

# Bruno Apc Henriques

## List of Publications by Year in descending order

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137  
papers

3,500  
citations

182225

30  
h-index

214428

50  
g-index

139  
all docs

139  
docs citations

139  
times ranked

3552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical analyses of one-piece dental implants composed of titanium, zirconia, PEEK, CFRPEEK, or GFRPEEK: Stresses, strains, and bone remodeling prediction by the finite element method. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 79-88.	1.6	15
2	Influence of the Addition of Ni-Coated Carbon Nanotubes on the Mechanical Properties of Highly Porous Zirconia Cellular Structures. <i>Advanced Engineering Materials</i> , 2022, 24, 2100624.	1.6	1
3	Multidisciplinary treatment of an impacted maxillary canine with immediate implant installation. <i>Journal of Indian Society of Periodontology</i> , 2022, 26, 192.	0.3	1
4	Surface modification of glass fiber-reinforced composite posts to enhance their bond strength to resin-matrix cements: an integrative review. <i>Clinical Oral Investigations</i> , 2022, 26, 95-107.	1.4	16
5	Surface modification of zirconia dental implants by laser texturing. <i>Lasers in Medical Science</i> , 2022, 37, 77-93.	1.0	21
6	Tribocorrosion Behavior of NiTi Biomedical Alloy Processed by an Additive Manufacturing Laser Beam Directed Energy Deposition Technique. <i>Materials</i> , 2022, 15, 691.	1.3	8
7	Porous Zirconia Blocks for Bone Repair: An Integrative Review on Biological and Mechanical Outcomes. <i>Ceramics</i> , 2022, 5, 161-172.	1.0	7
8	The influence of inorganic fillers on the light transmission through resin-matrix composites during the light-curing procedure: an integrative review. <i>Clinical Oral Investigations</i> , 2022, 26, 5575-5594.	1.4	13
9	In-vitro mechanical and biological evaluation of novel zirconia reinforced bioglass scaffolds for bone repair. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 114, 104164.	1.5	22
10	Effect of cyanoacrylate tissue adhesive in postoperative palatal pain management: a systematic review. <i>Clinical Oral Investigations</i> , 2021, 25, 3609-3622.	1.4	13
11	Effect of dip-coating process on mechanical behavior of 3Y-TZP using different aging-free coatings. <i>Ceramics International</i> , 2021, 47, 6896-6904.	2.3	3
12	Application of Kubelka-Munk model on the optical characterization of translucent dental zirconia. <i>Materials Chemistry and Physics</i> , 2021, 258, 123994.	2.0	14
13	Carbon fiber-reinforced PEEK in implant dentistry: A scoping review on the finite element method. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1355-1367.	0.9	19
14	Antibiofilm effects of titanium surfaces modified by laser texturing and hot pressing sintering with silver. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1588-1600.	1.6	3
15	Cytotoxic effects of submicron- and nano-scale titanium debris released from dental implants: an integrative review. <i>Clinical Oral Investigations</i> , 2021, 25, 1627-1640.	1.4	39
16	The influence of zirconia veneer thickness on the degree of conversion of resin-matrix cements: an integrative review. <i>Clinical Oral Investigations</i> , 2021, 25, 3395-3408.	1.4	25
17	A Preliminary Analysis of the Wear Pathways of Sliding Contacts on Temporomandibular Joint Total Joint Replacement Prostheses. <i>Metals</i> , 2021, 11, 685.	1.0	3
18	Desgaste das próteses da articulação temporomandibular: uma revisão narrativa. , 2021, 3, 61-68.	0.0	1

