

Charles M Cobb

List of Publications by Year in descending order

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73
papers

3,680
citations

117625

34
h-index

155660

55
g-index

73
all docs

73
docs citations

73
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Surgical Pocket Therapy: Mechanical. , 1996, 1, 443-490.		469
2	Lasers in Periodontics: A Review of the Literature. Journal of Periodontology, 2006, 77, 545-564.	3.4	283
3	Systematic review and meta-analysis on the nonsurgical treatment of chronic periodontitis by means of scaling and root planing with or without adjuncts. Journal of the American Dental Association, 2015, 146, 508-524.e5.	1.5	199
4	A Preliminary Study on the Effects of the Nd:YAG Laser on Root Surfaces and Subgingival Microflora In Vivo. Journal of Periodontology, 1992, 63, 701-707.	3.4	144
5	The effects of CO ₂ , Nd: YAG and Er: YAG lasers with and without surface coolant on tooth root surfaces. An in vitro study. Journal of Clinical Periodontology, 1997, 24, 595-602.	4.9	144
6	Evidence-based clinical practice guideline on the nonsurgical treatment of chronic periodontitis by means of scaling and root planing with or without adjuncts. Journal of the American Dental Association, 2015, 146, 525-535.	1.5	138
7	The Effect of Nd:YAG Laser Exposure on Root Surfaces When Used as an Adjunct to Root Planing: An In Vitro Study. Journal of Periodontology, 1992, 63, 637-641.	3.4	112
8	The oral microbiome and adverse pregnancy outcomes. International Journal of Women's Health, 2017, Volume 9, 551-559.	2.6	109
9	The Effects of the Nd:YAG Laser on in Vitro Fibroblast Attachment to Endotoxin-Treated Root Surfaces. Journal of Periodontology, 1992, 63, 626-632.	3.4	107
10	Evaluation of Periodontal Treatments Using Controlled-Release Tetracycline Fibers: Clinical Response. Journal of Periodontology, 1995, 66, 692-699.	3.4	99
11	Clinical significance of non-surgical periodontal therapy: an evidence-based perspective of scaling and root planing. Journal of Clinical Periodontology, 2002, 29 Suppl 2, 6-16.	4.9	91
12	The Effect of an Air-Powder Abrasive System on in Vitro Root Surfaces. Journal of Periodontology, 1984, 55, 13-18.	3.4	80
13	Lasers and the Treatment of Chronic Periodontitis. Dental Clinics of North America, 2010, 54, 35-53.	1.8	80
14	Lasers and the treatment of periodontitis: the essence and the noise. Periodontology 2000, 2017, 75, 205-295.	13.4	72
15	Connective Tissue Attachment to Periodontally Diseased Roots After Citric Acid Demineralization,. Journal of Periodontology, 1982, 53, 515-526.	3.4	71
16	Effects of the Nd:YAG laser and combined treatments on in vitro fibroblast attachment to root surfaces. Journal of Clinical Periodontology, 1994, 21, 38-44.	4.9	70
17	Evaluation of Periodontal Treatments Using Controlled-Release Tetracycline Fibers: Microbiological Response. Journal of Periodontology, 1995, 66, 700-707.	3.4	68
18	Laser Irradiation of Bone: II. Healing Response Following Treatment by CO ₂ and Nd:YAG Lasers. Journal of Periodontology, 1999, 70, 75-83.	3.4	66

