Vicente Castelo Branco Leitune

List of Publications by Year
in descending order

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	Non-thermal plasma for surface treatment of inorganic fillers added to resin-based cements. Clinical Oral Investigations, 2022, 26, 2983-2991.	1.4	1
2	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
3	Impact of economic factors and knowledge translation on public procurement for dental adhesive systems. Brazilian Oral Research, 2022, 36, e020.	0.6	1
4	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
5	3D printing of poly(butylene adipateâ€coâ€terephthalate) (PBAT)/niobium containing bioactive glasses (BAGNb) scaffolds: Characterization of composites, in vitro bioactivity, and in vivo bone repair. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 267-278.	1.3	7
6	1,3,5-triacryloylhexahydro-1,3,5-triazine improves antibacterial and physicochemical properties of an experimental resin-based cement. International Journal of Adhesion and Adhesives, 2022, 117, 103157.	1.4	2
7	Titanium dioxide nanotubes with triazine-methacrylate monomer to improve physicochemical and biological properties of adhesives. Dental Materials, 2021, 37, 223-235.	1.6	17
8	Biological Properties of Experimental Methacrylate-Based Sealers Containing Calcium Phosphates. Brazilian Dental Journal, 2021, 32, 59-66.	0.5	1
9	Physicochemical Effects of Niobic Acid Addition Into Dental Adhesives. Frontiers in Materials, 2021, 7, .	1.2	3
10	Adhesive system with alpha-tricalcium phosphate addition for mineral deposition on caries-affected dentin. International Journal of Adhesion and Adhesives, 2021, 105, 102790.	1.4	5
11	Polybutylene-adipate-terephthalate and niobium-containing bioactive glasses composites: Development of barrier membranes with adjusted properties for guided bone regeneration. Materials Science and Engineering C, 2021, 125, 112115.	3.8	16
12	A influÃªncia do tamanho de partÃcula na reaÃ§Ã£o de presa de cimentos de silicate de cÃ¡lcio produzidos por sol-gel. Faculdade De Odontologia De Porto Alegre Revista, 2021, 62, 63-70.	0.1	1
13	Ionic liquid-loaded microcapsules doped into dental resin infiltrants. Bioactive Materials, 2021, 6, 2667-2675.	8.6	13
14	Physicochemical and biological evaluation of a triazine-methacrylate monomer into a dental resin. Journal of Dentistry, 2021, 114, 103818.	1.7	1
15	Niobium silicate as a filler for an experimental photopolymerizable luting agent. Journal of Prosthodontic Research, 2021, 65, 25-30.	1.1	4
16	Microshear bond strength of dual-cure resin cement in zirconia after different cleaning techniques: an in vitro study. Journal of Advanced Prosthodontics, 2021, 13, 237.	1.1	6
17	Quaternary ammonium compound as antimicrobial agent in resin-based sealants. Clinical Oral Investigations, 2020, 24, 777-784.	1.4	23
18	Niobium containing bioactive glasses as remineralizing filler for adhesive resins. Dental Materials, 2020, 36, 221-228.	1.6	24

