

Domenick T Zero

List of Publications by Year in descending order

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63
papers

4,232
citations

172457

29
h-index

114465

63
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64
all docs

64
docs citations

64
times ranked

3664
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 and Saliva: A Primer for Dental Health Care Professionals. International Dental Journal, 2021, 71, 5-8.	2.6	8
2	Three-Dimensional Surface Texture Characterization of In Situ Simulated Erosive Tooth Wear. Journal of Dental Research, 2021, 100, 1236-1242.	5.2	3
3	<scp>Crossâ€polarization</scp> optical coherence tomographic assessment of in situ simulated erosive tooth wear. Journal of Biophotonics, 2021, 14, e202100090.	2.3	4
4	Ferumoxytol Nanoparticles Target Biofilms Causing Tooth Decay in the Human Mouth. Nano Letters, 2021, 21, 9442-9449.	9.1	42
5	How to Intervene in the Caries Process in Older Adults: A Joint ORCA and EFCD Expert Delphi Consensus Statement. Caries Research, 2020, 54, 459-465.	2.0	24
6	How to Intervene in the Caries Process in Children: A Joint ORCA and EFCD Expert Delphi Consensus Statement. Caries Research, 2020, 54, 297-305.	2.0	59
7	In situ efficacy of an experimental toothpaste on enamel rehardening and prevention of demineralisation: a randomised, controlled trial. BMC Oral Health, 2020, 20, 118.	2.3	10
8	Secondary caries: what is it, and how it can be controlled, detected, and managed?. Clinical Oral Investigations, 2020, 24, 1869-1876.	3.0	81
9	European Organization for Caries Research Workshop: Methodology for Determination of Potentially Available Fluoride in Toothpastes. Caries Research, 2019, 53, 119-136.	2.0	19
10	Nonrestorative Treatments for Caries: Systematic Review and Network Meta-analysis. Journal of Dental Research, 2019, 98, 14-26.	5.2	147
11	Effects of a sodium fluoride- and phytate-containing dentifrice on remineralisation of enamel erosive lesionsâ€”an in situ randomised clinical study. Clinical Oral Investigations, 2018, 22, 2543-2552.	3.0	13
12	A randomised clinical evaluation of a fluoride mouthrinse and dentifrice in an in situ caries model. Journal of Dentistry, 2018, 70, 59-66.	4.1	14
13	A Randomized in situ Clinical Study of Fluoride Dentifrices on Enamel Remineralization and Resistance to Demineralization: Effects of Zinc. Caries Research, 2018, 52, 129-138.	2.0	14
14	Effect of phytate and zinc ions on fluoride toothpaste efficacy using an in situ caries model. Journal of Dentistry, 2018, 73, 24-31.	4.1	8
15	Evidence-based clinical practice guideline on nonrestorative treatments for carious lesions. Journal of the American Dental Association, 2018, 149, 837-849.e19.	1.5	182
16	Topical ferumoxytol nanoparticles disrupt biofilms and prevent tooth decay in vivo via intrinsic catalytic activity. Nature Communications, 2018, 9, 2920.	12.8	129
17	In situ anticaries efficacy of dentifrices with different formulations â€” A pooled analysis of results from three randomized clinical trials. Journal of Dentistry, 2018, 77, 93-105.	4.1	4
18	Objective and quantitative assessment of caries lesion activity. Journal of Dentistry, 2018, 78, 76-82.	4.1	10

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19	Impact of dentifrice abrasivity and remineralization time on erosive tooth wear in vitro. American Journal of Dentistry, 2018, 31, 29-33.	0.1	7
20	Pilot clinical study to assess caries lesion activity using quantitative light-induced fluorescence during dehydration. Journal of Biomedical Optics, 2017, 22, 035005.	2.6	28
21	Biofilm three-dimensional architecture influences in situ pH distribution pattern on the human enamel surface. International Journal of Oral Science, 2017, 9, 74-79.	8.6	59
22	Dental caries. Nature Reviews Disease Primers, 2017, 3, 17030.	30.5	958
23	Anticaries Potential of a Sodium Monofluorophosphate Dentifrice Containing Calcium Sodium Phosphosilicate: Exploratory in situ Randomized Trial. Caries Research, 2017, 51, 170-178.	2.0	5
24	Effect of toothbrushing duration and dentifrice quantity on enamel remineralisation: An in situ randomized clinical trial. Journal of Dentistry, 2016, 55, 61-67.	4.1	12
25	Erosion Remineralization Efficacy of Gel-to-Foam Fluoride Toothpastes in situ: A Randomized Clinical Trial. Caries Research, 2016, 50, 62-70.	2.0	9
26	Anti-erosive properties of solutions containing fluoride and different film-forming agents. Journal of Dentistry, 2015, 43, 458-465.	4.1	40
27	In vitro Detection of Occlusal Caries on Permanent Teeth by a Visual, Light-Induced Fluorescence and Photothermal Radiometry and Modulated Luminescence Methods. Caries Research, 2015, 49, 523-530.	2.0	21
28	Dose-response effect of fluoride dentifrice on remineralisation and further demineralisation of erosive lesions: A randomised in situ clinical study. Journal of Dentistry, 2015, 43, 823-831.	4.1	15
29	Enamel Carious Lesion Development in Response to Sucrose and Fluoride Concentrations and to Time of Biofilm Formation: An Artificial-Mouth Study. Journal of Oral Diseases, 2014, 2014, 1-8.	0.7	6
30	Novel in situ longitudinal model for the study of dentifrices on dental erosion-abrasion. European Journal of Oral Sciences, 2014, 122, 161-167.	1.5	19
31	Monitoring of Sound and Carious Surfaces under Sealants over 44 Months. Journal of Dental Research, 2014, 93, 1070-1075.	5.2	63
32	Remineralisation effect of a dual-phase calcium silicate/phosphate gel combined with calcium silicate/phosphate toothpaste on acid-challenged enamel in situ. Journal of Dentistry, 2014, 42, S53-S59.	4.1	29
33	Laboratory investigations into the potential anticaries efficacy of fluoride varnishes. Pediatric Dentistry (discontinued), 2014, 36, 291-5.	0.4	7
34	Longitudinal Analyses of Early Lesions by Fluorescence. Journal of Dental Research, 2013, 92, S84-S89.	5.2	20
35	Foreword. International Dental Journal, 2013, 63, 1-2.	2.6	1
36	A randomised clinical study to evaluate experimental children's toothpastes in an in-situ palatal caries model in children aged 11-14 years. International Dental Journal, 2013, 63, 31-38.	2.6	1