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19	Lasers in periodontal therapy. <i>Periodontology</i> 2000, 1995, 9, 150-164.	13.4	65
20	Determination of energy density threshold for laser ablation of bacteria An in vitro study. <i>Journal of Clinical Periodontology</i> , 1997, 24, 1-7.	4.9	64
21	Morphologic changes following in vitro CO2 laser treatment of calculus-ladened root surfaces. , 1996, 18, 150-156.		61
22	The effect of the thermal diode laser (wavelength 808â€“980Ânm) in nonâ€“surgical periodontal therapy: a systematic review and metaâ€“analysis. <i>Journal of Clinical Periodontology</i> , 2014, 41, 681-692.	4.9	61
23	Chemical Characterization of Lased Root Surfaces Using Fourier Transform Infrared Photoacoustic Spectroscopy. <i>Journal of Periodontology</i> , 1992, 63, 633-636.	3.4	60
24	Laser Irradiation of Bone. I. An In Vitro Study Concerning the Effects of the CO₂ Laser on Oral Mucosa and Subjacent Bone. <i>Journal of Periodontology</i> , 1997, 68, 872-880.	3.4	57
25	Evaluation of Periodontal Treatments Using Controlledâ€“Release Tetracycline Fibers: Maintenance Response. <i>Journal of Periodontology</i> , 1995, 66, 708-715.	3.4	56
26	Is the prevalence of periodontitis in the USA in decline?. <i>Periodontology</i> 2000, 2009, 50, 13-24.	13.4	50
27	A reâ€“evaluation of scaling and root planing. <i>Journal of Periodontology</i> , 2021, 92, 1370-1378.	3.4	49
28	The Psychology of Patient Compliance: A Focused Review of the Literature. <i>Journal of Periodontology</i> , 2012, 83, 395-400.	3.4	48
29	Effective Laser Ablation of Bone Based on the Absorption Characteristics of Water and Proteins. <i>Journal of Periodontology</i> , 1999, 70, 68-74.	3.4	47
30	Effects of tetracycline hydrochloride and chlorhexidine gluconate on <i>Candida albicans</i>. <i>Journal of Clinical Periodontology</i> , 1997, 24, 753-760.	4.9	46
31	Laser Irradiation of Bone: III. Long-Term Healing Following Treatment by CO2and Nd:YAG Lasers. <i>Journal of Periodontology</i> , 2001, 72, 174-182.	3.4	44
32	Effect of an air-powder abrasive system on root surfaces in periodontal surgery. <i>Journal of Clinical Periodontology</i> , 1987, 14, 213-220.	4.9	43
33	Acute Necrotizing Ulcerative Gingivitis: A Transmission Electron Microscope Study. <i>Journal of Periodontology</i> , 1983, 54, 671-679.	3.4	41
34	Change in Temperature of Subjacent Bone During Soft Tissue Laser Ablation. <i>Journal of Periodontology</i> , 1998, 69, 1278-1282.	3.4	41
35	A TEM/SEM study of the microbial plaque overlying the necrotic gingival papillae of HIV-seropositive, necrotizing ulcerative periodontitis. <i>Journal of Periodontal Research</i> , 2003, 38, 147-155.	2.7	40
36	Tissue Concentration and Localization of Tetracycline Following Site-Specific Tetracycline Fiber Therapy. <i>Journal of Periodontology</i> , 1992, 63, 849-853.	3.4	38

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37	Ultrastructural Examination of Human Periodontal Pockets Following the Use of an Oral Irrigation Device <i>in Vivo</i> . <i>Journal of Periodontology</i> , 1988, 59, 155-163.	3.4	35
38	Periodontal Referral Patterns, 1980 Versus 2000: A Preliminary Study. <i>Journal of Periodontology</i> , 2003, 74, 1470-1474.	3.4	35
39	Comparison of NK-cell (Leu-7 + and Leu-11b +) populations in clinically healthy gingiva, chronic gingivitis and chronic adult periodontitis. <i>Journal of Periodontal Research</i> , 1989, 24, 1-7.	2.7	30
40	Root Surface Characteristics Associated With Subgingival Placement of Monolithic Tetracycline-Impregnated Fibers. <i>Journal of Periodontology</i> , 1992, 63, 137-143.	3.4	26
41	How Does Time-Dependent Dental Unit Waterline Flushing Affect Planktonic Bacteria Levels?. <i>Journal of Dental Education</i> , 2002, 66, 549-555.	1.2	26
42	Serum inhibition of gingival collagenase. <i>Journal of Oral Pathology and Medicine</i> , 1974, 3, 284-290.	2.7	22
43	Emerging Regenerative Approaches for Periodontal Reconstruction: Practical Applications From the AAP Regeneration Workshop. <i>Clinical Advances in Periodontics</i> , 2015, 5, 40-46.	0.7	20
44	PCR monitoring for tetracycline resistance genes in subgingival plaque following site-specific periodontal therapy. <i>Journal of Clinical Periodontology</i> , 2000, 27, 437-446.	4.9	17
45	Application of the Theory of Planned Behavior to Nurse Practitioners' Understanding of the Periodontal Disease-Systemic Link. <i>Journal of Periodontology</i> , 2010, 81, 1805-1813.	3.4	15
46	Commentary: Is There Clinical Benefit From Using a Diode or Neodymium:Yttrium-Aluminum-Garnet Laser in the Treatment of Periodontitis?. <i>Journal of Periodontology</i> , 2016, 87, 1117-1131.	3.4	14
47	Conservative Treatment of Localized Juvenile Spongiotic Gingival Hyperplasia. <i>Clinical Advances in Periodontics</i> , 2011, 1, 199-204.	0.7	13
48	Trypsin activation of latent collagenase from several mammalian sources. <i>European Journal of Oral Sciences</i> , 1975, 83, 302-305.	1.5	12
49	Microscopic Characterization of Root Surface-Associated Microbial Plaque in Localized Juvenile Periodontitis. <i>Journal of Periodontology</i> , 1990, 61, 475-484.	3.4	12
50	Consensus Conference Findings on Supragingival and Subgingival Air Polishing. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995)</i> , 2017, 38, e1-e4.	0.1	11
51	Ultrastructural evidence of large granular lymphocyte (LGL) activity in lesions of chronic adult periodontitis. <i>Journal of Clinical Periodontology</i> , 1990, 17, 371-378.	4.9	9
52	In Vitro Chemotactic Response of Osteoblast-Like Osteosarcoma Cells to a Partially Purified Protein Extract of Demineralized Bone Matrix. <i>Journal of Periodontology</i> , 1991, 62, 15-20.	3.4	9
53	Subgingival Microbiologic Effects of One-Time Irradiation by CO ₂ Laser: A Pilot Study. <i>Journal of Periodontology</i> , 2007, 78, 2331-2337.	3.4	9
54	Morphologic changes following in vitro CO ₂ laser treatment of calculus-adened root surfaces. <i>Lasers in Surgery and Medicine</i> , 1996, 18, 150-156.	2.1	8