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19	Synthesis of solâ€“gel derived calcium silicate particles and development of a bioactive endodontic cement. Dental Materials, 2020, 36, 135-144.	1.6	19
20	Niobium silicate particles as bioactive fillers for composite resins. Dental Materials, 2020, 36, 1578-1585.	1.6	16
21	Wollastonite as filler of an experimental dental adhesive. Journal of Dentistry, 2020, 102, 103472.	1.7	11
22	Zinc-based particle with ionic liquid as a hybrid filler for dental adhesive resin. Journal of Dentistry, 2020, 102, 103477.	1.7	13
23	In Vitro Bonding Performance of Modern Self-Adhesive Resin Cements and Conventional Resin-Modified Glass Ionomer Cements to Prosthetic Substrates. Applied Sciences (Switzerland), 2020, 10, 8157.	1.3	6
24	Niobium silicate particles promote in vitro mineral deposition on dental adhesive resins. Journal of Dentistry, 2020, 101, 103449.	1.7	9
25	Guanidine derivative inhibits C. albicans biofilm growth on denture liner without promote loss of materialsâ€™ resistance. Bioactive Materials, 2020, 5, 228-232.	8.6	15
26	Evaluation of the Physicochemical and Antibacterial Properties of Experimental Adhesives Doped with Lithium Niobate. Polymers, 2020, 12, 1330.	2.0	4
27	Myristyltrimethylammonium Bromide (MYTAB) as a Cationic Surface Agent to Inhibit Streptococcus mutans Grown over Dental Resins: An In Vitro Study. Journal of Functional Biomaterials, 2020, 11, 9.	1.8	15
28	Cerium Dioxide Particles to Tune Radiopacity of Dental Adhesives: Microstructural and Physico-Chemical Evaluation. Journal of Functional Biomaterials, 2020, 11, 7.	1.8	13
29	Dental Sealant Empowered by 1,3,5-Tri Acryloyl Hexahydro-1,3,5-Triazine and Î±-Tricalcium Phosphate for Anti-Caries Application. Polymers, 2020, 12, 895.	2.0	11
30	Exploring Needle-Like Zinc Oxide Nanostructures for Improving Dental Resin Sealers: Design and Evaluation of Antibacterial, Physical and Chemical Properties. Polymers, 2020, 12, 789.	2.0	10
31	Guanidine hydrochloride polymer additive to undertake ultraconservative resin infiltrant against Streptococcus mutans. European Polymer Journal, 2020, 133, 109746.	2.6	9
32	Determining the Effects of Eugenol on the Bond Strength of Resin-Based Restorative Materials to Dentin: A Meta-Analysis of the Literature. Applied Sciences (Switzerland), 2020, 10, 1070.	1.3	6
33	Incorporation of amoxicillin-loaded microspheres in mineral trioxide aggregate cement: an in vitro study. Restorative Dentistry & Endodontics, 2020, 45, e50.	0.6	2
34	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
35	Does use of silane-containing universal adhesive eliminate the need for silane application in direct composite repair?. Brazilian Oral Research, 2020, 34, e045.	0.6	10
36	Chemical, Mechanical and Biological Properties of an Adhesive Resin with Alkyl Trimethyl Ammonium Bromide-loaded Halloysite Nanotubes. Journal of Adhesive Dentistry, 2020, 22, 399-407.	0.3	6

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37	Bone healing with niobium-containing bioactive glass composition in rat femur model: A micro-CT study. Dental Materials, 2019, 35, 1490-1497.	1.6	19
38	CAD/CAM or conventional ceramic materials restorations longevity: a systematic review and meta-analysis. Journal of Prosthodontic Research, 2019, 63, 389-395.	1.1	24
39	Thermal radical polymerization of Bis(methacrylamide)s. Polimeros, 2019, 29, .	0.2	1
40	Influence of N-(2-hydroxyethyl)acrylamide addition in light- and dual-cured resin cements. Journal of Dentistry, 2019, 90, 103208.	1.7	5
41	Boron Nitride Nanotubes as Filler for Resin-Based Dental Sealants. Scientific Reports, 2019, 9, 7710.	1.6	15
42	Ionic liquid as antibacterial agent for an experimental orthodontic adhesive. Dental Materials, 2019, 35, 1155-1165.	1.6	39
43	Calcium phosphates as fillers for methacrylate-based sealer. Clinical Oral Investigations, 2019, 23, 4417-4423.	1.4	3
44	Antibacterial and Remineralizing Fillers in Experimental Orthodontic Adhesives. Materials, 2019, 12, 652.	1.3	22
45	Halloysite nanotubes loaded with alkyl trimethyl ammonium bromide as antibacterial agent for root canal sealers. Dental Materials, 2019, 35, 789-796.	1.6	20
46	Evaluation of an antibacterial orthodontic adhesive incorporated with niobium-based bioglass: an in situ study. Brazilian Oral Research, 2019, 33, e010.	0.6	19
47	Antibacterial, chemical and physical properties of sealants with polyhexamethylene guanidine hydrochloride. Brazilian Oral Research, 2019, 33, e019.	0.6	12
48	Triclosan-loaded chitosan as antibacterial agent for adhesive resin. Journal of Dentistry, 2019, 83, 33-39.	1.7	35
49	Physical and mechanical properties of dual functional cementsâ€"an in vitro study. Clinical Oral Investigations, 2019, 23, 1715-1721.	1.4	9
50	<i>In vitro</i> evaluation of visible light-activated titanium dioxide photocatalysis for in-office dental bleaching. Dental Materials Journal, 2019, 38, 68-74.	0.8	34
51	Antimicrobial and anti-inflammatory drug-delivery systems at endodontic reparative material: Synthesis and characterization. Dental Materials, 2019, 35, 457-467.	1.6	17
52	Nanoneedle-like zinc oxide as a filler particle for an experimental adhesive resin. Indian Journal of Dental Research, 2019, 30, 777.	0.1	5
53	Mineral deposition promoted by resin-based sealants with different calcium phosphate additions. Brazilian Oral Research, 2019, 33, e101.	0.6	3
54	Influence of zinc oxide quantum dots in the antibacterial activity and cytotoxicity of an experimental adhesive resin. Journal of Dentistry, 2018, 73, 57-60.	1.7	54

