Burrow Mf

List of Publications by Year
in descending order

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89	2,548	304743 22	214800 47
papers	citations	h-index	g-index

90	90	90	2396
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinical assessment of resin-coating technique applied to exposed dentin after crown preparation. Dental Materials Journal, 2022, , .	1.8	1
2	Effect of <scp>CPPâ€ACP</scp> modifiedâ€•<scp>GIC</scp> on prevention of demineralization in comparison to other fluorideâ€containing restorative materials. Australian Dental Journal, 2022, , .	1.5	3
3	Evaluation of 12-hour in situ bacterial colonization on smooth restorative material surfaces. Journal of Dentistry, 2022, 119, 104071.	4.1	3
4	Remineralising effects of fluoride varnishes containing calcium phosphate on artificial root caries lesions with adjunctive application of proanthocyanidin. Dental Materials, 2021, 37, 143-157.	3.5	6
5	Effects of a surface prereacted glassâ€“ionomer filler coating material on biofilm formation and inhibition of dentin demineralization. Clinical Oral Investigations, 2021, 25, 683-690.	3.0	11
6	The effect of different light curing units on Vickers microhardness and degree of conversion of flowable resin composites. Dental Materials Journal, 2021, 40, 44-51.	1.8	8
7	The biocompatibility of glass-fibre reinforced composites (GFRCs) â€“ a systematic review. Journal of Prosthodontic Research, 2021, 65, 273-283.	2.8	3
8	Operators matter â€“ An assessment of the expectations, perceptions, and performance of dentists, postgraduate students, and dental prosthetist students using intraoral scanning. Journal of Dentistry, 2021, 105, 103572.	4.1	7
9	The prevalence of non-carious cervical lesions (NCCLs) with or without erosive etiological factors among adults of different ages in Tokyo. Clinical Oral Investigations, 2021, 25, 6939-6947.	3.0	8
10	Potential use of silver diammine fluoride in detection of carious dentin. Dental Materials Journal, 2021, 40, 820-826.	1.8	7
11	A conceptual model for clinical psychomotor skill development in an era of simulated and virtual reality. European Journal of Dental Education, 2021, , .	2.0	1
12	Analysing Complex Oral Protein Samples: Complete Workflow and Case Analysis of Salivary Pellicles. Journal of Clinical Medicine, 2021, 10, 2801.	2.4	1
13	Using Proanthocyanidin as a Root Dentin Conditioner for GIC Restorations. Journal of Dental Research, 2021, 100, 1072-1080.	5.2	3
14	Fluoride-Releasing Self-Etch Adhesives Create Thick ABRZ at the Interface. BioMed Research International, 2021, 2021, 1-5.	1.9	6
15	Effect of repair systems on dentin bonding performance. Dental Materials Journal, 2021, 40, 903-910.	1.8	3
16	Comprehensive characterisation of flexural mechanical properties and a new classification for porosity of 11 contemporary ion-leaching dental restorative materials. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 121, 104615.	3.1	6
17	Evaluation of bonding performance and multi-ion release of S-PRG fillercontaining self-adhesive resin composite. Dental Materials Journal, 2021, 40, 1257-1263.	1.8	3
18	A systematic review of the proteomic profile of in vivo acquired enamel pellicle on permanent teeth. Journal of Dentistry, 2021, 113, 103799.	4.1	3

