

Vicente Castelo Branco Leitune

List of Publications by Year in descending order

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129
papers

1,891
citations

257101

24
h-index

377514

34
g-index

131
all docs

131
docs citations

131
times ranked

1738
citing authors

#	ARTICLE	IF	CITATIONS
1	The addition of nanostructured hydroxyapatite to an experimental adhesive resin. <i>Journal of Dentistry</i> , 2013, 41, 321-327.	1.7	93
2	Effect of silver nanoparticles on the physicochemical and antimicrobial properties of an orthodontic adhesive. <i>Journal of Applied Oral Science</i> , 2016, 24, 404-410.	0.7	66
3	Niobium pentoxide as a novel filler for dental adhesive resin. <i>Journal of Dentistry</i> , 2013, 41, 106-113.	1.7	65
4	Influence of zinc oxide quantum dots in the antibacterial activity and cytotoxicity of an experimental adhesive resin. <i>Journal of Dentistry</i> , 2018, 73, 57-60.	1.7	54
5	The influence of methodological variables on the push-out resistance to dislodgement of root filling materials: a meta-analysis. <i>International Endodontic Journal</i> , 2016, 49, 836-849.	2.3	49
6	Nanostructured hydroxyapatite as filler for methacrylate-based root canal sealers. <i>International Endodontic Journal</i> , 2012, 45, 63-67.	2.3	45
7	Influence of Eugenol-based Sealers on Push-out Bond Strength of Fiber Post Luted with Resin Cement: Systematic Review and Meta-analysis. <i>Journal of Endodontics</i> , 2015, 41, 1418-1423.	1.4	39
8	Ionic liquid as antibacterial agent for an experimental orthodontic adhesive. <i>Dental Materials</i> , 2019, 35, 1155-1165.	1.6	39
9	Quantum Dots as Nonagglomerated Nanofillers for Adhesive Resins. <i>Journal of Dental Research</i> , 2016, 95, 1401-1407.	2.5	38
10	Oral research in the world today. <i>Brazilian Oral Research</i> , 2013, 27, 453-454.	0.6	36
11	Boron nitride nanotubes as novel fillers for improving the properties of dental adhesives. <i>Journal of Dentistry</i> , 2017, 62, 85-90.	1.7	36
12	Polymerisation, antibacterial and bioactivity properties of experimental orthodontic adhesives containing triclosan-loaded halloysite nanotubes. <i>Journal of Dentistry</i> , 2018, 69, 77-82.	1.7	35
13	Triclosan-loaded chitosan as antibacterial agent for adhesive resin. <i>Journal of Dentistry</i> , 2019, 83, 33-39.	1.7	35
14	Influence of chlorhexidine application at longitudinal push-out bond strength of fiber posts. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, e77-e81.	1.6	34
15	<i>In vitro</i> evaluation of visible light-activated titanium dioxide photocatalysis for in-office dental bleaching. <i>Dental Materials Journal</i> , 2019, 38, 68-74.	0.8	34
16	Influence of hydroxyethyl acrylamide addition to dental adhesive resin. <i>Dental Materials</i> , 2015, 31, 1579-1586.	1.6	33
17	Influence of Endodontic Irrigants on Resin Sealer Bond Strength to Radicular Dentin. <i>Bulletin of Tokyo Dental College</i> , The, 2012, 53, 1-7.	0.1	32
18	Niobium pentoxide as a new filler for methacrylate-based root canal sealers. <i>International Endodontic Journal</i> , 2013, 46, 205-210.	2.3	30

