

Stephen C Bayne

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,981
citations

236925

25
h-index

118850

62
g-index

76
all docs

76
docs citations

76
times ranked

2857
citing authors

#	ARTICLE	IF	CITATIONS
1	Considerations in measurement of marginal fit. <i>Journal of Prosthetic Dentistry</i> , 1989, 62, 405-408.	2.8	546
2	A CHARACTERIZATION OF FIRST-GENERATION FLOWABLE COMPOSITES. <i>Journal of the American Dental Association</i> , 1998, 129, 567-577.	1.5	450
3	A review of adhesion science. <i>Dental Materials</i> , 2010, 26, e11-e16.	3.5	285
4	FDI World Dental Federation: clinical criteria for the evaluation of direct and indirect restorationsâ€”update and clinical examples. <i>Clinical Oral Investigations</i> , 2010, 14, 349-366.	3.0	262
5	Three-dimensional finite element analysis of stress-distribution around single tooth implants as a function of bony support, prosthesis type, and loading during function. <i>Journal of Prosthetic Dentistry</i> , 1996, 76, 633-640.	2.8	197
6	Update on dental composite restorations. <i>Journal of the American Dental Association</i> , 1994, 125, 687-701.	1.5	195
7	Examining Tooth Flexure Effects on Cervical Restorations: A Two-Year Clinical Study. <i>Journal of the American Dental Association</i> , 1991, 122, 41-47.	1.5	182
8	Quality of dental restorations FDI Commission Project 2â€™95. <i>International Dental Journal</i> , 2001, 51, 117-158.	2.6	150
9	FDI World Dental Federation - clinical criteria for the evaluation of direct and indirect restorations. Update and clinical examples. <i>Journal of Adhesive Dentistry</i> , 2010, 12, 259-72.	0.5	133
10	The Biology, Prevention, Diagnosis and Treatment of Dental Caries. <i>Journal of the American Dental Association</i> , 2009, 140, 25S-34S.	1.5	126
11	Reprinting the classic article on USPHS evaluation methods for measuring the clinical research performance of restorative materials. <i>Clinical Oral Investigations</i> , 2005, 9, 209-214.	3.0	106
12	Correlation of clinical performance with â€”in vitro testsâ€™™ of restorative dental materials that use polymer-based matrices. <i>Dental Materials</i> , 2012, 28, 52-71.	3.5	101
13	Packable Composites: Overview and Technical Considerations. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999, 11, 234-249.	3.8	100
14	Seventeenâ€™Year Clinical Study of Ultravioletâ€™Cured Posterior Composite Class I and II Restorations. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999, 11, 135-142.	3.8	91
15	Marginal fit of castable ceramic crowns. <i>Journal of Prosthetic Dentistry</i> , 1992, 67, 594-599.	2.8	89
16	Dental Biomaterials: Where Are We and Where Are We Going?. <i>Journal of Dental Education</i> , 2005, 69, 571-585.	1.2	86
17	Fracture Resistance of Yttriaâ€™Stabilized Zirconia Dental Implant Abutments. <i>Journal of Prosthodontics</i> , 2009, 18, 17-22.	3.7	86
18	Finite element analysis estimates of cement microfracture under complete veneer crowns. <i>Journal of Prosthetic Dentistry</i> , 1994, 71, 435-441.	2.8	74

