

Brigitte Grosogeat

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,465
citations

218677

26
h-index

206112

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76
all docs

76
docs citations

76
times ranked

3278
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the Microstructure of CAD/CAM Blocks on the Bonding Strength and the Bonded Interface. Journal of Prosthodontics, 2022, 31, 72-78.	3.7	6
2	Comparison of physical and biological properties of a flowable fiber reinforced and bulk filling composites. Dental Materials, 2022, 38, e19-e30.	3.5	15
3	Selected and simplified FDI criteria for assessment of restorations. Journal of Dentistry, 2022, 122, 104109.	4.1	4
4	Seroprevalence of SARS-CoV-2 IgG Antibodies and Factors Associated with SARS-CoV-2 IgG Neutralizing Activity among Primary Health Care Workers 6 Months after Vaccination Rollout in France. Viruses, 2022, 14, 957.	3.3	5
5	Dental practice-based research networks (D-PBRN) worldwide: A scoping review. Journal of Dentistry, 2021, 104, 103523.	4.1	6
6	Mesoporous Bioactive Glasses Cytocompatibility Assessment: A Review of In Vitro Studies. Biomimetics, 2021, 6, 9.	3.3	15
7	Accurate Tongue-Palate Pressure Sensing Device to Study Speech Production and Swallowing in Patients with Complete Denture. European Journal of Dentistry, 2021, 15, 302-306.	1.7	0
8	Interface between calcium silicate cement and adhesive systems according to adhesive families and cement maturation. Restorative Dentistry & Endodontics, 2021, 46, e3.	1.5	3
9	Antibiotic Use in Periodontal Therapy among French Dentists and Factors Which Influence Prescribing Practices. Antibiotics, 2021, 10, 303.	3.7	9
10	Place of a new radiological index in predicting pulp exposure before intervention for deep carious lesions. Oral Radiology, 2021, , 1.	1.9	3
11	Nationwide Seroprevalence of SARS-CoV-2 IgG Antibodies among Four Groups of Primary Health-Care Workers and Their Household Contacts 6 Months after the Initiation of the COVID-19 Vaccination Campaign in France: SeroPRIM Study Protocol. Pathogens, 2021, 10, 911.	2.8	6
12	Needs for re-intervention on restored teeth in adults: a practice-based study. Clinical Oral Investigations, 2021, , 1.	3.0	1
13	Histologic and histomorphometric evaluation of new zirconia-based ceramic dental implants: A preclinical study in dogs. Dental Materials, 2021, 37, 1377-1389.	3.5	14
14	Clinical decision-making in anterior resin composite restorations: a multicenter evaluation.. Journal of Dentistry, 2021, 113, 103757.	4.1	5
15	Study of tongue-palate pressure patterns during the hold phase in the production of French denti-alveolar and velar stops. Clinical Linguistics and Phonetics, 2020, 34, 54-71.	0.9	4
16	The influence of experimental bioactive glasses on pulp cells behavior in vitro. Dental Materials, 2020, 36, 1322-1331.	3.5	14
17	Cobalt-Chromium Dental Alloys: Metal Exposures, Toxicological Risks, CMR Classification, and EU Regulatory Framework. Crystals, 2020, 10, 1151.	2.2	51
18	Bioactivity assessment of bioactive glasses for dental applications: A critical review. Dental Materials, 2020, 36, 1116-1143.	3.5	29

