different bone insertion levels. <i>Brazilian Oral Research</i> , 2017, 31, e96.	0.6	24
34	Effect of Incorporation of Remineralizing Agents into Bleaching Gels on the Microhardness of Bovine Enamel in situ. <i>Journal of Contemporary Dental Practice</i> , 2014, 15, 195-201.	0.2	24
35	Fatigue surviving, fracture resistance, shear stress and finite element analysis of glass fiber posts with different diameters. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 43, 69-77.	1.5	23
36	Influence of Bulk-fill Restoration on Polymerization Shrinkage Stress and Marginal Gap Formation in Class V Restorations. <i>Operative Dentistry</i> , 2020, 45, E207-E216.	0.6	23

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37	Mechanical Response of PEKK and PEEK As Frameworks for Implant-Supported Full-Arch Fixed Dental Prosthesis: 3D Finite Element Analysis. <i>European Journal of Dentistry</i> , 2022, 16, 115-121.	0.8	23
38	Influence of Framework Material and Posterior Implant Angulation in Full-Arch All-on-4 Implant-Supported Prosthesis Stress Concentration. <i>Dentistry Journal</i> , 2022, 10, 12.	0.9	23
39	The strength of sintered and adhesively bonded zirconia/veneer-ceramic bilayers. <i>Journal of Dentistry</i> , 2014, 42, 1269-1276.	1.7	22
40	Chitosan-Based Coacervate Polymers for Propolis Encapsulation: Release and Cytotoxicity Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4561.	1.8	22
41	Effect of Base and Inlay Restorative Material on the Stress Distribution and Fracture Resistance of Weakened Premolars. <i>Operative Dentistry</i> , 2015, 40, E158-E166.	0.6	21
42	The Effect of Resection Angle on Stress Distribution after Root-End Surgery. <i>Iranian Endodontic Journal</i> , 2018, 13, 188-194.	0.8	21
43	Bioinspired silica-infiltrated zirconia bilayers: Strength and interfacial bonding. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 89, 143-149.	1.5	20
44	Survival Probability, Weibull Characteristics, Stress Distribution, and Fractographic Analysis of Polymer-Infiltrated Ceramic Network Restorations Cemented on a Chairside Titanium Base: An In Vitro and In Silico Study. <i>Materials</i> , 2020, 13, 1879.	1.3	20
45	Finite Element Analysis of the Influence of Geometry and Design of Zirconia Crowns on Stress Distribution. <i>Journal of Prosthodontics</i> , 2015, 24, 146-151.	1.7	19
46	Mechanical-physicochemical properties and biocompatibility of catechin-incorporated adhesive resins. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180111.	0.7	19
47	Computer-aided design finite element modeling of different approaches to rehabilitate endodontically treated teeth. <i>Journal of Indian Prosthodontic Society</i> , The, 2018, 18, 329.	0.3	19
48	Short communication: Influence of restorative material and cement on the stress distribution of posterior resin-bonded fixed dental prostheses: 3D finite element analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 96, 279-284.	1.5	18
49	Load-bearing capacity under fatigue and FEA analysis of simplified ceramic restorations supported by Peek or zirconia polycrystals as foundation substrate for implant purposes. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 123, 104760.	1.5	18
50	3D Finite Element Analysis of Rotary Instruments in Root Canal Dentine with Different Elastic Moduli. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2547.	1.3	17
51	Reinforced Glass-ceramics: Parametric Inspection of Three-Dimensional Wear and Volumetric Loss after Chewing Simulation. <i>Brazilian Dental Journal</i> , 2019, 30, 505-510.	0.5	17
52	Mechanical behavior of conceptual posterior dental crowns with functional elasticity gradient. <i>American Journal of Dentistry</i> , 2019, 32, 165-168.	0.1	17
53	Hydrogen bonding donation of N-methylformamide with dimethylsulfoxide and water. <i>Chemical Physics Letters</i> , 2013, 565, 40-44.	1.2	16
54	In vivo and in silico anti-inflammatory mechanism of action of the semisynthetic (âˆ™)-cubebin derivatives (âˆ™)-hinokinin and (âˆ™)-O-benzylcubebin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 176-179.	1.0	16