#	ARTICLE	IF	CITATIONS
19	THE CLINICAL PERFORMANCE OF CAD-CAM-GENERATED CERAMIC INLAYS: A FOUR-YEAR STUDY. Journal of the American Dental Association, 1996, 127, 1171-1181.	1.5	67
20	Clinical evaluation of two one-bottle dentin adhesives at three years. Journal of the American Dental Association, 2001, 132, 1117-1123.	1.5	56
21	A 12-Year Clinical Evaluation of a Three-Step Dentin Adhesive in Noncarious Cervical Lesions. Journal of the American Dental Association, 2009, 140, 526-535.	1.5	54
22	Margin Gap Size of Ceramic Inlays Using Second-Generation CAD/CAM Equipment. Journal of Esthetic and Restorative Dentistry, 1999, 11, 206-214.	3.8	42
23	Two-Year Clinical Evaluation of Tooth Whitening Using an At-Home Bleaching System. Journal of Esthetic and Restorative Dentistry, 1999, 11, 36-42.	3.8	40
24	Twelve-month clinical study of dentinal adhesives in Class V cervical lesions. Journal of the American Dental Association, 1988, 116, 179-183.	1.5	39
25	Recommendations for conducting controlled clinical studies of dental restorative materials. Science Committee Project 2/98-FDI World Dental Federation study design (Part I) and criteria for evaluation (Part II) of direct and indirect restorations including onlays and partial crowns. Journal of Adhesive Dentistry, 2007, 9 Suppl 1, 121-47.	0.5	34
26	Dental biomaterials: where are we and where are we going?. Journal of Dental Education, 2005, 69, 571-85.	1.2	25
27	Porosity evaluation and pore size distribution of a novel directly placed ceramic restorative material. Dental Materials, 2004, 20, 987-995.	3.5	20
28	Dental Composites/Glass Ionomers: Clinical Reports. Advances in Dental Research, 1992, 6, 65-77.	3.6	19
29	Confirmation of Leinfelder clinical wear standards. Dental Materials, 1994, 10, 11-18.	3.5	19
30	Annual review of selected dental literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. Journal of Prosthetic Dentistry, 1999, 82, 27-66.	2.8	19
31	Predictions of cement microfracture under crowns using 3D-FEA. Journal of Prosthodontics, 2000, 9, 201-209.	3.7	19
32	SIX-MONTH CLINICAL EVALUATION OF A TOOTH WHITENING SYSTEM USING AN INNOVATIVE EXPERIMENTAL DESIGN. Journal of Esthetic and Restorative Dentistry, 1997, 9, 265-275.	3.8	18
33	Wear of a dental composite in an artificial oral environment: A clinical correlation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 2297-2306.	3.4	18
34	Framework for E-Learning Assessment in Dental Education: A Global Model for the Future. Journal of Dental Education, 2013, 77, 564-575.	1.2	17
35	Beginnings of the dental composite revolution. Journal of the American Dental Association, 2013, 144, 880-884.	1.5	16
36	Clinical influences on bone cement monomer release. Journal of Biomedical Materials Research Part B, 1977, 11, 859-869.	3.1	15

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37	Annual review of selected dental literature: Report of the committee on scientific investigation of the american academy of restorative dentistry. Journal of Prosthetic Dentistry, 1995, 74, 60-99.	2.8	15
38	Annual review of selected dental literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. Journal of Prosthetic Dentistry, 1993, 70, 44-85.	2.8	14
39	Annual review of selected dental literature. Journal of Prosthetic Dentistry, 1996, 76, 56-93.	2.8	13
40	Beginnings of the dental composite revolution. Journal of the American Dental Association, 2013, 144, 42S-46S.	1.5	10
41	Cyclic Loading Effect on Color Stability of Unshaded versus Shaded Zirconia. Journal of Esthetic and Restorative Dentistry, 2016, 28, 77-84.	3.8	10
42	Review of the 1993 dental materials literature. Dental Materials, 1994, 10, 59-76.	3.5	9
43	Annual review of selected dental literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. Journal of Prosthetic Dentistry, 2002, 88, 60-88.	2.8	9
44	Composition, phase analysis, biaxial flexural strength, and fatigue of unshaded versus shaded Procera zirconia ceramic. Journal of Prosthetic Dentistry, 2016, 116, 269-276.	2.8	9
45	Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. Journal of Prosthetic Dentistry, 1992, 68, 137-190.	2.8	8
46	Annual review of selected dental literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. Journal of Prosthetic Dentistry, 1994, 72, 39-77.	2.8	8
47	Review of the 1994 dental materials literature. Dental Materials, 1995, 11, 52-77.	3.5	8
48	Review of dental materials citations: Part A, January to June 1995. Dental Materials, 1995, 11, 281-293.	3.5	7
49	Annual review of selected dental literature: report of the committee on scientific investigation of the American academy of restorative dentistry. Journal of Prosthetic Dentistry, 2004, 92, 39-71.	2.8	7
50	Review of dental materials citations: Part B, July to December 1995. Dental Materials, 1996, 12, 127-141.	3.5	6
51	Scientific composition and review of manuscripts for publication in peer-reviewed dental journals. Journal of Prosthetic Dentistry, 2003, 89, 201-218.	2.8	6
52	Porcelain-fused-to-metal surface oxidation effects on cemented casting retention. Journal of Prosthetic Dentistry, 1987, 58, 677-686.	2.8	5
53	The academy of dental materials. Dental Materials, 1985, 1, 1-2.	3.5	4
54	Dental materials citations: Part A, January to June 1996. Dental Materials, 1996, 12, 272-286.	3.5	4