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19	An integrative review on the toxicity of Bisphenol A (BPA) released from resin composites used in dentistry. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1942-1952.	1.6	32
20	On the production of novel zirconia-reinforced bioactive glass porous structures for bone repair. <i>Journal of Materials Science</i> , 2021, 56, 11682-11697.	1.7	1
21	On the synergistic effect of sulfonic functionalization and acidic adhesive conditioning to enhance the adhesion of PEEK to resin-matrix composites. <i>Dental Materials</i> , 2021, 37, 741-754.	1.6	19
22	Damage of Dental Amalgam and Resin-Matrix Composite Surfaces After Exposure to Bleaching Agents: An Integrative Review. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021, 7, 1.	1.2	1
23	Degradation of Tooth Occlusal Fissure and Pit Sealants by Wear and Corrosion Pathways: A Short Review. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021, 7, 1.	1.2	3
24	The resin-matrix cement layer thickness resultant from the intracanal fitting of teeth root canal posts: an integrative review. <i>Clinical Oral Investigations</i> , 2021, 25, 5595-5612.	1.4	22
25	Biomechanical behavior of functionally graded S53P4 bioglass-zirconia dental implants: Experimental and finite element analyses. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 120, 104565.	1.5	13
26	Wear Pathways of Tooth Occlusal Fissure Sealants: An Integrative Review. <i>Biotribology</i> , 2021, 27, 100190.	0.9	6
27	The synergistic effect of platelet-rich fibrin (PRF) and bone substitutes. , 2021, 3, .	0.0	0
28	Influence of laser texturing on surface features, mechanical properties and low-temperature degradation behavior of 3Y-TZP. <i>Ceramics International</i> , 2020, 46, 3502-3512.	2.3	15
29	Micro-CT based finite element modelling and experimental characterization of the compressive mechanical properties of 3-D zirconia scaffolds for bone tissue engineering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 102, 103516.	1.5	31
30	Cell adhesion evaluation of laser-sintered HAp and 45S5 bioactive glass coatings on micro-textured zirconia surfaces using MC3T3-E1 osteoblast-like cells. <i>Materials Science and Engineering C</i> , 2020, 109, 110492.	3.8	29
31	A Comprehensive Review on the Corrosion Pathways of Titanium Dental Implants and Their Biological Adverse Effects. <i>Metals</i> , 2020, 10, 1272.	1.0	34
32	Micro-scale abrasion and sliding wear of zirconium-lithium silicate glass-ceramic and polymer-infiltrated ceramic network used in dentistry. <i>Wear</i> , 2020, 448-449, 203214.	1.5	13
33	Bond Strength of Metallic or Ceramic Orthodontic Brackets to Enamel, Acrylic, or Porcelain Surfaces. <i>Materials</i> , 2020, 13, 5197.	1.3	19
34	Influence of ns-Nd:YAG laser surface treatment on the tensile bond strength of zirconia to resin-matrix cements. <i>Ceramics International</i> , 2020, 46, 27822-27831.	2.3	11
35	Heated distilled water with or without continuous ultrasonic irrigation improves final irrigation efficacy and reduces dentine erosion. <i>Journal of Dentistry</i> , 2020, 103, 103507.	1.7	7
36	PEEK-matrix composites containing different content of natural silica fibers or particulate lithium-zirconium silicate glass fillers: Coefficient of friction and wear volume measurements. <i>Biotribology</i> , 2020, 24, 100147.	0.9	13