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19	The biocompatibility of glass-fibre reinforced composites (GFRCs) â€“ a systematic review. Journal of Prosthodontic Research, 2021, 65, 273-283.	2.8	4
20	Evaluation of F, Ca, and P release and microhardness of eleven ion-leaching restorative materials and the recharge efficacy using a new Ca/P containing fluoride varnish. Journal of Dentistry, 2020, 102, 103474.	4.1	32
21	3D imaging of proximal caries in posterior teeth using optical coherence tomography. Scientific Reports, 2020, 10, 15754.	3.3	22
22	Effects of mechanical abrasion challenge on sound and demineralized dentin surfaces treated with SDF. Scientific Reports, 2020, 10, 19884.	3.3	10
23	Recharge and increase in hardness of GIC with CPP-ACP/F. Dental Materials, 2020, 36, 1608-1614.	3.5	4
24	Biomechanical and biological evaluations of novel BPA-free fibre-reinforced composites for biomedical applications. Materials Science and Engineering C, 2020, 117, 111309.	7.3	6
25	Effect of silver-containing agents on the ultra-structural morphology of dentinal collagen. Dental Materials, 2020, 36, 936-944.	3.5	23
26	Physical Properties of Nanohybrid and Microhybrid Resin Composites Subjected to an Acidic Environment: A Laboratory Study. Operative Dentistry, 2020, 45, E105-E113.	1.2	10
27	Effect of silver diammine fluoride application on dentin bonding performance. Dental Materials Journal, 2020, 39, 407-414.	1.8	16
28	In Vitro Salivary Protein Adsorption Profile on Titanium and Ceramic Surfaces and the Corresponding Putative Immunological Implications. International Journal of Molecular Sciences, 2020, 21, 3083.	4.1	8
29	The concept of super enamel formation â€”Relationship between chemical interaction and enamel acid-base resistant zone at the self-etch adhesive/enamel interface. Dental Materials Journal, 2020, 39, 534-538.	1.8	13
30	Effect of two bleaching regimens on enamel bonding performance. Dental Materials Journal, 2020, 39, 984-991.	1.8	4
31	Enhancement of dentin bond strength of resin cement using new resin coating materials. Dental Materials Journal, 2019, 38, 955-962.	1.8	13
32	Inhibitory effect of zinc-containing desensitizer on bacterial biofilm formation and root dentin demineralization. Dental Materials Journal, 2019, 38, 940-946.	1.8	21
33	The effect of curing mode of a high-power LED unit on bond strengths of dualcure resin cements to dentin and CAD/CAM resin blocks. Dental Materials Journal, 2019, 38, 947-954.	1.8	6
34	Carious lesion management in children and adolescents by Australian dentists. Australian Dental Journal, 2019, 64, 282-292.	1.5	5
35	When to intervene in the caries process? An expert Delphi consensus statement. Clinical Oral Investigations, 2019, 23, 3691-3703.	3.0	105
36	Evaluation of in vitro Streptococcus mutans and Actinomyces naeslundii attachment and growth on restorative materials surfaces. Australian Dental Journal, 2019, 64, 365-375.	1.5	4