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55	The importance of correct implants positioning and masticatory load direction on a fixed prosthesis. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 10, 0-0.	0.5	16
56	Influence of Restoration Height and Masticatory Load Orientation on Ceramic Endocrowns. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 1052-1057.	0.2	16
57	Effect of the restorative technique on load-bearing capacity, cusp deflection, and stress distribution of endodontically-treated premolars with MOD restoration. <i>Restorative Dentistry &amp; Endodontics</i> , 2019, 44, e33.	0.6	16
58	&lt;p&gt;Lithium Disilicate Crown, Zirconia Hybrid Abutment and Platform Switching to Improve the Esthetics in Anterior Region: A Case Report&lt;/p&gt;. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2020, Volume 12, 31-40.	0.7	16
59	Stress distribution on different bar materials in implant-retained palatal obturator. <i>PLoS ONE</i> , 2020, 15, e0241589.	1.1	16
60	Does the prosthesis weight matter? 3D finite element analysis of a fixed implant-supported prosthesis at different weights and implant numbers. <i>Journal of Advanced Prosthodontics</i> , 2020, 12, 67.	1.1	16
61	Influence of crown and hybrid abutment ceramic materials on the stress distribution of implant-supported prosthesis. <i>Universidade Estadual Paulista Revista De Odontologia</i> , 2018, 47, 149-154.	0.3	15
62	Simulation of mouthguard use in preventing dental injuries caused by different impacts in sports activities. <i>Sport Sciences for Health</i> , 2019, 15, 85-90.	0.4	15
63	Warmblood Fragile Foal Syndrome causative single nucleotide polymorphism frequency in Warmblood horses in Brazil. <i>Veterinary Journal</i> , 2019, 248, 101-102.	0.6	15
64	Capacity to Maintain Placement Torque at Removal, Single Load-to-Failure, and Stress Concentration of Straight and Angled Abutments. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2019, 39, 213-218.	0.4	15
65	Mechanical Behavior of Different Restorative Materials and Onlay Preparation Designs in Endodontically Treated Molars. <i>Materials</i> , 2021, 14, 1923.	1.3	15
66	Influence of the foundation substrate on the fatigue behavior of bonded glass, zirconia polycrystals, and polymer infiltrated ceramic simplified CAD-CAM restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 117, 104391.	1.5	15
67	Fracture resistance and stress distribution of weakened teeth reinforced with a bundled glass fiberâ€“reinforced resin post. <i>Clinical Oral Investigations</i> , 2022, 26, 1725-1735.	1.4	15
68	Short communication: Influence of retainer configuration and loading direction on the stress distribution of lithium disilicate resin-bonded fixed dental prostheses: 3D finite element analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 100, 103389.	1.5	14
69	Lithium Disilicate Ceramic Endocrown Biomechanical Response According to Different Pulp Chamber Extension Angles and Filling Materials. <i>Materials</i> , 2021, 14, 1307.	1.3	14
70	Computer Aided Design Modelling and Finite Element Analysis of Premolar Proximal Cavities Restored with Resin Composites. <i>Materials</i> , 2021, 14, 2366.	1.3	14
71	Clinical Evaluation of Noncarious Cervical Lesions of Different Extensions Restored With Bulk-fill or Conventional Resin Composite: Preliminary Results of a Randomized Clinical Trial. <i>Operative Dentistry</i> , 2020, 45, E11-E20.	0.6	13
72	Mouthguard Use Effect on the Biomechanical Response of an Ankylosed Maxillary Central Incisor during a Traumatic Impact: A 3-Dimensional Finite Element Analysis. <i>Life</i> , 2020, 10, 294.	1.1	13

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73	Scaffolds of PCL combined to bioglass: synthesis, characterization and biological performance. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 41.	1.7	13
74	Dermatological and morphological findings in quarter horses with hereditary equine regional dermal asthenia. <i>Veterinary Dermatology</i> , 2014, 25, 547.	0.4	12
