

Stephen C Bayne

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4885241/stephen-c-bayne-publications-by-citations.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Considerations in measurement of marginal fit. <i>Journal of Prosthetic Dentistry</i> , 1989 , 62, 405-8	4	419
70	A characterization of first-generation flowable composites. <i>Journal of the American Dental Association</i> , 1998 , 129, 567-77	1.9	358
69	A review of adhesion science. <i>Dental Materials</i> , 2010 , 26, e11-6	5.7	201
68	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
67	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
66	Update on dental composite restorations. <i>Journal of the American Dental Association</i> , 1994 , 125, 687-701	1.9	148
65	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
64	Quality of dental restorations. FDI Commission Project 2-95. <i>International Dental Journal</i> , 2001 , 51, 117-58	5.2	127
63	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
62	Packable composites: overview and technical considerations. <i>Journal of Esthetic and Restorative Dentistry</i> , 1999 , 11, 234-49	3.5	87
61	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
60	Correlation of clinical performance with <i>in vitro</i> tests of restorative dental materials that use polymer-based matrices. <i>Dental Materials</i> , 2012 , 28, 52-71	5.7	81
59	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
58	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
57	Marginal fit of castable ceramic crowns. <i>Journal of Prosthetic Dentistry</i> , 1992 , 67, 594-9	4	71
56	Fracture resistance of yttria-stabilized zirconia dental implant abutments. <i>Journal of Prosthodontics</i> , 2009 , 18, 17-22	3.9	67
55	Dental Biomaterials: Where Are We and Where Are We Going?. <i>Journal of Dental Education</i> , 2005 , 69, 571-585	1.6	65

54	Finite element analysis estimates of cement microfracture under complete veneer crowns. <i>Journal of Prosthetic Dentistry</i> , 1994 , 71, 435-41	4	62
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	Dental biomaterials: where are we and where are we going?. <i>Journal of Dental Education</i> , 2005 , 69, 571-856	8.5	22
45	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
44	Dental composites/glass ionomers: clinical reports. <i>Advances in Dental Research</i> , 1992 , 6, 65-77	2.3	19
43	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
42	Confirmation of Leinfelder clinical wear standards. <i>Dental Materials</i> , 1994 , 10, 11-8	5.7	18
41	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
40	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
39	Predictions of cement microfracture under crowns using 3D-FEA. <i>Journal of Prosthodontics</i> , 2000 , 9, 201-9	3.9	14
38	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
37	Clinical influences on bone cement monomer release. <i>Journal of Biomedical Materials Research Part B</i> , 1977 , 11, 859-69		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> , 1993 , 70, 44-85	4	13
35	Annual review of selected dental literature. <i>Journal of Prosthetic Dentistry</i> , 1996 , 76, 56-93	4	11
34	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
33	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
32	Beginnings of the dental composite revolution. <i>Journal of the American Dental Association</i> , 2013 , 144, 880-4	1.9	9
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> , 2002 , 88, 60-88	4	8
30	Review of the 1993 dental materials literature. <i>Dental Materials</i> , 1994 , 10, 59-76	5.7	8
29	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
28	Review of the 1994 dental materials literature. <i>Dental Materials</i> , 1995 , 11, 52-77	5.7	7
27	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
26	Review of dental materials citations: Part A, January to June 1995. <i>Dental Materials</i> , 1995 , 11, 281-93	5.7	6
25	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
24	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
23	Review of dental materials citations: Part B, July to December 1995. <i>Dental Materials</i> , 1996 , 12, 127-41	5.7	5
22	Porcelain-fused-to-metal surface oxidation effects on cemented casting retention. <i>Journal of Prosthetic Dentistry</i> , 1987 , 58, 677-86	4	5
21	Dental materials citations: Part A, January to June 1996. <i>Dental Materials</i> , 1996 , 12, 272-86	5.7	4
20	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
19	Dental materials citations: Part B, July to December 1996. <i>Dental Materials</i> , 1997 , 13, 128-42	5.7	3

18	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
17	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
16	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
15	The academy of dental materials. <i>Dental Materials</i> , 1985 , 1, 1-2	5.7	3
14	Beginnings of the dental composite revolution. 1963. <i>Journal of the American Dental Association</i> , 2013 , 144 Spec No, 42S-46S	1.9	2
13	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
12	Why are the next steps in biomaterials research so difficult?. <i>Journal of Oral Rehabilitation</i> , 2006 , 33, 631-3	3.4	2
11	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
10	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
9	The Academy of Dental Materials: Providing roots and wings. <i>Dental Materials</i> , 2019 , 35, e310-e316	5.7	1
8	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
7	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
6	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	
5	Dental materials citations: Part A, January to June 1997. <i>Dental Materials</i> , 1997 , 13, 270-85	5.7	
4	Tips for Authors. <i>Journal of Prosthodontics</i> , 2005 , 14, 150-151	3.9	
3	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	
2	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	
1	Biomaterials153-167		

