

Stephen C Bayne

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

3,088
citations

25
h-index

55
g-index

76
ext. papers

3,501
ext. citations

3.5
avg, IF

4.81
L-index

#	Paper	IF	Citations
71	The Academy of Dental Materials: Providing roots and wings. <i>Dental Materials</i> , 2019 , 35, e310-e316	5.7	1
70	Composition, phase analysis, biaxial flexural strength, and fatigue of unshaded versus shaded Procera zirconia ceramic. <i>Journal of Prosthetic Dentistry</i> , 2016 , 116, 269-76	4	5
69	Cyclic Loading Effect on Color Stability of Unshaded versus Shaded Zirconia. <i>Journal of Esthetic and Restorative Dentistry</i> , 2016 , 28, 77-84	3.5	10
68	Evidence-based dentistry as it relates to dental materials. <i>Compendium of Continuing Education in Dentistry (Jamesburg, N J: 1995)</i> , 2014 , 35, 18-24; quiz 25	0.3	2
67	Framework for E-Learning Assessment in Dental Education: A Global Model for the Future. <i>Journal of Dental Education</i> , 2013 , 77, 564-575	1.6	9
66	Beginnings of the dental composite revolution. 1963. <i>Journal of the American Dental Association</i> , 2013 , 144 Spec No, 42S-46S	1.9	2
65	Beginnings of the dental composite revolution. <i>Journal of the American Dental Association</i> , 2013 , 144, 880-4	1.9	9
64	Correlation of clinical performance with in vitro tests of restorative dental materials that use polymer-based matrices. <i>Dental Materials</i> , 2012 , 28, 52-71	5.7	81
63	Wear of a dental composite in an artificial oral environment: A clinical correlation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 2297-306	3.5	16
62	FDI World Dental Federation: clinical criteria for the evaluation of direct and indirect restorations-update and clinical examples. <i>Clinical Oral Investigations</i> , 2010 , 14, 349-66	4.2	151
61	A review of adhesion science. <i>Dental Materials</i> , 2010 , 26, e11-6	5.7	201
60	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	3	93
59	The biology, prevention, diagnosis and treatment of dental caries: scientific advances in the United States. <i>Journal of the American Dental Association</i> , 2009 , 140 Suppl 1, 25S-34S	1.9	86
58	A 12-year clinical evaluation of a three-step dentin adhesive in noncarious cervical lesions. <i>Journal of the American Dental Association</i> , 2009 , 140, 526-35	1.9	44
57	COMMENTARY. effects of glass fiber layering on the flexural strength of microfill and hybrid composites. <i>Journal of Esthetic and Restorative Dentistry</i> , 2009 , 21, 179-181	3.5	3
56	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, 273-4	3.5	
55	Fracture resistance of yttria-stabilized zirconia dental implant abutments. <i>Journal of Prosthodontics</i> , 2009 , 18, 17-22	3.9	67

54	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. <i>Journal of Adhesive Dentistry</i> , 2007 , 9 Suppl 1, 121-47	3	32
53	Why are the next steps in biomaterials research so difficult?. <i>Journal of Oral Rehabilitation</i> , 2006 , 33, 631-3	3.4	2
52	Tips for Authors. <i>Journal of Prosthodontics</i> , 2005 , 14, 150-151	3.9	
51	CHANGES IN TRANSLUCENCY OF RESIN COMPOSITES AFTER STORAGE IN SALIVARY ESTERASE. <i>Journal of Esthetic and Restorative Dentistry</i> , 2005 , 17, 299-302	3.5	
50	FLEXURAL STRENGTH AND MODULUS PROPERTIES OF CARBAMIDE PEROXIDE-TREATED BOVINE DENTIN. <i>Journal of Esthetic and Restorative Dentistry</i> , 2005 , 17, 367-368	3.5	
49	Reprinting the classic article on USPHS evaluation methods for measuring the clinical research performance of restorative materials. <i>Clinical Oral Investigations</i> , 2005 , 9, 209-14	4.2	81
48	Dental Biomaterials: Where Are We and Where Are We Going?. <i>Journal of Dental Education</i> , 2005 , 69, 571-585	1.6	65
47	Dental biomaterials: where are we and where are we going?. <i>Journal of Dental Education</i> , 2005 , 69, 571-856		22
46	ACCELERATED AGING EFFECTS ON COLOR AND TRANSLUCENCY OF BLEACHING-SHADE COMPOSITES. <i>Journal of Esthetic and Restorative Dentistry</i> , 2004 , 16, 126-127	3.5	3
45	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	3.5	3
44	DOES THE WEAR RESISTANCE OF PACKABLE COMPOSITE EQUAL THAT OF DENTAL AMALGAM?. <i>Journal of Esthetic and Restorative Dentistry</i> , 2004 , 16, 365-367	3.5	2
43	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> , 2004 , 92, 39-71	4	7
42	Porosity evaluation and pore size distribution of a novel directly placed ceramic restorative material. <i>Dental Materials</i> , 2004 , 20, 987-95	5.7	19
41	Scientific composition and review of manuscripts for publication in peer-reviewed dental journals. <i>Journal of Prosthetic Dentistry</i> , 2003 , 89, 201-18	4	3
40	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> , 2002 , 88, 60-88	4	8
39	Quality of dental restorations. FDI Commission Project 2-95. <i>International Dental Journal</i> , 2001 , 51, 117-582		127
38	Clinical evaluation of two one-bottle dentin adhesives at three years. <i>Journal of the American Dental Association</i> , 2001 , 132, 1117-23	1.9	47
37	Predictions of cement microfracture under crowns using 3D-FEA. <i>Journal of Prosthodontics</i> , 2000 , 9, 201-39	3.9	14