75	Validation of a Simplified Implant-Retained Cantilever Fixed Prosthesis. <i>Implant Dentistry</i> , 2018, 27, 49-55.	1.7	12
76	Influence of resin cement rigidity on the stress distribution of resin-bonded fixed partial dentures. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 953-960.	0.9	12
77	The performance of sol-gel silica coated Y-TZP for veneered and monolithic dental restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 515-522.	1.5	12
78	Influence of angulation and vertical misfit in the evaluation of micro-deformations around implants. <i>Brazilian Dental Science</i> , 2017, 20, 32.	0.1	12
79	Stress Distribution Pattern in Zygomatic Implants Supporting Different Superstructure Materials. <i>Materials</i> , 2022, 15, 4953.	1.3	12
80	Laminated ceramics with elastic interfaces: A mechanical advantage?. <i>Journal of Dentistry</i> , 2015, 43, 335-341.	1.7	11
81	Fatigue failure load and finite element analysis of multilayer ceramic restorations. <i>Dental Materials</i> , 2019, 35, 64-73.	1.6	11
82	Fracture resistance, failure mode and stress concentration in a modified endocrown design. <i>Biomaterial Investigations in Dentistry</i> , 2020, 7, 110-119.	3.0	11
83	Survival probability of zirconia-reinforced lithium silicate ceramic: Effect of surface condition and fatigue test load profile. <i>Dental Materials</i> , 2020, 36, 808-815.	1.6	11
84	Influence of the dental implant number and load direction on stress distribution in a 3-unit implant-supported fixed dental prosthesis. <i>Dental and Medical Problems</i> , 2021, 58, 69-74.	0.7	11
85	Fatigue behavior and stress distribution of molars restored with MOD inlays with and without deep margin elevation. <i>Clinical Oral Investigations</i> , 2022, 26, 2513-2526.	1.4	11
86	CO <sub>2</sub> Laser Surgery and Prosthetic Management for the Treatment of Epulis Fissuratum. <i>ISRN Dentistry</i> , 2011, 2011, 1-5.	1.5	10
87	Fracture load of complete-arch implant-supported prostheses reinforced with nylon-silica mesh: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2018, 119, 606-610.	1.1	10
88	Effect of different loading pistons on stress distribution of a CAD/CAM silica-based ceramic: CAD-FEA modeling and fatigue survival analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 94, 207-212.	1.5	10
89	Biomechanical Analysis of a Custom-Made Mouthguard Reinforced With Different Elastic Modulus Laminates During a Simulated Maxillofacial Trauma. <i>Craniomaxillofacial Trauma &amp; Reconstruction</i> , 2021, 14, 254-260.	0.6	10
90	Does overlay preparation design affect polymerization shrinkage stress distribution? A 3D FEA study. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1026-1034.	0.9	10

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91	Toothbrushing Wear Resistance of Stained CAD/CAM Ceramics. <i>Coatings</i> , 2021, 11, 224.	1.2	10
92	Effect of Cement Layer Thickness on the Immediate and Long-Term Bond Strength and Residual Stress between Lithium Disilicate Glass-Ceramic and Human Dentin. <i>Materials</i> , 2021, 14, 5153.	1.3	10
93	Stress and strain distributions on short implants with two different prosthetic connections – an in vitro and in silico analysis. <i>Brazilian Dental Science</i> , 2017, 20, 101-109.	0.1	10
94	Do Mechanical Advantages Exist in Relining Fiber Posts with Composite Prior to its Cementation?. <i>Journal of Adhesive Dentistry</i> , 2018, 20, 511-518.	0.3	10
95	Influence of Occlusal Contact Area on Cusp Deflection and Stress Distribution. <i>Journal of Contemporary Dental Practice</i> , 2014, 15, 699-704.	0.2	10
96	Polymerization Shrinkage, Hygroscopic Expansion, Elastic Modulus and Degree of Conversion of Different Composites for Dental Application. <i>Journal of Composites Science</i> , 2021, 5, 322.	1.4	10
97	Mechanical behavior of Class I cavities restored by different material combinations under loading and polymerization shrinkage stress. A 3D-FEA study. <i>American Journal of Dentistry</i> , 2019, 32, 55-60.	0.1	10