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19	Structural stability of DHMAI antibacterial dental composite following in vitro biological aging. Dental Materials, 2020, 36, 1161-1169.	3.5	7
20	Ion release characterization in phase separated borosilicate glass powders. Journal of Non-Crystalline Solids, 2020, 534, 119934.	3.1	2
21	Cellular and collagen reference values of gingival and periodontal ligament tissues in rats: a pilot study. Histochemistry and Cell Biology, 2019, 152, 145-153.	1.7	4
22	GoPerio - impact of a personalized video and an automated two-way text-messaging system in oral hygiene motivation: study protocol for a randomized controlled trial. Trials, 2019, 20, 699.	1.6	9
23	Sol-gel bioglasses in dental and periodontal regeneration: A systematic review. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1210-1227.	3.4	12
24	Marginal and internal fit of CAD-CAM inlay/onlay restorations: A systematic review of in vitro studies. Journal of Prosthetic Dentistry, 2019, 121, 590-597.e3.	2.8	105
25	Devising tissue ingrowth metrics: a contribution to the computational characterization of engineered soft tissue healing. Biomedical Materials (Bristol), 2018, 13, 035010.	3.3	5
26	Mechanical properties and internal fit of 4 CAD-CAM block materials. Journal of Prosthetic Dentistry, 2018, 119, 384-389.	2.8	141
27	The use of FDI criteria in clinical trials on direct dental restorations: A scoping review. Journal of Dentistry, 2018, 68, 1-9.	4.1	63
28	Influence of network modifiers in an acetate based sol-gel bioactive glass system. Microporous and Mesoporous Materials, 2018, 257, 99-109.	4.4	17
29	Towards quantitative analysis of enamel erosion by focused ion beam tomography. Dental Materials, 2018, 34, e289-e300.	3.5	7
30	Bioactivity evaluation of collagen-based scaffolds containing a series of Sr-doped melt-quench derived phosphate-based glasses. Journal of Materials Science: Materials in Medicine, 2018, 29, 101.	3.6	5
31	Evidence-Based Deep Carious Lesion Management: From Concept to Application in Everyday Clinical Practice. Monographs in Oral Science, 2018, 27, 137-145.	1.8	4
32	The influence of precursor addition order on the porosity of sol-gel bioactive glasses. Dental Materials, 2018, 34, 1323-1330.	3.5	10
33	Survival of directly placed ormocer-based restorative materials: A systematic review and meta-analysis of clinical trials. Dental Materials, 2017, 33, e212-e220.	3.5	26
34	FTIR microscopy contribution for comprehension of degradation mechanisms in PLA-based implantable medical devices. Journal of Materials Science: Materials in Medicine, 2017, 28, 87.	3.6	34
35	Bioactive glass for dentin remineralization: A systematic review. Materials Science and Engineering C, 2017, 76, 1369-1377.	7.3	84
36	Mesoporous silica fillers and resin composition effect on dental composites cytocompatibility. Dental Materials, 2017, 33, 166-174.	3.5	22

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37	Effectiveness of the DHMAI monomer in the development of an antibacterial dental composite. Dental Materials, 2017, 33, 1381-1391.	3.5	28
38	Chitosan coating as an antibacterial surface for biomedical applications. PLoS ONE, 2017, 12, e0189537.	2.5	39
39	A chitosan-hyaluronic acid hydrogel scaffold for periodontal tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 1691-1702.	3.4	88
40	One-step partial or complete caries removal and bonding with antibacterial or traditional self-etch adhesives: study protocol for a randomized controlled trial. Trials, 2016, 17, 404.	1.6	9
41	Soft Tissue and Marginal Bone Adaptation on Platform-Switched Implants with a Morse Cone Connection: A Histomorphometric Study in Dogs. International Journal of Periodontics and Restorative Dentistry, 2016, 36, 221-228.	1.0	2
42	Early Periimplant Tissue Healing on 1-Piece Implants With a Concave Transmucosal Design. Implant Dentistry, 2015, 24, 598-606.	1.3	13
43	Computerized histomorphometric study of the splenic collagen polymorphism: A control tissue for polarization microscopy. Microscopy Research and Technique, 2015, 78, 900-907.	2.2	7
44	Tensile Bond Strengths of Two Adhesives on Irradiated and Nonirradiated Human Dentin. BioMed Research International, 2015, 2015, 1-6.	1.9	7
45	Crystal structure of human tooth enamel studied by neutron diffraction. Materials Research Express, 2015, 2, 025401.	1.6	7
46	Relevant insight of surface characterization techniques to study covalent grafting of a biopolymer to titanium implant and its acidic resistance. Applied Surface Science, 2015, 327, 296-306.	6.1	13
47	Acidic pH resistance of grafted chitosan on dental implant. Odontology / the Society of the Nippon Dental University, 2015, 103, 210-217.	1.9	7
48	Potential Toxicity of Bisphenol A and Other Related Substances in Dental Restorative Resins. Journal of Oral Science and Health, 2015, 2, .	0.0	6
49	Initial Sliding Wear Kinetics of Two Types of Glass Ionomer Cement: A Tribological Study. BioMed Research International, 2014, 2014, 1-6.	1.9	8
50	Surface Entrapment of Fibronectin on Electrospun PLGA Scaffolds for Periodontal Tissue Engineering. BioResearch Open Access, 2014, 3, 117-126.	2.6	58
51	Confocal Time Lapse Imaging as an Efficient Method for the Cytocompatibility Evaluation of Dental Composites. Journal of Visualized Experiments, 2014, , e51949.	0.3	8
52	Toxicity Evaluation of Two Dental Composites: Three-Dimensional Confocal Laser Scanning Microscopy Time-Lapse Imaging of Cell Behavior. Microscopy and Microanalysis, 2013, 19, 596-607.	0.4	4
53	Conservative approach of a symptomatic carious immature permanent tooth using a tricalcium silicate cement (Biodentine): a case report. Restorative Dentistry & Endodontics, 2013, 38, 258.	1.5	35
54	In Vivo Evaluation of Immediately Loaded Stainless Steel and Titanium Orthodontic Screws in a Growing Bone. PLoS ONE, 2013, 8, e76223.	2.5	8