#	ARTICLE	IF	CITATIONS
55	EFFECT OF BLEACHING AND REPOLISHING PROCEDURES ON COFFEE AND TEA STAIN REMOVAL FROM THREE ANTERIOR COMPOSITE VENEERING MATERIALS. <i>Journal of Esthetic and Restorative Dentistry</i> , 2004, 16, 301-302.	3.8	4
56	Dental materials citations: Part B, July to December 1996. <i>Dental Materials</i> , 1997, 13, 128-142.	3.5	3
57	Annual review of selected dental literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. <i>Journal of Prosthetic Dentistry</i> , 1998, 80, 81-120.	2.8	3
58	ACCELERATED AGING EFFECTS ON COLOR AND TRANSLUCENCY OF BLEACHING-SHADE COMPOSITES. <i>Journal of Esthetic and Restorative Dentistry</i> , 2004, 16, 126-127.	3.8	3
59	COMMENTARY. <scp>effects of glass fiber layering on the flexural strength of microfill and hybrid composites</scp>. <i>Journal of Esthetic and Restorative Dentistry</i> , 2009, 21, 179-181.	3.8	3
60	DOES THE WEAR RESISTANCE OF PACKABLE COMPOSITE EQUAL THAT OF DENTAL AMALGAM?. <i>Journal of Esthetic and Restorative Dentistry</i> , 2004, 16, 365-367.	3.8	2
61	Why are the next steps in biomaterials research so difficult?. <i>Journal of Oral Rehabilitation</i> , 2006, 33, 631-633.	3.0	2
62	The Academy of Dental Materials: Providing roots and wings. <i>Dental Materials</i> , 2019, 35, e310-e316.	3.5	2
63	Evidence-based dentistry as it relates to dental materials. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ)</i> : 1995, 2014, 35, 18-24; quiz 25.	0.1	2
64	Annual review of selected dental literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. <i>Journal of Prosthetic Dentistry</i> , 1997, 78, 54-92.	2.8	1
65	Annual Review of Selected Dental Literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. <i>Journal of Prosthetic Dentistry</i> , 2000, 84, 59-92.	2.8	1
66	Predictions of cement microfracture under crowns using 3D-FEA. <i>Journal of Prosthodontics</i> , 2000, 9, 201-209.	3.7	1
67	Editorial: The path. <i>Dental Materials</i> , 1993, 9, 72.	3.5	0
68	Dental materials citations: Part A, January to June 1997. <i>Dental Materials</i> , 1997, 13, 270-285.	3.5	0
69	Tips for Authors. <i>Journal of Prosthodontics</i> , 2005, 14, 150-151.	3.7	0
70	CHANGES IN TRANSLUCENCY OF RESIN COMPOSITES AFTER STORAGE IN SALIVARY ESTERASE. <i>Journal of Esthetic and Restorative Dentistry</i> , 2005, 17, 299-302.	3.8	0
71	FLEXURAL STRENGTH AND MODULUS PROPERTIES OF CARBAMIDE PEROXIDE-TREATED BOVINE DENTIN. <i>Journal of Esthetic and Restorative Dentistry</i> , 2005, 17, 367-368.	3.8	0
72	COMMENTARY. hardness of three resin-modified glass-ionomer restorative materials as a function of depth and time. <i>Journal of Esthetic and Restorative Dentistry</i> , 2009, 21, 273-274.	3.8	0