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19	The effect of antimicrobial agents on bond strength of orthodontic adhesives: a meta-analysis of <i>in vitro</i> studies. <i>Orthodontics and Craniofacial Research</i> , 2016, 19, 1-9.	1.2	30
20	Niobium pentoxide phosphate invert glass as a mineralizing agent in an experimental orthodontic adhesive. <i>Angle Orthodontist</i> , 2017, 87, 759-765.	1.1	29
21	Chlorhexidine application in adhesive procedures: a meta-regression analysis. <i>Journal of Adhesive Dentistry</i> , 2013, 15, 11-8.	0.3	28
22	Influence of chlorhexidine application on longitudinal adhesive bond strength in deciduous teeth. <i>Brazilian Oral Research</i> , 2011, 25, 388-392.	0.6	27
23	Physicochemical and bioactive properties of innovative resin-based materials containing functional halloysite-nanotubes fillers. <i>Dental Materials</i> , 2016, 32, 1133-1143.	1.6	27
24	Influence of radiopaque fillers on physicochemical properties of a model epoxy resin-based root canal sealer. <i>Journal of Applied Oral Science</i> , 2013, 21, 533-539.	0.7	25
25	Antimicrobial effect and physicochemical properties of an adhesive system containing nanocapsules. <i>Dental Materials</i> , 2017, 33, 735-742.	1.6	25
26	In vitro antibacterial and remineralizing effect of adhesive containing triazine and niobium pentoxide phosphate inverted glass. <i>Clinical Oral Investigations</i> , 2017, 21, 93-103.	1.4	24
27	CAD/CAM or conventional ceramic materials restorations longevity: a systematic review and meta-analysis. <i>Journal of Prosthodontic Research</i> , 2019, 63, 389-395.	1.1	24
28	Niobium containing bioactive glasses as remineralizing filler for adhesive resins. <i>Dental Materials</i> , 2020, 36, 221-228.	1.6	24
29	Influence of niobium pentoxide addition on the properties of glass ionomer cements. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2016, 2, 138-143.	4.0	23
30	Quaternary ammonium compound as antimicrobial agent in resin-based sealants. <i>Clinical Oral Investigations</i> , 2020, 24, 777-784.	1.4	23
31	The influence of a learning object with virtual simulation for dentistry: A randomized controlled trial. <i>International Journal of Medical Informatics</i> , 2016, 85, 68-75.	1.6	22
32	Antibacterial and Remineralizing Fillers in Experimental Orthodontic Adhesives. <i>Materials</i> , 2019, 12, 652.	1.3	22
33	Influence of Different Calcium Phosphates on an Experimental Adhesive Resin. <i>Journal of Adhesive Dentistry</i> , 2017, 19, 379-384.	0.3	21
34	Long-term stability of dental adhesive incorporated by boron nitride nanotubes. <i>Dental Materials</i> , 2018, 34, 427-433.	1.6	20
35	Halloysite nanotubes loaded with alkyl trimethyl ammonium bromide as antibacterial agent for root canal sealers. <i>Dental Materials</i> , 2019, 35, 789-796.	1.6	20
36	Effect of nanostructured zirconium dioxide incorporation in an experimental adhesive resin. <i>Clinical Oral Investigations</i> , 2018, 22, 2209-2218.	1.4	19