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55	Functionalization of Titanium with Chitosan via Silanation: Evaluation of Biological and Mechanical Performances. PLoS ONE, 2012, 7, e39367.	2.5	54
56	PEM Anchorage on Titanium Using Catechol Grafting. PLoS ONE, 2012, 7, e50326.	2.5	4
57	Impedance methodology: A new way to characterize the setting reaction of dental cements. Dental Materials, 2010, 26, 1127-1132.	3.5	47
58	A representative ex-situ fretting wear investigation of orthodontic arch-wire/bracket contacts. Wear, 2009, 266, 850-858.	3.1	16
59	Biological behaviour of buccal cells exposed to blue light. Materials Science and Engineering C, 2008, 28, 805-810.	7.3	7
60	Tongue pressure recordings during speech using complete denture. Materials Science and Engineering C, 2008, 28, 835-841.	7.3	9
61	Biomaterial surface properties modulate in vitro rat calvaria osteoblasts response: Roughness and or chemistry?. Materials Science and Engineering C, 2008, 28, 990-1001.	7.3	70
62	Influence of light energy and power density on the microhardness of two nanohybrid composites. European Journal of Oral Sciences, 2008, 116, 77-82.	1.5	23
63	Cytotoxicity of polyethyleneimine (PEI), precursor base layer of polyelectrolyte multilayer films. Biomaterials, 2007, 28, 632-640.	11.4	184
64	Corrosion resistance measurements of dental alloys, are they correlated?. Dental Materials, 2007, 23, 679-687.	3.5	38
65	Review of in vitro studies on the biocompatibility of NiTi alloys. International Journal of Applied Electromagnetics and Mechanics, 2006, 23, 147-151.	0.6	15
66	Influence of casting procedures on the corrosion resistance of clinical dental alloys containing palladium†. Acta Biomaterialia, 2006, 2, 321-330.	8.3	28
67	Combination fixed and removable prostheses using a CoCr alloy: A clinical report. Journal of Prosthetic Dentistry, 2006, 96, 100-103.	2.8	32
68	Corrosion resistance of cobalt-chromium and palladium-silver alloys used in fixed prosthetic restorations. European Journal of Oral Sciences, 2005, 113, 90-95.	1.5	65
69	Corrosion resistance and biocompatibility of a new porous surface for titanium implants. European Journal of Oral Sciences, 2005, 113, 537-545.	1.5	40
70	Corrosion resistance of three orthodontic brackets: a comparative study of three fluoride mouthwashes. European Journal of Orthodontics, 2005, 27, 541-549.	2.4	65
71	Galvanic corrosion between orthodontic wires and brackets in fluoride mouthwashes. European Journal of Orthodontics, 2005, 28, 298-304.	2.4	80
72	Influence of fluoridated mouthwashes on corrosion resistance of orthodontics wires. Biomaterials, 2004, 25, 4535-4542.	11.4	124

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73	Influence of fluoride content and pH on the corrosion resistance of titanium and its alloys. Biomaterials, 2002, 23, 1995-2002.	11.4	311
74	Comparison of corrosion behaviour in presence of oral bacteria. Biomaterials, 2001, 22, 2273-2282.	11.4	43
75	Measurement and evaluation of galvanic corrosion between titanium/Ti6Al4V implants and dental alloys by electrochemical techniques and auger spectrometry. Biomaterials, 1999, 20, 933-941.	11.4	116