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55	Effect of nanostructured zirconium dioxide incorporation in an experimental adhesive resin. Clinical Oral Investigations, 2018, 22, 2209-2218.	1.4	19
56	Methacrylateâ€based root canal sealer containing chlorexidine and Î±â€tricalcium phosphate. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1439-1443.	1.6	15
57	Long-term stability of dental adhesive incorporated by boron nitride nanotubes. Dental Materials, 2018, 34, 427-433.	1.6	20
58	Influence of the addition of microsphere load amoxicillin in the physical, chemical and biological properties of an experimental endodontic sealer. Journal of Dentistry, 2018, 68, 28-33.	1.7	15
59	Polymerisation, antibacterial and bioactivity properties of experimental orthodontic adhesives containing triclosan-loaded halloysite nanotubes. Journal of Dentistry, 2018, 69, 77-82.	1.7	35
60	Acrylamides and methacrylamides as alternative monomers for dental adhesives. Dental Materials, 2018, 34, 1634-1644.	1.6	18
61	Effect on adhesion of a nanocapsules-loaded adhesive system. Brazilian Oral Research, 2018, 32, e008.	0.6	10
62	Tantalum oxide as filler for dental adhesive resin. Dental Materials Journal, 2018, 37, 897-903.	0.8	19
63	Effect of disinfection techniques on physical-mechanical properties of a microwave-activated acrylic resin. Polimeros, 2018, 28, 215-219.	0.2	3
64	Niobium addition to sol-gel derived bioactive glass powders and scaffolds: In vitro characterization and effect on pre-osteoblastic cell behavior. Dental Materials, 2018, 34, 1449-1458.	1.6	16
65	AvaliaÃ§Ã£o in vitro da microdureza de resinas bulk fill apÃ³s seis meses de armazenamento em Ã¡gua. Journal of Clinical Dentistry and Research, 2018, 15, 38-46.	0.0	0
66	EstratÃ©gias adesivas para prevenÃ§Ã£o da degradaÃ§Ã£o da interface adesivo/dentina: revisÃ£o de literatura. Journal of Clinical Dentistry and Research, 2018, 15, 154-167.	0.0	0
67	Salicilato de metila e Ã³leo de silicone como plastificantes alternativos para cimentos Ã base de resina de salicilato. Faculdade De Odontologia De Porto Alegre Revista, 2018, 59, 15-18.	0.1	0
68	InfluÃªncia do prÃ©-condicionamento Ã¡cido em dentina na resistÃªncia de uniÃ£o imediata de sistemas adesivos autocondicionantes de dois passos. Faculdade De Odontologia De Porto Alegre Revista, 2018, 59, 30-33.	0.1	0
69	In vitro antibacterial and remineralizing effect of adhesive containing triazine and niobium pentoxide phosphate inverted glass. Clinical Oral Investigations, 2017, 21, 93-103.	1.4	24
70	Effect of indomethacin-loaded nanocapsules incorporation in a dentin adhesive resin. Clinical Oral Investigations, 2017, 21, 437-446.	1.4	13
71	Influence of an iodonium salt on the properties of dual-polymerizing self-adhesive resin cements. Journal of Prosthetic Dentistry, 2017, 118, 228-234.	1.1	7
72	Antimicrobial effect and physicochemical properties of an adhesive system containing nanocapsules. Dental Materials, 2017, 33, 735-742.	1.6	25