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37	Laser-assisted production of HAp-coated zirconia structured surfaces for biomedical applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104049.	1.5	20
38	Improvement of 3Y-TZP aging behavior by means of zirconia-based protective layers. <i>Journal of the European Ceramic Society</i> , 2020, 40, 4315-4322.	2.8	5
39	Enhancing the bone healing on electrical stimuli through the dental implant. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 1041-1051.	0.9	2
40	Mechanical and tribological performance of Niâ€Co-based binders for cubic boron nitride cutting tools. <i>Journal of Composite Materials</i> , 2020, 54, 2753-2760.	1.2	1
41	Wear behavior of dental glass-ceramics: a scoping review on the damage of opposing tooth enamel surfaces. <i>Biotribology</i> , 2020, 21, 100116.	0.9	9
42	Direct Laser Interference Patterning of Bioceramics: A Short Review. <i>Ceramics</i> , 2019, 2, 578-586.	1.0	21
43	Electrical potential approaches to inhibit biofilm adhesion on titanium implants. <i>Materials Letters</i> , 2019, 255, 126577.	1.3	6
44	Micro-scale abrasion wear of novel biomedical PEEK-matrix composites for restorative dentistry. <i>Surface Topography: Metrology and Properties</i> , 2019, 7, 015019.	0.9	7
45	Evaluation of in vitro properties of 3D micro-macro porous zirconia scaffolds coated with 58S bioactive glass using MC-63 osteoblast-like cells. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2545-2558.	2.8	27
46	Mechanical properties of zirconia periodic open cellular structures. <i>Ceramics International</i> , 2019, 45, 15799-15806.	2.3	10
47	Nano-scale modification of titanium implant surfaces to enhance osseointegration. <i>Acta Biomaterialia</i> , 2019, 94, 112-131.	4.1	336
48	Adhesion behavior of conventional and highâ€translucent zirconia: Effect of surface conditioning methods and aging using an experimental methodology. <i>Journal of Esthetic and Restorative Dentistry</i> , 2019, 31, 388-397.	1.8	33
49	Y-TZP/porcelain graded dental restorations design for improved damping behavior â€ A study on damping capacity and dynamic Young's modulus. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 96, 219-226.	1.5	5
50	Production and characterization of zirconia structures with a porous surface. <i>Materials Science and Engineering C</i> , 2019, 101, 264-273.	3.8	9
51	Shear bond strength of PEEK and PEEK-30GF cemented to zirconia or titanium substrates. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 1090-1101.	1.4	5
52	Sliding behavior of zirconia porous implant surfaces against bone. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1113-1121.	1.6	6
53	Ecological footprint of biomaterials for implant dentistry: is the metal-free practice an eco-friendly shift?. <i>Journal of Cleaner Production</i> , 2019, 213, 723-732.	4.6	9
54	Zirconia surface modifications for implant dentistry. <i>Materials Science and Engineering C</i> , 2019, 98, 1294-1305.	3.8	191

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55	The Potential Use of Oyster Shell Waste in New Value-Added By-Product. <i>Resources</i> , 2019, 8, 13.	1.6	104
56	Surface damage of dental implant systems and ions release after exposure to fluoride and hydrogen peroxide. <i>Journal of Periodontal Research</i> , 2019, 54, 46-52.	1.4	25
57	Damping and mechanical behavior of metal-ceramic composites applied to novel dental restorative systems. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 239-247.	1.5	9
58	Bond strength enhancement of zirconia-porcelain interfaces via Nd:YAG laser surface structuring. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 81, 161-167.	1.5	22
59	Bioactivity of novel functionally structured titanium-ceramic composites in contact with human osteoblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1923-1931.	2.1	21
60	Wear behaviour of tetragonal zirconia polycrystal with a porous surface. <i>International Journal of Refractory Metals and Hard Materials</i> , 2018, 75, 85-93.	1.7	10
61	Optimized route for the production of zirconia structures with controlled surface porosity for biomedical applications. <i>Ceramics International</i> , 2018, 44, 12496-12503.	2.3	12
62	On the mechanical properties of monolithic and laminated nano-ceramic resin structures obtained by laser printing. <i>Composites Part B: Engineering</i> , 2018, 141, 76-83.	5.9	13
63	Biomechanical simulation of temporomandibular joint replacement (TMJR) devices: a scoping review of the finite element method. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2018, 47, 1032-1042.	0.7	23
64	Influence of specimens' geometry and materials on the thermal stresses in dental restorative materials during thermal cycling. <i>Journal of Dentistry</i> , 2018, 69, 41-48.	1.7	8
65	Tribocorrosion behavior of additive manufactured Ti-6Al-4V biomedical alloy. <i>Tribology International</i> , 2018, 119, 381-388.	3.0	66
66	Nickel-cobalt-based materials for diamond cutting tools. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 1059-1067.	1.5	15
67	Can degradation products released from dental implants affect peri-implant tissues?. <i>Journal of Periodontal Research</i> , 2018, 53, 1-11.	1.4	192
68	Finite element analysis of peri-implant bone volume affected by stresses around Morse taper implants: effects of implant positioning to the bone crest. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018, 21, 655-662.	0.9	15
69	Physicochemical and microscopic characterization of implant-abutment joints. <i>European Journal of Dentistry</i> , 2018, 12, 100-104.	0.8	15
70	On the increase of the chemical reactivity of cp titanium and Ti6Al4V at low electrical current in a protein-rich medium. <i>Biomedical Physics and Engineering Express</i> , 2018, 5, 015014.	0.6	1
71	Functionally graded nanostructured biomaterials (FGNB). , 2018, , 159-180.		0
72	Color stability of a bis-acryl composite resin subjected to polishing, thermocycling, intercalated baths, and immersion in different beverages. <i>Journal of Esthetic and Restorative Dentistry</i> , 2018, 30, 449-456.	1.8	14