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37	Tantalum oxide as filler for dental adhesive resin. <i>Dental Materials Journal</i> , 2018, 37, 897-903.	0.8	19
38	Bone healing with niobium-containing bioactive glass composition in rat femur model: A micro-CT study. <i>Dental Materials</i> , 2019, 35, 1490-1497.	1.6	19
39	Evaluation of an antibacterial orthodontic adhesive incorporated with niobium-based bioglass: an in situ study. <i>Brazilian Oral Research</i> , 2019, 33, e010.	0.6	19
40	Synthesis of sol-gel derived calcium silicate particles and development of a bioactive endodontic cement. <i>Dental Materials</i> , 2020, 36, 135-144.	1.6	19
41	Glycerol salicylate-based containing β -tricalcium phosphate as a bioactive root canal sealer. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1663-1669.	1.6	18
42	Orthodontic bracket bonding without previous adhesive priming: A meta-regression analysis. <i>Angle Orthodontist</i> , 2016, 86, 391-398.	1.1	18
43	Acrylamides and methacrylamides as alternative monomers for dental adhesives. <i>Dental Materials</i> , 2018, 34, 1634-1644.	1.6	18
44	Effect of over-the-counter fluoridated products regimens on root caries inhibition. <i>Archives of Oral Biology</i> , 2015, 60, 1588-1594.	0.8	17
45	Triazine Compound as Copolymerized Antibacterial Agent in Adhesive Resins. <i>Brazilian Dental Journal</i> , 2017, 28, 196-200.	0.5	17
46	Antimicrobial and anti-inflammatory drug-delivery systems at endodontic reparative material: Synthesis and characterization. <i>Dental Materials</i> , 2019, 35, 457-467.	1.6	17
47	Titanium dioxide nanotubes with triazine-methacrylate monomer to improve physicochemical and biological properties of adhesives. <i>Dental Materials</i> , 2021, 37, 223-235.	1.6	17
48	Niobium addition to sol-gel derived bioactive glass powders and scaffolds: In vitro characterization and effect on pre-osteoblastic cell behavior. <i>Dental Materials</i> , 2018, 34, 1449-1458.	1.6	16
49	Niobium silicate particles as bioactive fillers for composite resins. <i>Dental Materials</i> , 2020, 36, 1578-1585.	1.6	16
50	Polybutylene-adipate-terephthalate and niobium-containing bioactive glasses composites: Development of barrier membranes with adjusted properties for guided bone regeneration. <i>Materials Science and Engineering C</i> , 2021, 125, 112115.	3.8	16
51	Influence of delayed pouring on irreversible hydrocolloid properties. <i>Brazilian Oral Research</i> , 2012, 26, 404-409.	0.6	15
52	Mineral deposition at dental adhesive resin containing niobium pentoxide. <i>Applied Adhesion Science</i> , 2014, 2, .	1.5	15
53	One-year aging effects on microtensile bond strengths of composite and repairs with different surface treatments. <i>Brazilian Oral Research</i> , 2017, 31, e4.	0.6	15
54	Methacrylate-based root canal sealer containing clorexidine and β -tricalcium phosphate. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1439-1443.	1.6	15

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55	Influence of the addition of microsphere load amoxicillin in the physical, chemical and biological properties of an experimental endodontic sealer. <i>Journal of Dentistry</i> , 2018, 68, 28-33.	1.7	15
56	Boron Nitride Nanotubes as Filler for Resin-Based Dental Sealants. <i>Scientific Reports</i> , 2019, 9, 7710.	1.6	15
57	Guanidine derivative inhibits <i>C. albicans</i> biofilm growth on denture liner without promote loss of materials'™ resistance. <i>Bioactive Materials</i> , 2020, 5, 228-232.	8.6	15
58	Myristyltrimethylammonium Bromide (MYTAB) as a Cationic Surface Agent to Inhibit <i>Streptococcus mutans</i> Grown over Dental Resins: An In Vitro Study. <i>Journal of Functional Biomaterials</i> , 2020, 11, 9.	1.8	15
59	Effect of indomethacin-loaded nanocapsules incorporation in a dentin adhesive resin. <i>Clinical Oral Investigations</i> , 2017, 21, 437-446.	1.4	13
60	Zinc-based particle with ionic liquid as a hybrid filler for dental adhesive resin. <i>Journal of Dentistry</i> , 2020, 102, 103477.	1.7	13
61	Cerium Dioxide Particles to Tune Radiopacity of Dental Adhesives: Microstructural and Physico-Chemical Evaluation. <i>Journal of Functional Biomaterials</i> , 2020, 11, 7.	1.8	13
62	Ionic liquid-loaded microcapsules doped into dental resin infiltrants. <i>Bioactive Materials</i> , 2021, 6, 2667-2675.	8.6	13
63	Antibacterial, chemical and physical properties of sealants with polyhexamethylene guanidine hydrochloride. <i>Brazilian Oral Research</i> , 2019, 33, e019.	0.6	12
64	Interface evaluation of experimental dental adhesives with nanostructured hydroxyapatite incorporation. <i>Applied Adhesion Science</i> , 2014, 2, .	1.5	11
65	Wollastonite as filler of an experimental dental adhesive. <i>Journal of Dentistry</i> , 2020, 102, 103472.	1.7	11
66	Dental Sealant Empowered by 1,3,5-Tri Acryloyl Hexahydro-1,3,5-Triazine and $\hat{I}\pm$ -Tricalcium Phosphate for Anti-Caries Application. <i>Polymers</i> , 2020, 12, 895.	2.0	11
67	Effect on adhesion of a nanocapsules-loaded adhesive system. <i>Brazilian Oral Research</i> , 2018, 32, e008.	0.6	10
68	Exploring Needle-Like Zinc Oxide Nanostructures for Improving Dental Resin Sealers: Design and Evaluation of Antibacterial, Physical and Chemical Properties. <i>Polymers</i> , 2020, 12, 789.	2.0	10
69	Does use of silane-containing universal adhesive eliminate the need for silane application in direct composite repair?. <i>Brazilian Oral Research</i> , 2020, 34, e045.	0.6	10
70	Synthesis and characterization of a glycerol salicylate resin for bioactive root canal sealers. <i>International Endodontic Journal</i> , 2014, 47, 339-345.	2.3	9
71	Influence of addition of [2-(methacryloyloxy)ethyl]trimethylammonium chloride to an experimental adhesive. <i>Brazilian Oral Research</i> , 2017, 31, e31.	0.6	9
72	Physical and mechanical properties of dual functional cements'™ an in vitro study. <i>Clinical Oral Investigations</i> , 2019, 23, 1715-1721.	1.4	9