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73	Boron nitride nanotubes as novel fillers for improving the properties of dental adhesives. Journal of Dentistry, 2017, 62, 85-90.	1.7	36
74	Anti-inflammatory effect of an adhesive resin containing indomethacin-loaded nanocapsules. Archives of Oral Biology, 2017, 84, 106-111.	0.8	8
75	Niobium pentoxide phosphate invert glass as a mineralizing agent in an experimental orthodontic adhesive. Angle Orthodontist, 2017, 87, 759-765.	1.1	29
76	Triazine Compound as Copolymerized Antibacterial Agent in Adhesive Resins. Brazilian Dental Journal, 2017, 28, 196-200.	0.5	17
77	One-year aging effects on microtensile bond strengths of composite and repairs with different surface treatments. Brazilian Oral Research, 2017, 31, e4.	0.6	15
78	Influence of addition of [2-(methacryloyloxy)ethyl]trimethylammonium chloride to an experimental adhesive. Brazilian Oral Research, 2017, 31, e31.	0.6	9
79	Influence of Octacalcium Phosphate addition on physical-mechanical properties of Glass Ionomer Cement. Revista Odonto Ciencia, 2017, 32, 127.	0.0	1
80	Influence of dye and nylon fibers on microwave-cured acrylic resin properties. Rgo, 2017, 65, 8-12.	0.2	0
81	Influence of Different Calcium Phosphates on an Experimental Adhesive Resin. Journal of Adhesive Dentistry, 2017, 19, 379-384.	0.3	21
82	Effect of silver nanoparticles on the physicochemical and antimicrobial properties of an orthodontic adhesive. Journal of Applied Oral Science, 2016, 24, 404-410.	0.7	66
83	Physicochemical and bioactive properties of innovative resin-based materials containing functional halloysite-nanotubes fillers. Dental Materials, 2016, 32, 1133-1143.	1.6	27
84	Influence of niobium pentoxide addition on the properties of glass ionomer cements. Acta Biomaterialia Odontologica Scandinavica, 2016, 2, 138-143.	4.0	23
85	The influence of a learning object with virtual simulation for dentistry: A randomized controlled trial. International Journal of Medical Informatics, 2016, 85, 68-75.	1.6	22
86	Quantum Dots as Nonagglomerated Nanofillers for Adhesive Resins. Journal of Dental Research, 2016, 95, 1401-1407.	2.5	38
87	The influence of methodological variables on the pushâ€out resistance to dislodgement of root filling materials: a metaâ€regression analysis. International Endodontic Journal, 2016, 49, 836-849.	2.3	49
88	The effect of antimicrobial agents on bond strength of orthodontic adhesives: a metaâ€analysis of inÂvitro studies. Orthodontics and Craniofacial Research, 2016, 19, 1-9.	1.2	30
89	Orthodontic bracket bonding without previous adhesive priming: A meta-regression analysis. Angle Orthodontist, 2016, 86, 391-398.	1.1	18
90	Developing and assessing a virtual learning object with virtual simulation on zinc phosphate cement. Revista Da ABENO, 2016, 15, 43-51.	0.0	0

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91	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
92	Influence of polymerization cycle in properties of acrylic resin polymerized by microwave energy. Revista Odonto Ciencia, 2016, 31, 105.	0.0	0
93	Assessment of Enamel Bond Strength of Hypoplastic Primary Teeth. Pediatric Dentistry (discontinued), 2016, 38, 432-436.	0.4	1
94	Glycerol Salicylate-based Pulp-Capping Material Containing Portland Cement. Brazilian Dental Journal, 2015, 26, 357-362.	0.5	2
95	Acrylic resin disinfection by peracetic acid and microwave energy. Rgo, 2015, 63, 315-318.	0.2	2
96	Thermocompaction decreases long-term push-out bond strength of methacrylate-based sealers. Acta Odontologica Scandinavica, 2015, 73, 292-297.	0.9	3
97	Effect of over-the-counter fluoridated products regimens on root caries inhibition. Archives of Oral Biology, 2015, 60, 1588-1594.	0.8	17
98	Glycerol salicylateâ€based containing Î±â€tricalcium phosphate as a bioactive root canal sealer. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1663-1669.	1.6	18
99	Influence of Eugenol-based Sealers on Push-out Bond Strength of Fiber Post Luted with Resin Cement: Systematic Review and Meta-analysis. Journal of Endodontics, 2015, 41, 1418-1423.	1.4	39
100	Influence of hydroxyethyl acrylamide addition to dental adhesive resin. Dental Materials, 2015, 31, 1579-1586.	1.6	33
101	Physical-mechanical properties of Bis-EMA based root canal sealer with different fillers addition. Journal of Conservative Dentistry, 2015, 18, 227.	0.3	8
102	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
103	Influence of addition of 2-[3-(2H-benzotriazol-2-YL)- 4-hydroxyphenyl] ethyl methacrylate to an experimental adhesive system. Acta OdontolÃ³gica Latinoamericana: AOL, 2015, 28, 72-8.	0.1	1
104	Influence of mouthwashes on the physical properties of orthodontic acrylic resin. Brazilian Journal of Oral Sciences, 2014, 13, 203-208.	0.1	2
105	Long-term bond strength, degree of conversion and resistance to degradation of a HEMA-free model adhesive. Brazilian Journal of Oral Sciences, 2014, 13, 261-265.	0.1	5
106	Mineral deposition at dental adhesive resin containing niobium pentoxide. Applied Adhesion Science, 2014, 2, .	1.5	15
107	Synthesis and characterization of a glycerol salicylate resin for bioactive root canal sealers. International Endodontic Journal, 2014, 47, 339-345.	2.3	9
108	Interface evaluation of experimental dental adhesives with nanostructured hydroxyapatite incorporation. Applied Adhesion Science, 2014, 2, .	1.5	11