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73	Influence of laser structuring of PEEK, PEEK-GF30 and PEEK-CF30 surfaces on the shear bond strength to a resin cement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 84, 225-234.	1.5	31
74	Bioactive glass coatings. , 2018, , 103-118.		8
75	Current state of nanostructured biomaterials for oral and cranio-maxillofacial rehabilitation. , 2018, , 1-12.		2
76	Nanostructured biocompatible ceramics and glass-ceramics. , 2018, , 97-118.		2
77	Custom-made root-analogue zirconia implants: A scoping review on mechanical and biological benefits. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2888-2900.	1.6	20
78	Nanostructured biomaterials embedding bioactive molecules. , 2018, , 143-158.		0
79	Lithium-zirconium silicate glass-ceramics for restorative dentistry: Physicochemical analysis and biological response in contact with human osteoblast. <i>Materialia</i> , 2018, 2, 37-45.	1.3	16
80	Mechanical integrity of cement- and screw-retained zirconium-lithium silicate glass-ceramic crowns to Morse taper implants. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 721-731.	1.1	11
81	Iron in galaxy groups and clusters: confronting galaxy evolution models with a newly homogenized data set. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3169-3193.	1.6	30
82	Copper-nickel-based diamond cutting tools: stone cutting evaluation. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 1339-1348.	1.5	16
83	Inhibition of multi-species oral biofilm by bromide doped bioactive glass. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1994-2003.	2.1	22
84	Physicochemical and biological assessment of PEEK composites embedding natural amorphous silica fibers for biomedical applications. <i>Materials Science and Engineering C</i> , 2017, 79, 354-362.	3.8	40
85	Laser surface structuring of Ti6Al4V substrates for adhesion enhancement in Ti6Al4V-PEEK joints. <i>Materials Science and Engineering C</i> , 2017, 79, 177-184.	3.8	36
86	Thermal residual stresses in bilayered, trilayered and graded dental ceramics. <i>Ceramics International</i> , 2017, 43, 3670-3678.	2.3	21
87	Synergistic interactions between corrosion and wear at titanium-based dental implant connections: A scoping review. <i>Journal of Periodontal Research</i> , 2017, 52, 946-954.	1.4	103
88	New perspectives for recycling dental zirconia waste resulting from CAD/CAM manufacturing process. <i>Journal of Cleaner Production</i> , 2017, 152, 454-463.	4.6	32
89	Wear of Morse taper and external hexagon implant joints after abutment removal. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 65.	1.7	16
90	Finite element analysis of stress extent at peri-implant bone surrounding external hexagon or Morse taper implants. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 71, 441-447.	1.5	50