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73	Niobium silicate particles promote in vitro mineral deposition on dental adhesive resins. <i>Journal of Dentistry</i> , 2020, 101, 103449.	1.7	9
74	Guanidine hydrochloride polymer additive to undertake ultraconservative resin infiltrant against <i>Streptococcus mutans</i> . <i>European Polymer Journal</i> , 2020, 133, 109746.	2.6	9
75	Anti-inflammatory effect of an adhesive resin containing indomethacin-loaded nanocapsules. <i>Archives of Oral Biology</i> , 2017, 84, 106-111.	0.8	8
76	Physical-mechanical properties of Bis-EMA based root canal sealer with different fillers addition. <i>Journal of Conservative Dentistry</i> , 2015, 18, 227.	0.3	8
77	Influence of an iodonium salt on the properties of dual-polymerizing self-adhesive resin cements. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 228-234.	1.1	7
78	3D printing of poly(butylene adipate- <i>co</i> -terephthalate) (PBAT)/niobium containing bioactive glasses (BAGNb) scaffolds: Characterization of composites, in vitro bioactivity, and in vivo bone repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 267-278.	1.3	7
79	In Vitro Bonding Performance of Modern Self-Adhesive Resin Cements and Conventional Resin-Modified Glass Ionomer Cements to Prosthetic Substrates. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8157.	1.3	6
80	Microshear bond strength of dual-cure resin cement in zirconia after different cleaning techniques: an <i>in vitro</i> study. <i>Journal of Advanced Prosthodontics</i> , 2021, 13, 237.	1.1	6
81	Determining the Effects of Eugenol on the Bond Strength of Resin-Based Restorative Materials to Dentin: A Meta-Analysis of the Literature. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1070.	1.3	6
82	Chemical, Mechanical and Biological Properties of an Adhesive Resin with Alkyl Trimethyl Ammonium Bromide-loaded Halloysite Nanotubes. <i>Journal of Adhesive Dentistry</i> , 2020, 22, 399-407.	0.3	6
83	Long-term bond strength, degree of conversion and resistance to degradation of a HEMA-free model adhesive. <i>Brazilian Journal of Oral Sciences</i> , 2014, 13, 261-265.	0.1	5
84	Influence of N-(2-hydroxyethyl)acrylamide addition in light- and dual-cured resin cements. <i>Journal of Dentistry</i> , 2019, 90, 103208.	1.7	5
85	Adhesive system with alpha-tricalcium phosphate addition for mineral deposition on caries-affected dentin. <i>International Journal of Adhesion and Adhesives</i> , 2021, 105, 102790.	1.4	5
86	Nanoneedle-like zinc oxide as a filler particle for an experimental adhesive resin. <i>Indian Journal of Dental Research</i> , 2019, 30, 777.	0.1	5
87	Evaluation of the Physicochemical and Antibacterial Properties of Experimental Adhesives Doped with Lithium Niobate. <i>Polymers</i> , 2020, 12, 1330.	2.0	4
88	Niobium silicate as a filler for an experimental photopolymerizable luting agent. <i>Journal of Prosthodontic Research</i> , 2021, 65, 25-30.	1.1	4
89	Thermocompaction decreases long-term push-out bond strength of methacrylate-based sealers. <i>Acta Odontologica Scandinavica</i> , 2015, 73, 292-297.	0.9	3
90	Effect of disinfection techniques on physical-mechanical properties of a microwave-activated acrylic resin. <i>Polimeros</i> , 2018, 28, 215-219.	0.2	3

