Luis E ChÃ¡vez De Paz

List of Publications by Year
in descending order

31 papers	2,050 citations	279487 23 h-index	500791 28 g-index
31 all docs	31 docs citations	31 times ranked	2670 citing authors

#	Article	IF	Citations
1	Redefining the Persistent Infection in Root Canals: Possible Role of Biofilm Communities. Journal of Endodontics, 2007, 33, 652-662.	1.4	242
2	Antimicrobial Effect of Chitosan Nanoparticles on Streptococcus mutans Biofilms. Applied and Environmental Microbiology, 2011, 77, 3892-3895.	1.4	183
3	Effect of process parameters settings and thickness on surface roughness of EBM produced Tiâ€6Alâ€4V. Rapid Prototyping Journal, 2012, 18, 401-408.	1.6	175
4	Bacteria recovered from teeth with apical periodontitis after antimicrobial endodontic treatment. International Endodontic Journal, 2003, 36, 500-508.	2.3	154
5	Image Analysis Software Based on Color Segmentation for Characterization of Viability and Physiological Activity of Biofilms. Applied and Environmental Microbiology, 2009, 75, 1734-1739.	1.4	152
6	The Effects of Antimicrobials on Endodontic Biofilm Bacteria. Journal of Endodontics, 2010, 36, 70-77.	1.4	136
7	Response to alkaline stress by root canal bacteria in biofilms. International Endodontic Journal, 2007, 40, 344-355.	2.3	93
8	Ultrasonic Irrigant Activation during Root Canal Treatment: A Systematic Review. Journal of Endodontics, 2019, 45, 31-44.e13.	1.4	91
9	Regulation of Bacteriocin Production and Cell Death by the VicRK Signaling System in Streptococcus mutans. Journal of Bacteriology, 2012, 194, 1307-1316.	1.0	83
10	Role of (p)ppGpp in Biofilm Formation by Enterococcus faecalis. Applied and Environmental Microbiology, 2012, 78, 1627-1630.	1.4	75
11	Gram-positive rods prevailing in teeth with apical periodontitis undergoing root canal treatment. International Endodontic Journal, 2004, 37, 579-587.	2.3	69
12	Streptococci from root canals in teeth with apical periodontitis receiving endodontic treatment. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2005, 100, 232-241.	1.6	63
13	In situ analysis of multispecies biofilm formation on customized titanium surfaces. Molecular Oral Microbiology, 2011, 26, 241-252.	1.3	60
14	Fusobacterium nucleatum in endodontic flare-ups. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2002, 93, 179-183.	1.6	56
15	Oral bacteria in biofilms exhibit slow reactivation from nutrient deprivation. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	55
16	Effect of nanoporous TiO2 coating and anodized Ca2+ modification of titanium surfaces on early microbial biofilm formation. BMC Oral Health, 2011, 11, 8.	0.8	55
17	QseC controls biofilm formation of non-typeable Haemophilus influenzae in addition to an AI-2-dependent mechanism. International Journal of Medical Microbiology, 2012, 302, 261-269.	1.5	49
18	Effects of saliva or serum coating on adherence of Streptococcus oralis strains to titanium. Microbiology (United Kingdom), 2012, 158, 390-397.	0.7	36

#	Article	IF	Citations
19	Development of a Multispecies Biofilm Community by Four Root Canal Bacteria. Journal of Endodontics, 2012, 38, 318-323.	1.4	35
20	Decreased Bacterial Adherence and Biofilm Growth on Surfaces Coated with a Solution of Benzalkonium Chloride. Journal of Endodontics, 2012, 38, 821-825.	1.4	29
21	Differential effects ofPseudomonas aeruginosaon biofilm formation by different strains ofStaphylococcus epidermidis. FEMS Immunology and Medical Microbiology, 2010, 59, 439-446.	2.7	28
22	Effects of clinical isolates ofPseudomonas aeruginosaonStaphylococcus epidermidisbiofilm formation. FEMS Immunology and Medical Microbiology, 2010, 59, 504-512.	2.7	28
23	A critical analysis of research methods and experimental models to study irrigants and irrigation systems. International Endodontic Journal, 2022, 55, 295-329.	2.3	28
24	Strains of Enterococcus faecalis differ in their ability to coexist in biofilms with other root canal bacteria. International Endodontic Journal, 2015, 48, 916-925.	2.3	25
25	Surface-associated MUC5B mucins promote protease activity in Lactobacillus fermentum biofilms. BMC Oral Health, 2013, 13, 43.	0.8	18
26	Chitosan Nanoparticles Affect the Acid Tolerance Response in Adhered Cells of <i>Streptococcus mutans</i>. Caries Research, 2011, 45, 501-505.	0.9	16
27	Plasminogen coating increases initial adhesion of oral bacteria inÂvitro. Microbial Pathogenesis, 2016, 100, 10-16.	1.3	11
28	Ecology and Physiology of Root Canal Microbial Biofilm Communities. Springer Series on Biofilms, 2015, , 3-22.	0.0	3
29	Microbiology and Immunology of Endodontic Infections. , 2017, , 13-27.		2
30	Microbial Biofilms in Endodontics. , 2015, , 1-14.		0
31	Aetiology of Persistent Endodontic Infections in Root-Filled Teeth. , 2018, , 21-32.		0