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37	Morphological and elemental analysis of silver penetration into sound/demineralized dentin after SDF application. Dental Materials, 2019, 35, 1718-1727.	3.5	24
38	Fracture resistance, gap and void formation in rootâ€filled mandibular molars restored with bulkâ€fill resin composites and glassâ€ionomer cement base. Journal of Investigative and Clinical Dentistry, 2019, 10, e12435.	1.8	4
39	Effect of etching with potassium hydrogen difluoride and ammonium hydrogen difluoride on bonding of a tri-n-butylborane initiated resin to zirconia. Dental Materials Journal, 2019, 38, 540-546.	1.8	8
40	Adhesion durability of dual-cure resin cements and acidâ€“base resistant zone formation on human dentin. Dental Materials, 2019, 35, 945-952.	3.5	16
41	Effect of fluoride mouthrinse and fluoride concentration on bonding of a one-step self-etch adhesive to bovine root dentin. Journal of Oral Science, 2019, 61, 125-132.	1.7	4
42	Effects of silver diamine fluoride/potassium iodide on artificial root caries lesions with adjunctive application of proanthocyanidin. Acta Biomaterialia, 2019, 88, 491-502.	8.3	17
43	Early bond strengths of 4-META/MMA-TBB resin cements to CAD/CAM resin composite. Dental Materials Journal, 2019, 38, 28-32.	1.8	16
44	Performance and perception of dental students using three intraoral CAD/CAM scanners for full-arch scanning. Journal of Prosthodontic Research, 2019, 63, 167-172.	2.8	14
45	Evaluation of discoloration of sound/demineralized root dentin with silver diamine fluoride: In-vitro study. Dental Materials Journal, 2019, 38, 143-149.	1.8	29
46	Effect of dentin contamination with two hemostatic agents on bond strength of resin-modified glass ionomer cement with different conditioning. Dental Materials Journal, 2019, 38, 257-263.	1.8	15
47	Effect on the mechanical properties of human and bovine dentine of intracanal medicaments and irrigants. Australian Dental Journal, 2019, 64, 35-42.	1.5	16
48	Status and progress of treatment methods for root caries in the last decade: a literature review. Australian Dental Journal, 2018, 63, 34-54.	1.5	18
49	Comparison of ART and conventional techniques on clinical performance of glass-ionomer cement restorations in load bearing areas of permanent and primary dentitions: A systematic review. Journal of Dentistry, 2018, 78, 1-21.	4.1	28
50	Effect of the demineralisation efficacy of MDP utilized on the bonding performance of MDP-based all-in-one adhesives. Journal of Dentistry, 2018, 77, 59-65.	4.1	16
51	Effect of Glutathione Bio-Molecule on Tooth Discoloration Associated with Silver Diammine Fluoride. International Journal of Molecular Sciences, 2018, 19, 1322.	4.1	25
52	A survey of Australian prosthodontists: the use of posts in endodontically treated teeth. Australian Dental Journal, 2018, 63, 294-301.	1.5	4
53	Nanofilled Resin Composite Properties and Clinical Performance: A Review. Operative Dentistry, 2018, 43, E173-E190.	1.2	87
54	Evaluation of MDP and NaF in Two-step Self-etch Adhesives on Enamel Microshear Bond Strength and Morphology of the Adhesive-Enamel Interface. Journal of Adhesive Dentistry, 2018, 20, 527-534.	0.5	5

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55	Prevention of secondary caries using silver diamine fluoride treatment and casein phosphopeptide-amorphous calcium phosphate modified glass-ionomer cement. Journal of Dentistry, 2017, 57, 38-44.	4.1	53
56	Aspects of adhesion tests on resinâ€“glass ceramic bonding. Dental Materials, 2017, 33, 1045-1055.	3.5	30
57	Comparison between published clinical success of direct resin composite restorations in vital posterior teeth in 1995â€“2005 and 2006â€“2016 periods. Australian Dental Journal, 2017, 62, 132-145.	1.5	73
58	Shear Bond Strength and Remineralisation Effect of a Casein Phosphopeptide-Amorphous Calcium Phosphate-Modified Glass Ionomer Cement on Artificial â€œCaries-Affectedâ€•Dentine. International Journal of Molecular Sciences, 2017, 18, 1723.	4.1	11
59	Getting to the Root of Fine Motor Skill Performance in Dentistry: Brain Activity During Dental Tasks in a Virtual Reality Haptic Simulation. Journal of Medical Internet Research, 2017, 19, e371.	4.3	19
60	Effect of flavonoids on remineralization of artificial root caries. Australian Dental Journal, 2016, 61, 196-202.	1.5	15
61	Evaluation of adhesion of a CPPâ€“ACP modified GIC to enamel, sound dentine, and caries-affected dentine. International Journal of Adhesion and Adhesives, 2016, 66, 176-181.	2.9	6
62	A Review of the Use of Simulation in Dental Education. Simulation in Healthcare, 2015, 10, 31-37.	1.2	148
63	Effect of home bleaching on the mechanical properties of resin luting cements using <scp>H</scp>ertzian indentation test. Journal of Investigative and Clinical Dentistry, 2015, 6, 234-239.	1.8	4
64	Synergistic effect of proanthocyanidin and CPP-ACFP on remineralization of artificial root caries. Australian Dental Journal, 2015, 60, 463-470.	1.5	21
65	Viability of Intratubular Bacteria after Chemomechanical Caries Removal. Journal of Endodontics, 2014, 40, 1972-1976.	3.1	19
66	Evaluation of a new test method to determine the failure mode and macro-shear bond strength of dental materials to metals. Journal of Adhesion Science and Technology, 2014, 28, 881-892.	2.6	7
67	Effect of dentine conditioning on adhesion of resinâ€modified glass ionomer adhesives. Australian Dental Journal, 2014, 59, 193-200.	1.5	30
68	Aspects of bonding between resin luting cements and glass ceramic materials. Dental Materials, 2014, 30, e147-e162.	3.5	215
69	Chemical, morphological and microhardness changes of dentine after chemomechanical caries removal. Australian Dental Journal, 2013, 58, 283-292.	1.5	43
70	The inhibitory effect of proanthocyanidin on soluble and collagen-bound proteases. Journal of Dentistry, 2013, 41, 832-839.	4.1	72
71	Ion release and physical properties of CPPâ€“ACP modified GIC in acid solutions. Journal of Dentistry, 2013, 41, 449-454.	4.1	34
72	Effect of G-Coat Plus on the mechanical properties of glass-ionomer cements. Australian Dental Journal, 2013, 58, 448-453.	1.5	28