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91	The effect of surface treatment on the friction and wear behavior of dental Y-TZP ceramic against human enamel. <i>Tribology International</i> , 2017, 116, 192-198.	3.0	36
92	Microstructure, Mechanical and Wear Behaviors of Hot-Pressed Copper-Nickel-Based Materials for Diamond Cutting Tools. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4046-4055.	1.2	31
93	Study of the tribocorrosion behaviour of Ti6Al4V + HA biocomposites. <i>Tribology International</i> , 2017, 107, 77-84.	3.0	56
94	Processing and strengthening of 58S bioactive glass-infiltrated titania scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 590-600.	2.1	17
95	Influence of interlayer design on residual thermal stresses in trilayered and graded all-ceramic restorations. <i>Materials Science and Engineering C</i> , 2017, 71, 1037-1045.	3.8	18
96	Solubilidade e desintegracao de cimentos a base de agregados minerais contendo diferentes radiopacificadores. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2017, 58, .	0.1	18
97	Effect of thermal cycling on the shear bond strength of different orthodontic adhesives to enamel. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2017, 58, .	0.1	0
98	Degradation of dental implant systems after immersion in therapeutic gels. , 2017, , 5-9.		0
99	Novel strategies for the enhancement of zirconia behavior. , 2017, , 11-13.		0
100	Effect of Zirconia and Alumina Fillers on the Microstructure and Mechanical Strength of Dental Glass Ionomer Cements. <i>Open Dentistry Journal</i> , 2016, 10, 58-68.	0.2	19
101	Removal Torque and Biofilm Accumulation at Two Dental Implant-Abutment Joints After Fatigue. <i>International Journal of Oral and Maxillofacial Implants</i> , 2016, 31, 813-819.	0.6	24
102	Morse taper dental implants and platform switching: The new paradigm in oral implantology. <i>European Journal of Dentistry</i> , 2016, 10, 148-154.	0.8	62
103	The bending stress distribution in bilayered and graded zirconia-based dental ceramics. <i>Ceramics International</i> , 2016, 42, 11025-11031.	2.3	36
104	Shear bond strength of veneering porcelain to zirconia: Effect of surface treatment by CNC-milling and composite layer deposition on zirconia. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 547-556.	1.5	20
105	Mechanical and biological behavior of biomedical PEEK matrix composites: A focused review. <i>Materials Letters</i> , 2016, 185, 593-597.	1.3	61
106	Design of Ti6Al4V-HA composites produced by hot pressing for biomedical applications. <i>Materials and Design</i> , 2016, 108, 488-493.	3.3	53
107	Tribological behavior of zirconia-reinforced glass-ceramic composites in artificial saliva. <i>Tribology International</i> , 2016, 103, 379-387.	3.0	30
108	Effects of poly-ether-ether ketone (PEEK) veneer thickness on the reciprocating friction and wear behavior of PEEK/Ti6Al4V structures in artificial saliva. <i>Wear</i> , 2016, 368-369, 84-91.	1.5	24