98	Influence of different post-endodontic restorations on the fatigue survival and biomechanical behavior of central incisors. <i>American Journal of Dentistry</i> , 2020, 33, 227-234.	0.1	10
99	Failure Probability, Stress Distribution and Fracture Analysis of Experimental Screw for Micro Conical Abutment. <i>Brazilian Dental Journal</i> , 2019, 30, 157-163.	0.5	9
100	Influence of Implant-Abutment Contact Surfaces and Prosthetic Screw Tightening on the Stress Concentration, Fatigue Life and Microgap Formation: A Finite Element Analysis. <i>Oral</i> , 2021, 1, 88-101.	0.6	9
101	Survival Rate and Deformation of External Hexagon Implants with One-Piece Zirconia Crowns. <i>Metals</i> , 2021, 11, 1068.	1.0	9
102	Effect of occlusal anatomy of CAD/CAM feldspathic posterior crowns in the stress concentration and fracture load. <i>Clinical and Experimental Dental Research</i> , 2021, 7, 1190-1196.	0.8	9
103	On the hydrogen bonding between N-methylformamide and acetone and tetrahydrofuran. <i>Chemical Physics</i> , 2014, 434, 25-29.	0.9	8
104	The Role of New Removable Complete Dentures in Stimulated Salivary Flow and Taste Perception. <i>Journal of Prosthodontics</i> , 2018, 27, 335-339.	1.7	8
105	Mechanical Behavior of Different Micro Conical Abutments in Fixed Prosthesis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018, 33, 1199-1205.	0.6	8
106	<i>In vitro</i> evaluation of multi-walled carbon nanotube reinforced nanofibers composites for dental application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, 69, 1015-1022.	1.8	8
107	Biaxial flexural strength and Weibull characteristics of adhesively luted hybrid and reinforced CAD/CAM materials to dentin: effect of self-etching ceramic primer versus hydrofluoric acid etching. <i>Journal of Adhesion Science and Technology</i> , 2020, 34, 1253-1268.	1.4	8
108	Feldspathic and Lithium Disilicate Onlays with a 2-Year Follow-Up: Split-Mouth Randomized Clinical Trial. <i>Brazilian Dental Journal</i> , 2021, 32, 53-63.	0.5	8

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109	Stress Concentration of Endodontically Treated Molars Restored with Transfixed Glass Fiber Post: 3D-Finite Element Analysis. <i>Materials</i> , 2021, 14, 4249.	1.3	8
110	Biomechanical evaluation of 3-unit fixed partial dentures on monotype and two-piece zirconia dental implants. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2022, 25, 239-246.	0.9	8
111	Evaluation of Zirconia and High Performance Polymer Abutment Surface Roughness and Stress Concentration for Implant-Supported Fixed Dental Prostheses. <i>Coatings</i> , 2022, 12, 238.	1.2	8
112	Fatigue Failure Load of Resin-bonded Simplified Lithium Disilicate Glass-Ceramic Restorations: Effect of Ceramic Conditioning Methods. <i>Journal of Adhesive Dentistry</i> , 2019, 21, 373-381.	0.3	8
113	Allele frequency of hereditary equine regional dermal asthenia in American Quarter horses in Brazil determined by quantitative real-time PCR with high resolution melting analysis. <i>Veterinary Journal</i> , 2014, 199, 306-307.	0.6	7
114	Does silica-nylon mesh improves the biomechanical response of custom-made mouthguards?. <i>Sport Sciences for Health</i> , 2020, 16, 75-84.	0.4	7
115	Effect of Framework Type on the Biomechanical Behavior of Provisional Crowns: Strain Gauge and Finite Element Analyses. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2020, 40, e9-e18.	0.4	7
116	Torque Maintenance Capacity, Vertical Misfit, Load to Failure, and Stress Concentration of Zirconia Restorations Cemented or Notched to Titanium Bases. <i>International Journal of Oral and Maxillofacial Implants</i> , 2020, 35, 357-365.	0.6	7
117	Effect of Restorative Material on Mechanical Response of Provisional Endocrowns: A 3D-FEA Study. <i>Materials</i> , 2021, 14, 649.	1.3	7
118	Evaluation of a New Intraoral Paralleling Device for Creating Guiding Planes: A Pilot Study. <i>Journal of Contemporary Dental Practice</i> , 2010, 11, 65-72.	0.2	7