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91	Calcium phosphates as fillers for methacrylate-based sealer. <i>Clinical Oral Investigations</i> , 2019, 23, 4417-4423.	1.4	3
92	Physicochemical Effects of Niobic Acid Addition Into Dental Adhesives. <i>Frontiers in Materials</i> , 2021, 7, .	1.2	3
93	Effect of immersion in various disinfectant solutions on the properties of a heat-cured acrylic resin. <i>Rgo</i> , 0, 67, .	0.2	3
94	Mineral deposition promoted by resin-based sealants with different calcium phosphate additions. <i>Brazilian Oral Research</i> , 2019, 33, e101.	0.6	3
95	Influence of mouthwashes on the physical properties of orthodontic acrylic resin. <i>Brazilian Journal of Oral Sciences</i> , 2014, 13, 203-208.	0.1	2
96	Glycerol Salicylate-based Pulp-Capping Material Containing Portland Cement. <i>Brazilian Dental Journal</i> , 2015, 26, 357-362.	0.5	2
97	Acrylic resin disinfection by peracetic acid and microwave energy. <i>Rgo</i> , 2015, 63, 315-318.	0.2	2
98	Bismuth subsalicylate as filler particle for an experimental epoxy-based root canal sealer. <i>Brazilian Journal of Oral Sciences</i> , 2013, 12, 173-177.	0.1	2
99	Incorporation of amoxicillin-loaded microspheres in mineral trioxide aggregate cement: an in vitro study. <i>Restorative Dentistry & Endodontics</i> , 2020, 45, e50.	0.6	2
100	Pigment effect on the long term elasticity of elastomeric ligatures. <i>Dental Press Journal of Orthodontics</i> , 2012, 17, e1-e6.	0.2	2
101	1,3,5-triacryloylhexahydro-1,3,5-triazine improves antibacterial and physicochemical properties of an experimental resin-based cement. <i>International Journal of Adhesion and Adhesives</i> , 2022, 117, 103157.	1.4	2
102	Effect of light sources on nanohardness, elastic modulus and water sorption of a composite resin. <i>Polimeros</i> , 2011, 21, 103-106.	0.2	1
103	Influence of Octacalcium Phosphate addition on physical-mechanical properties of Glass Ionomer Cement. <i>Revista Odonto Ciencia</i> , 2017, 32, 127.	0.0	1
104	Thermal radical polymerization of Bis(methacrylamide)s. <i>Polimeros</i> , 2019, 29, .	0.2	1
105	Biological Properties of Experimental Methacrylate-Based Sealers Containing Calcium Phosphates. <i>Brazilian Dental Journal</i> , 2021, 32, 59-66.	0.5	1
106	A influência do tamanho de partícula na reação de presa de cimentos de silicate de cálcio produzidos por sol-gel. <i>Faculdade De Odontologia De Porto Alegre Revista</i> , 2021, 62, 63-70.	0.1	1
107	Physicochemical and biological evaluation of a triazine-methacrylate monomer into a dental resin. <i>Journal of Dentistry</i> , 2021, 114, 103818.	1.7	1
108	Surface and mechanical properties of adhesives with calcium phosphates challenged to different storage media. <i>Brazilian Journal of Oral Sciences</i> , 0, 19, e200181.	0.1	1