36	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	4	1
35	Two-year clinical evaluation of tooth whitening using an at-home bleaching system. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999 , 11, 36-42	3.5	34
34	Seventeen-year clinical study of ultraviolet-cured posterior composite Class I and II restorations. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999 , 11, 135-42	3.5	79
33	Margin gap size of ceramic inlays using second-generation CAD/CAM equipment. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999 , 11, 206-14	3.5	39
32	Packable composites: overview and technical considerations. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999 , 11, 234-49	3.5	87
31	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> , 1999 , 82, 27-66	4	17
30	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	4	2
29	A characterization of first-generation flowable composites. <i>Journal of the American Dental Association</i> , 1998 , 129, 567-77	1.9	358
28	Six-month clinical evaluation of a tooth whitening system using an innovative experimental design. <i>Journal of Esthetic and Restorative Dentistry</i> , 1997 , 9, 265-74	3.5	18
27	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	4	1
26	Dental materials citations: Part B, July to December 1996. <i>Dental Materials</i> , 1997 , 13, 128-42	5.7	3
25	Dental materials citations: Part A, January to June 1997. <i>Dental Materials</i> , 1997 , 13, 270-85	5.7	
24	Dental materials citations: Part A, January to June 1996. <i>Dental Materials</i> , 1996 , 12, 272-86	5.7	4
23	Review of dental materials citations: Part B, July to December 1995. <i>Dental Materials</i> , 1996 , 12, 127-41	5.7	5
22	Annual review of selected dental literature. <i>Journal of Prosthetic Dentistry</i> , 1996 , 76, 56-93	4	11
21	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, 633-40	4	157
20	The clinical performance of CAD-CAM-generated ceramic inlays: a four-year study. <i>Journal of the American Dental Association</i> , 1996 , 127, 1171-81	1.9	58
19	Review of the 1994 dental materials literature. <i>Dental Materials</i> , 1995 , 11, 52-77	5.7	7

18	Review of dental materials citations: Part A, January to June 1995. <i>Dental Materials</i> , 1995 , 11, 281-93	5.7	6
17	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> , 1995 , 74, 60-99	4	14
16	Update on dental composite restorations. <i>Journal of the American Dental Association</i> , 1994 , 125, 687-701	1.9	148
15	Confirmation of Leinfelder clinical wear standards. <i>Dental Materials</i> , 1994 , 10, 11-8	5.7	18
14	Review of the 1993 dental materials literature. <i>Dental Materials</i> , 1994 , 10, 59-76	5.7	8
13	Finite element analysis estimates of cement microfracture under complete veneer crowns. <i>Journal of Prosthetic Dentistry</i> , 1994 , 71, 435-41	4	62
12	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> , 1994 , 72, 39-77	4	6
11	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> , 1993 , 70, 44-85	4	13
10	Dental composites/glass ionomers: clinical reports. <i>Advances in Dental Research</i> , 1992 , 6, 65-77	2.3	19
9	Marginal fit of castable ceramic crowns. <i>Journal of Prosthetic Dentistry</i> , 1992 , 67, 594-9	4	71
8	Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. <i>Journal of Prosthetic Dentistry</i> , 1992 , 68, 137-90	4	7
7	Examining tooth flexure effects on cervical restorations: a two-year clinical study. <i>Journal of the American Dental Association</i> , 1991 , 122, 41-7	1.9	143
6	Considerations in measurement of marginal fit. <i>Journal of Prosthetic Dentistry</i> , 1989 , 62, 405-8	4	419
5	Twelve-month clinical study of dentinal adhesives in class V cervical lesions. <i>Journal of the American Dental Association</i> , 1988 , 116, 179-83	1.9	33
4	Porcelain-fused-to-metal surface oxidation effects on cemented casting retention. <i>Journal of Prosthetic Dentistry</i> , 1987 , 58, 677-86	4	5
3	The academy of dental materials. <i>Dental Materials</i> , 1985 , 1, 1-2	5.7	3
2	Clinical influences on bone cement monomer release. <i>Journal of Biomedical Materials Research Part B</i> , 1977 , 11, 859-69		14
1	Biomaterials153-167		