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37	How the introduction of the acid-etch technique revolutionized dental practice. Journal of the American Dental Association, 2013, 144, 990-994.	1.5	11
38	How the introduction of the acid-etch technique revolutionized dental practice. Journal of the American Dental Association, 2013, 144, 47S-51S.	1.5	5
39	The Natural History of Dental Caries Lesions. Journal of Dental Research, 2012, 91, 841-846.	5.2	102
40	Remineralization Models. Advances in Dental Research, 2012, 24, 129-132.	3.6	20
41	Development of Gold Standard Ion-Selective Electrode-Based Methods for Fluoride Analysis. Caries Research, 2011, 45, 3-12.	2.0	114
42	Dental Caries and Pulpal Disease. Dental Clinics of North America, 2011, 55, 29-46.	1.8	73
43	Identification of Caries Risk Factors in Toddlers. Journal of Dental Research, 2011, 90, 209-214.	5.2	58
44	In situ Fluoride Response of Caries Lesions with Different Mineral Distributions at Baseline. Caries Research, 2011, 45, 47-55.	2.0	45
45	Effect of a pulsed CO2 laser and fluoride on the prevention of enamel and dentine erosion. Archives of Oral Biology, 2010, 55, 127-133.	1.8	67
46	Use of ICDAS Combined with Quantitative Light-Induced Fluorescence as a Caries Detection Method. Caries Research, 2010, 44, 317-322.	2.0	66
47	Preliminary Study to Establish a Relationship between Tactile Sensation and Surface Roughness. Caries Research, 2010, 44, 24-28.	2.0	17
48	The Effect of Brushing Time and Dentifrice Quantity on Fluoride Delivery in vivo and Enamel Surface Microhardness in situ. Caries Research, 2010, 44, 90-100.	2.0	58
49	The Biology, Prevention, Diagnosis and Treatment of Dental Caries. Journal of the American Dental Association, 2009, 140, 25S-34S.	1.5	126
50	Influence of Fluoride Availability of Dentifrices on Eroded Enamel Remineralization in situ. Caries Research, 2009, 43, 57-63.	2.0	53
51	Interplay between fluoride and abrasivity of dentifrices on dental erosion—abrasion. Journal of Dentistry, 2009, 37, 781-785.	4.1	60
52	The Effectiveness of Sealants in Managing Caries Lesions. Journal of Dental Research, 2008, 87, 169-174.	5.2	274
53	Are sugar substitutes also anticariogenic?. Journal of the American Dental Association, 2008, 139, 9S-10S.	1.5	8
54	Bridging the Gap in Caries Management Between Research and Practice Through Education: The Indiana University Experience. Journal of Dental Education, 2007, 71, 579-591.	1.2	28

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55	Diagnostic tools for early caries detection. Journal of the American Dental Association, 2006, 137, 1675-1684.	1.5	123
56	Dentifrices, mouthwashes, and remineralization/caries arrestment strategies. BMC Oral Health, 2006, 6, S9.	2.3	161
57	Ability of quantitative light-induced fluorescence (QLF) to assess the activity of white spot lesions during dehydration. American Journal of Dentistry, 2006, 19, 15-8.	0.1	23
58	Erosion " chemical and biological factors of importance to the dental practitioner. International Dental Journal, 2005, 55, 285-290.	2.6	175
59	The remineralizing effect of an essential oil fluoride mouthrinse in an intraoral caries test. Journal of the American Dental Association, 2004, 135, 231-237.	1.5	27
60	In Situ Caries Models. Advances in Dental Research, 1995, 9, 214-230.	3.6	210
61	An in sita Model for Simultaneous Assessment of Inhibition of Demineralization and Enhancement of Remineralization. Journal of Dental Research, 1992, 71, 804-810.	5.2	82
62	An Improved Intra-oral Enamel Demineralization Test Model for the Study of Dental Caries. Journal of Dental Research, 1992, 71, 871-878.	5.2	58
63	Comparison of the Iodide Permeability Test, the Surface Microhardness Test, and Mineral Dissolution of Bovine Enamel following Acid Challenge. Caries Research, 1990, 24, 181-188.	2.0	89