119	Effect of Biologically Oriented Preparation Technique on the Stress Concentration of Endodontically Treated Upper Central Incisor Restored with Zirconia Crown: 3D-FEA. <i>Molecules</i> , 2021, 26, 6113.	1.7	7
120	Color stability of composites: effect of immersion media. <i>Acta Odontológica Latinoamericana: AOL</i> , 2011, 24, 193-9.	0.1	7
121	Biomechanical Behavior Evaluation of a Novel Hybrid Occlusal Splint-Mouthguard for Contact Sports: 3D-FEA. <i>Dentistry Journal</i> , 2022, 10, 3.	0.9	7
122	Microshear bond strength of self-etching bonding systems to ultrasound diamond bur-prepared dentin. <i>Journal of Adhesive Dentistry</i> , 2011, 13, 433-8.	0.3	7
123	Root Canal Filling: Fracture Strength of Fiber-Reinforced Composite-Restored Roots and Finite Element Analysis. <i>Brazilian Dental Journal</i> , 2013, 24, 619-625.	0.5	6
124	FEA and microstructure characterization of a one-piece Y-TZP abutment. <i>Dental Materials</i> , 2014, 30, e283-e288.	1.6	6
125	Marginal integrity of restorations produced with a model composite based on polyhedral oligomeric silsesquioxane (POSS). <i>Journal of Applied Oral Science</i> , 2015, 23, 450-458.	0.7	6
126	Influence of thickness and incisal extension of indirect veneers on the biomechanical behavior of maxillary canine teeth. <i>Restorative Dentistry &amp; Endodontics</i> , 2018, 43, e48.	0.6	6



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127	Allele Frequency of the C.5G&gt;A Mutation in the PRCD Gene Responsible for Progressive Retinal Atrophy in English Cocker Spaniel Dogs. <i>Animals</i> , 2019, 9, 844.	1.0	6
128	A large intragenic deletion in the CLCN1 gene causes Hereditary Myotonia in pigs. <i>Scientific Reports</i> , 2019, 9, 15632.	1.6	6
129	Influence of cavosurface angle on the stress concentration and gaps formation in class V resin composite restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 97, 272-277.	1.5	6
130	Influence of Socket-shield technique on the biomechanical response of dental implant: three-dimensional finite element analysis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 224-231.	0.9	6
131	The role of polymeric nanofibers on the mechanical behavior of polymethyl methacrylate resin. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104072.	1.5	6
132	The Use of Bulk Fill Resin-Based Composite in the Sealing of Cavity with Margins in Radicular Cementum. <i>European Journal of Dentistry</i> , 2022, 16, 1-13.	0.8	6
133	Digital Image Correlation and Finite Element Analysis of Bone Strain Generated by Implant-Retained Cantilever Fixed Prosthesis. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2020, 28, 10-17.	0.3	6
134	Influence of Restoration Height and Masticatory Load Orientation on Ceramic Endocrowns. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 1052-1057.	0.2	6
135	Dental Materials Coatings: Effect on the Clinical Behavior. <i>Coatings</i> , 2020, 10, 1229.	1.2	5
136	Fatigue survival of endodontically treated teeth restored with different fiber-reinforced composite resin post strategies versus universal 2-piece fiber post system: An inÂvitro study. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 456-463.	1.1	5
137	Influence of the occlusal contacts in formation of Abfraction Lesions in the upper premolar. <i>Brazilian Dental Science</i> , 2017, 20, 115-123.	0.1	5
138	Influence of Ceramic Materials on Biomechanical Behavior of Implant Supported Fixed Prosthesis with Hybrid Abutment. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2019, 27, 76-82.	0.3	5
139	Implant-Supported Restoration with Straight and Angled Hybrid Abutments: Digital Image Correlation and 3D-Finite Element Analysis. <i>European Journal of General Dentistry</i> , 2022, 11, 023-031.	0.1	5
140	Mechanical performance of monolithic materials cemented to a dentin-like substrate. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 753.e1-753.e7.	1.1	4
141	The role of nanohydroxyapatite on the morphological, physical, and biological properties of chitosan nanofibers. <i>Clinical Oral Investigations</i> , 2021, 25, 3095-3103.	1.4	4
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