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109	PolÃmero de MMA para base de dentadura com a adiÃ§Ã£o de subnitrato de bismuto. Revista Da Faculdade De Odontologia (Universidade De Passo Fundo), 2014, 19, .	0.2	0
110	Niobium pentoxide as a novel filler for dental adhesive resin. Journal of Dentistry, 2013, 41, 106-113.	1.7	65
111	The addition of nanostructured hydroxyapatite to an experimental adhesive resin. Journal of Dentistry, 2013, 41, 321-327.	1.7	93
112	Niobium pentoxide as a new filler for methacrylateâ€based root canal sealers. International Endodontic Journal, 2013, 46, 205-210.	2.3	30
113	Oral research in the world today. Brazilian Oral Research, 2013, 27, 453-454.	0.6	36
114	Influence of radiopaque fillers on physicochemical properties of a model epoxy resin-based root canal sealer. Journal of Applied Oral Science, 2013, 21, 533-539.	0.7	25
115	Bismuth subsalicylate as filler particle for an experimental epoxy-based root canal sealer. Brazilian Journal of Oral Sciences, 2013, 12, 173-177.	0.1	2
116	Chlorhexidine application in adhesive procedures: a meta-regression analysis. Journal of Adhesive Dentistry, 2013, 15, 11-8.	0.3	28
117	Bismuth subcarbonate as filler particle for an epoxy-based root canal sealer. Polimeros, 2013, 23, 743-747.	0.2	0
118	Influence of Endodontic Irrigants on Resin Sealer Bond Strength to Radicular Dentin. Bulletin of Tokyo Dental College, The, 2012, 53, 1-7.	0.1	32
119	Influence of delayed pouring on irreversible hydrocolloid properties. Brazilian Oral Research, 2012, 26, 404-409.	0.6	15
120	Nanostructured hydroxyapatite as filler for methacrylateâ€based root canal sealers. International Endodontic Journal, 2012, 45, 63-67.	2.3	45
121	Influence of peracetic acid at acrylic resin properties. Revista Odonto Ciencia, 2012, 27, 238-241.	0.0	1
122	Pigment effect on the long term elasticity of elastomeric ligatures. Dental Press Journal of Orthodontics, 2012, 17, e1-e6.	0.2	2
123	Effect of light sources on nanohardness, elastic modulus and water sorption of a composite resin. Polimeros, 2011, 21, 103-106.	0.2	1
124	Influence of chlorhexidine application on longitudinal adhesive bond strength in deciduous teeth. Brazilian Oral Research, 2011, 25, 388-392.	0.6	27
125	Influence of hydroxyapatite addition on experimental methacrylate-based root canal sealers. Dental Materials, 2011, 27, e45-e46.	1.6	0
126	Influence of chlorhexidine application at longitudinal push-out bond strength of fiber posts. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, e77-e81.	1.6	34

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127	Surface and mechanical properties of adhesives with calcium phosphates challenged to different storage media. Brazilian Journal of Oral Sciences, 0, 19, e200181.	0.1	1
128	Effect of beverages on surface properties of resin-based sealants. Brazilian Journal of Oral Sciences, 0, 16, 1-7.	0.1	0
129	Effect of immersion in various disinfectant solutions on the properties of a heat-cured acrylic resin. Rgo, 0, 67, .	0.2	3