

Nathaniel C Lawson

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,658
citations

361045

20
h-index

288905

40
g-index

44
all docs

44
docs citations

44
times ranked

1630
citing authors

#	ARTICLE	IF	CITATIONS
1	Wear, strength, modulus and hardness of CAD/CAM restorative materials. <i>Dental Materials</i> , 2016, 32, e275-e283.	1.6	244
2	Comparison of the mechanical properties of translucent zirconia and lithium disilicate. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 132-137.	1.1	175
3	Wear of enamel opposing zirconia and lithium disilicate after adjustment, polishing and glazing. <i>Journal of Dentistry</i> , 2014, 42, 1586-1591.	1.7	142
4	Two-year clinical trial of a universal adhesive in total-etch and self-etch mode in non-carious cervical lesions. <i>Journal of Dentistry</i> , 2015, 43, 1229-1234.	1.7	109
5	Dentist material selection for single-unit crowns: Findings from the National Dental Practice-Based Research Network. <i>Journal of Dentistry</i> , 2016, 55, 40-47.	1.7	101
6	Machinability of CAD-CAM materials. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 194-199.	1.1	87
7	Effect of grain size on the monoclinic transformation, hardness, roughness, and modulus of aged partially stabilized zirconia. <i>Dental Materials</i> , 2015, 31, 1487-1492.	1.6	83
8	Influence of particle abrasion or hydrofluoric acid etching on lithium disilicate flexural strength. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 1164-1170.	1.1	56
9	Strength and translucency of zirconia after high-speed sintering. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 219-225.	1.8	55
10	Effect of Surface Treatment and Cement on Fracture Load of Traditional Zirconia (3Y), Translucent Zirconia (5Y), and Lithium Disilicate Crowns. <i>Journal of Prosthodontics</i> , 2019, 28, 659-665.	1.7	50
11	Fracture load of ceramic restorations after fatigue loading. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 266-271.	1.1	48
12	Gloss and Stain Resistance of Ceramic-Polymer CAD/CAM Restorative Blocks. <i>Journal of Esthetic and Restorative Dentistry</i> , 2016, 28, S40-5.	1.8	45
13	Factors influencing the progression of noncarious cervical lesions: A 5-year prospective clinical evaluation. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 571-577.	1.1	43
14	Cleaning Methods for Zirconia Following Salivary Contamination. <i>Journal of Prosthodontics</i> , 2016, 25, 375-379.	1.7	42
15	A 2-year Retrospective Clinical study of Enamic Crowns Performed in a Private Practice Setting. <i>Journal of Esthetic and Restorative Dentistry</i> , 2016, 28, 231-237.	1.8	32
16	An analysis of the physiologic parameters of intraoral wear: a review. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 404007.	1.3	30
17	Wear of nanofilled dental composites at varying filler concentrations. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 424-429.	1.6	30
18	Evaluation of Different Polishing Systems and Speeds for Dental Zirconia. <i>Journal of Prosthodontics</i> , 2017, 26, 410-418.	1.7	26

#	ARTICLE	IF	CITATIONS
19	Tear Strength of Five Elastomeric Impression Materials at Two Setting Times and Two Tearing Rates. Journal of Esthetic and Restorative Dentistry, 2008, 20, 186-193.	1.8	22
20	Phase transformation of dental zirconia following artificial aging. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1519-1523.	1.6	22
21	Contact angle of unset elastomeric impression materials. Journal of Prosthetic Dentistry, 2015, 114, 536-542.	1.1	19
22	Probing the hierarchy of evidence to identify the best strategy for placing class II dental composite restorations using current materials. Journal of Esthetic and Restorative Dentistry, 2021, 33, 39-50.	1.8	19
23	General Dentists' Use of Isolation Techniques during Root Canal Treatment: From the National Dental Practice-based Research Network. Journal of Endodontics, 2015, 41, 1219-1225.	1.4	17
24	Crown retention and flexural strength of eight provisional cements. Journal of Prosthetic Dentistry, 2007, 98, 455-460.	1.1	16
25	Wear of resin teeth opposing zirconia. Journal of Prosthetic Dentistry, 2020, 124, 488-493.	1.1	16
26	New High-Translucent Cubic-Phase-Containing Zirconia: Clinical and Laboratory Considerations and the Effect of Air Abrasion on Strength. Compendium of Continuing Education in Dentistry (jamesburg.) Tj ETQq0 0.0.rgBT /Overlock 10	0.7	16
27	Tensile elastic recovery of elastomeric impression materials. Journal of Prosthetic Dentistry, 2008, 100, 29-33.	1.1	14
28	Zirconia restorations. Journal of the American Dental Association, 2021, 152, 80-81.e2.	0.7	14
29	Flow Profile of Regular and Fast-Setting Elastomeric Impression Materials Using a Shark Fin Testing Device. Journal of Esthetic and Restorative Dentistry, 2011, 23, 171-176.	1.8	13
30	U.S. Dental Schoolsâ€™ Preparation for the Integrated National Board Dental Examination. Journal of Dental Education, 2018, 82, 252-259.	0.7	12
31	Microleakage around Class V Composite Restorations after Ultrasonic Scaling and Sonic Toothbrushing around their Margin. Journal of Esthetic and Restorative Dentistry, 2017, 29, 41-48.	1.8	11
32	Microleakage around zirconia crown margins after ultrasonic scaling with selfâ€ adhesive resin or resin modified glass ionomer cement. Journal of Esthetic and Restorative Dentistry, 2018, 30, 73-80.	1.8	10
33	Choice of cement for single-unit crowns. Journal of the American Dental Association, 2019, 150, 522-530.	0.7	9
34	Cleaning Zirconia Surface Prior To Bonding: A Comparative Study of Different Methods and Solutions. Journal of Prosthodontics, 2022, 31, 239-244.	1.7	9
35	Color and Gloss of Nanoâ€ Filled Resinâ€ Modified Glass Ionomers and Resin Composites. Journal of Esthetic and Restorative Dentistry, 2015, 27, 293-299.	1.8	8
36	Retention of CAD/CAM resin composite crowns following different bonding protocols. American Journal of Dentistry, 2018, 31, 97-102.	0.1	4

#	ARTICLE	IF	CITATIONS
37	Bonding crowns and bridges with resin cement. Journal of the American Dental Association, 2020, 151, 796-797.e2.	0.7	2
38	Inhibition of root dentin demineralization by ion releasing cements. Journal of Esthetic and Restorative Dentistry, 2020, 32, 791-796.	1.8	2
39	Translucency, Stain Resistance, and Hardness of Composites Used for Invisalign Attachments. Journal of Clinical Orthodontics: JCO, 2016, 50, 170-6.	0.1	2
40	Clinical acceptance of single-unit crowns and its association with impression and tissue displacement techniques: Findings from the National Dental Practice-Based Research Network. Journal of Prosthetic Dentistry, 2020, 123, 701-709.	1.1	1
41	In vitro comparison of wear of three orthodontic bite materials and opposing enamel. International Orthodontics, 2021, 19, 494-499.	0.6	1
42	Fracture strength of zirconia and lithium disilicate restorations following endodontic access. Journal of Esthetic and Restorative Dentistry, 2022, 34, 534-540.	1.8	1
43	In vitro inhibition of demineralization from bioglass-containing adhesive and composite.. American Journal of Dentistry, 2021, 34, 333-337.	0.1	0
44	Preventing Porcelain Fractures During Endodontic Treatment.. Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995), 2022, 43, 222-224.	0.1	0