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73	Clinical investigation of Gâ€Bond resinâ€based adhesive to nonâ€carious cervical lesions over five years. Australian Dental Journal, 2012, 57, 458-463.	1.5	7
74	Cure mechanisms in materials for use in esthetic dentistry. Journal of Investigative and Clinical Dentistry, 2012, 3, 3-16.	1.8	83
75	Comparison of two all-in-one adhesives bonded to non-carious cervical lesionsâ€"results at 3Âyears. Clinical Oral Investigations, 2012, 16, 1089-1094.	3.0	25
76	Effect of storage media and time on the fracture toughness of resinâ€based luting cements. Australian Dental Journal, 2012, 57, 349-354.	1.5	12
77	Relationship between composite fracture toughness and bond strengths to enamel and dentine. Australian Dental Journal, 2012, 57, 319-324.	1.5	4
78	Posterior resin composite restorations with or without resinâ€modified, glassâ€ionomer cement lining: a 1â€year randomized, clinical trial. Journal of Investigative and Clinical Dentistry, 2011, 2, 63-69.	1.8	16
79	Clinical evaluation of nonâ€carious cervical lesion restorations using a HEMAâ€free adhesive: threeâ€year results. Australian Dental Journal, 2011, 56, 401-405.	1.5	5
80	The incorporation of casein phosphopeptideâ€"amorphous calcium phosphate into a glass ionomer cement. Dental Materials, 2011, 27, 235-243.	3.5	63
81	The clinical application of surface pH measurements to longitudinally assess white spot enamel lesions. Journal of Dentistry, 2010, 38, 584-590.	4.1	22
82	Validation of swept-source optical coherence tomography (SS-OCT) for the diagnosis of occlusal caries. Journal of Dentistry, 2010, 38, 655-665.	4.1	146
83	New Approaches to Enhanced Remineralization of Tooth Enamel. Journal of Dental Research, 2010, 89, 1187-1197.	5.2	459
84	A simplified quantitative testâ€"adapted Checkbuf testâ€"for resting saliva buffering capacity compared with a standard test. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, 551-556.	1.4	4
85	A technique using resin composite with orthodontic wire to replace a missing tooth rapidly. Dental Traumatology, 2008, 24, 127-130.	2.0	1
86	Erratum to â€œThe effect of oxalic acid incorporation on the setting time and strength of a glass-ionomer cementâ€•[Acta Biomaterialia 2 (1) (2006) 109â€“112]. Acta Biomaterialia, 2006, 2, 363.	8.3	0
87	Raman spectroscopic study of noncarious cervical lesions. Odontology / the Society of the Nippon Dental University, 2005, 93, 35-40.	1.9	9
88	Incorporation of Casein Phosphopeptide-Amorphous Calcium Phosphate into a Glass-ionomer Cement. Journal of Dental Research, 2003, 82, 914-918.	5.2	97
89	Effect of Resin-Coating Technique on Dentin Tensile Bond Strengths over 3 Years. Journal of Esthetic and Restorative Dentistry, 2002, 14, 115-122.	3.8	32