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55	The efficacy of laser therapy: Commentary on the American Academy of Periodontology best evidence consensus meeting. <i>Journal of Periodontology</i> , 2018, 89, 804-806.	3.4	7
56	How does time-dependent dental unit waterline flushing affect planktonic bacteria levels?. <i>Journal of Dental Education</i> , 2002, 66, 549-55.	1.2	7
57	In vitro effect of the Sensonicâ„¢ toothbrush on <i>Treponema denticola</i> . <i>Journal of Clinical Periodontology</i> , 1997, 24, 318-123.	4.9	6
58	Referring Periodontal Patients: Clinical Decision Making by Dental and Dental Hygiene Students. <i>Journal of Dental Education</i> , 2014, 78, 445-453.	1.2	5
59	Effectiveness of a prescale gel on subgingival calculus. <i>Journal of Clinical Periodontology</i> , 1996, 23, 147-152.	4.9	4
60	The effects of bacterial plaque extracts on organ cultures of fetal rat masticatory mucosa. I. Histochemistry. <i>Journal of Oral Pathology and Medicine</i> , 1974, 3, 22-34.	2.7	3
61	The effects of bacterial plaque extracts on organ cultures of fetal rat masticatory mucosa. II. Electron microscopy. <i>Journal of Oral Pathology and Medicine</i> , 1974, 3, 35-46.	2.7	3
62	Diode laser offers minimal benefit for periodontal therapy. <i>Compendium of Continuing Education in Dentistry (Jamesburg, N J: 1995)</i> , 2012, 33, e67-73.	0.1	3
63	Effects of a Dental Gel Over 6 Months on Periodontal Health in Subjects with Stage II and III (Mild and Tj ETQq1 1 0.784314 2gBT /Ov	0.0	0
64	Ultrastructural characteristics of mast cells from a canine mastocytoma maintained in vitro*. <i>Journal of Oral Pathology and Medicine</i> , 1975, 4, 244-256.	2.7	1
65	Surgical and Laser Treatment of Hemangiomas of the Lips. <i>Clinical Advances in Periodontics</i> , 2015, 5, 110-115.	0.7	1
66	Have we become so focused on inflammation and host response that we have neglected the role of bacteria in initiating periodontal disease?. <i>Compendium of Continuing Education in Dentistry (Jamesburg, N J: 1995)</i> , 2009, 30, 46, 48.	0.1	1
67	Thyroglossal Duct Cyst: Abbreviated Review and Case Report. <i>Compendium of Continuing Education in Dentistry (Jamesburg, N J: 1995)</i> , 2017, 38, 97-101; quiz 102.	0.1	1
68	Letter to the Editor: Author's Response to Romanos. <i>Journal of Periodontology</i> , 2007, 78, 597-600.	3.4	0
69	Phosphatase and Tensin Homolog Hamartoma Tumor Syndrome: A Case Report. <i>Clinical Advances in Periodontics</i> , 2016, 6, 21-26.	0.7	0
70	Oral Infection Involving <i>Nocardia</i> and <i>Actinomyces</i> : A Case Report. <i>Clinical Advances in Periodontics</i> , 2018, 8, 167-172.	0.7	0
71	Evidence-based practice of periodontics. <i>The Journal of the American College of Dentists</i> , 2010, 77, 30-4.	0.1	0
72	Efficacy of Removal of Residual Dental Cement by Laser, Ultrasonic Scalers, and Titanium Curette: An In Vitro Study. <i>Compendium of Continuing Education in Dentistry (Jamesburg, N J: 1995)</i> , 2021, 42, e5-e9.	0.1	0

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73	Clinical Decisions Based on the 2018 Classification of Periodontal Diseases.. Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995), 2022, 43, 52-56.	0.1	0