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109	Biofilm Affecting the Mechanical Integrity of Implant-Abutment Joints. <i>International Journal of Prosthodontics</i> , 2016, 29, 381-383.	0.7	22
110	On the mechanical properties and microstructure of zirconia-reinforced feldspar-based porcelain. <i>Ceramics International</i> , 2016, 42, 14214-14221.	2.3	24
111	Abrasive and sliding wear of resin composites for dental restorations. <i>Tribology International</i> , 2016, 102, 154-160.	3.0	55
112	Tribological behaviour of glass-ceramics reinforced by Yttria Stabilized Zirconia. <i>Tribology International</i> , 2016, 102, 361-370.	3.0	20
113	Comparison between PEEK and Ti6Al4V concerning micro-scale abrasion wear on dental applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 212-219.	1.5	44
114	Tribocorrosion behavior of hot pressed CoCrMo alloys in artificial saliva. <i>Tribology International</i> , 2016, 97, 423-430.	3.0	46
115	Tribocorrosion behavior of veneering biomedical PEEK to Ti6Al4V structures. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 54, 123-130.	1.5	65
116	Tribocorrosion Behavior of Ti6Al4V Coated with a Bio-absorbable Polymer for Biomedical Applications. <i>Journal of Bio- and Tribo-Corrosion</i> , 2015, 1, 1.	1.2	22
117	Finite element analysis of the residual thermal stresses on functionally graded dental restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 50, 123-130.	1.5	22
118	Mechanical properties of hot pressed CoCrMo alloy compacts for biomedical applications. <i>Materials and Design</i> , 2015, 83, 829-834.	3.3	31
119	Mechanical Strength and Wear of Dental Glass-Ionomer and Resin Composites Affected by Porosity and Chemical Composition. <i>Journal of Bio- and Tribo-Corrosion</i> , 2015, 1, 1.	1.2	32
120	Improving the functional design of dental restorations by adding a composite interlayer in the multilayer system: multi-aspect analysis. <i>Ciência &amp; Tecnologia Dos Materiais</i> , 2015, 27, 36-40.	0.5	5
121	Effect of hot pressing variables on the microstructure, relative density and hardness of sterling silver (Ag-Cu alloy) powder compacts. <i>Materials Research</i> , 2014, 17, 664-671.	0.6	9
122	Mechanical and thermal properties of hot pressed CoCrMo porcelain composites developed for prosthetic dentistry. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 30, 103-110.	1.5	23
123	Mechanical and chemical analyses across dental porcelain fused to CP titanium or Ti6Al4V. <i>Materials Science and Engineering C</i> , 2014, 37, 76-83.	3.8	16
124	Fracture and shear bond strength analyses of different dental veneering ceramics to zirconia. <i>Materials Science and Engineering C</i> , 2014, 38, 79-84.	3.8	25
125	Effect of surface and heat treatments on the biaxial flexural strength and phase transformation of a Y-TZP ceramic. <i>Journal of Adhesive Dentistry</i> , 2014, 16, 451-8.	0.3	12
126	On the hot pressing of coloured high-gold alloys powder compacts applied to the manufacturing of innovative jewellery items. <i>Gold Bulletin</i> , 2013, 46, 117-125.	1.1	5



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127	Influence of the processing route of porcelain/Ti-6Al-4V interfaces on shear bond strength. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 20, 327-337.	1.5	19
128	Hot pressing effect on the shear bond strength of dental porcelain to CoCrMoSi alloy substrates with different surface treatments. Materials Science and Engineering C, 2013, 33, 557-563.	3.8	33
129	Microstructure, hardness, corrosion resistance and porcelain shear bond strength comparison between cast and hot pressed CoCrMo alloy for metal-ceramic dental restorations. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 12, 83-92.	1.5	69
130	Experimental evaluation of the bond strength between a CoCrMo dental alloy and porcelain through a composite metal-ceramic graded transition interlayer. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 13, 206-214.	1.5	29
131	Shear bond strength comparison between conventional porcelain fused to metal and new functionally graded dental restorations after thermal-mechanical cycling. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 13, 194-205.	1.5	52
132	Influence of preoxidation cycle on the bond strength of CoCrMoSi porcelain dental composites. Materials Science and Engineering C, 2012, 32, 2374-2380.	3.8	25
133	Shear bond strength of a hot pressed Au-Pd-Pt alloy porcelain dental composite. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1718-1726.	1.5	30
134	Optimization of bond strength between gold alloy and porcelain through a composite interlayer obtained by powder metallurgy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 1415-1420.	2.6	33
135	Analysis of CoCrMo Surface Oxide Removal by Alumina Blasting before Porcelain Firing in Dental Restorations. Materials Science Forum, 0, 730-732, 9-14.	0.3	2
136	Adhesion of PEEK to resin-matrix composites used in dentistry: a short review on surface modification and bond strength. Journal of Adhesion Science and Technology, 0, , 1-12.	1.4	7
137	Damage on tooth enamel after removal of orthodontic adhesive by Arkansas™ stone and tungsten carbide burs. Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial, 0, 58, .	0.1	0