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109	Influence of peracetic acid at acrylic resin properties. Revista Odonto Ciencia, 2012, 27, 238-241.	0.0	1
110	Non-thermal plasma for surface treatment of inorganic fillers added to resin-based cements. Clinical Oral Investigations, 2022, 26, 2983-2991.	1.4	1
111	Physicochemical and biological properties of experimental dental adhesives doped with a guanidine-based polymer: an in vitro study. Clinical Oral Investigations, 2022, 26, 3627.	1.4	1
112	Impact of economic factors and knowledge translation on public procurement for dental adhesive systems. Brazilian Oral Research, 2022, 36, e020.	0.6	1
113	Assessment of Enamel Bond Strength of Hypoplastic Primary Teeth. Pediatric Dentistry (discontinued), 2016, 38, 432-436.	0.4	1
114	Influence of addition of 2-[3-(2H-benzotriazol-2-yl)-4-hydroxyphenyl] ethyl methacrylate to an experimental adhesive system. Acta Odontológica Latinoamericana: AOL, 2015, 28, 72-8.	0.1	1
115	Influence of hydroxyapatite addition on experimental methacrylate-based root canal sealers. Dental Materials, 2011, 27, e45-e46.	1.6	0
116	Influence of dye and nylon fibers on microwave-cured acrylic resin properties. Rgo, 2017, 65, 8-12.	0.2	0
117	Bismuth subcarbonate as filler particle for an epoxy-based root canal sealer. Polimeros, 2013, 23, 743-747.	0.2	0
118	Polímero de MMA para base de dentadura com a adição de subnitrato de bismuto. Revista Da Faculdade De Odontologia (Universidade De Passo Fundo), 2014, 19, .	0.2	0
119	Swelling of self-adhesive resin cement increases long-term push-out bond strength of fiber post to dentin. Brazilian Journal of Oral Sciences, 2015, 14, 246-250.	0.1	0
120	Developing and assessing a virtual learning object with virtual simulation on zinc phosphate cement. Revista Da ABENO, 2016, 15, 43-51.	0.0	0
121	Influence of adhesive system on quartz fiber post dislocation resistance in endodontically treated teeth. Brazilian Journal of Oral Sciences, 2016, 15, 62.	0.1	0
122	Influence of polymerization cycle in properties of acrylic resin polymerized by microwave energy. Revista Odonto Ciencia, 2016, 31, 105.	0.0	0
123	Effect of beverages on surface properties of resin-based sealants. Brazilian Journal of Oral Sciences, 0, 16, 1-7.	0.1	0
124	Avaliação in vitro da microdureza de resinas bulk fill após seis meses de armazenamento em água. Journal of Clinical Dentistry and Research, 2018, 15, 38-46.	0.0	0
125	Estratégias adesivas para prevenção da degradação da interface adesivo/dentina: revisão de literatura. Journal of Clinical Dentistry and Research, 2018, 15, 154-167.	0.0	0
126	Salicilato de metila e óleo de silicone como plastificantes alternativos para cimentos à base de resina de salicilato. Faculdade De Odontologia De Porto Alegre Revista, 2018, 59, 15-18.	0.1	0

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127	Influência do pré-condicionamento ácido em dentina na resistência de união imediata de sistemas adesivos autocondicionantes de dois passos. Faculdade De Odontologia De Porto Alegre Revista, 2018, 59, 30-33.	0.1	0
128	Development of resin-based bioactive endodontic cements with glycerol salicylate and calcium silicate. Faculdade De Odontologia De Porto Alegre Revista, 2020, 61, 69-76.	0.1	0
129	Implementation in restorative treatments in public health: a 10-year analysis of resin composite procurement in Brazil. Cadernos De Saude Publica, 2022, 38, e00118321.	0.4	0