

Mark C Herzberg

List of Publications by Year in descending order

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47
papers

2,921
citations

201674

27
h-index

243625

44
g-index

48
all docs

48
docs citations

48
times ranked

3341
citing authors

#	ARTICLE	IF	CITATIONS
1	The oral microbiome and the immunobiology of periodontal disease and caries. <i>Immunology Letters</i> , 2014, 162, 22-38.	2.5	446
2	Streptococcal Antagonism in Oral Biofilms: <i>Streptococcus sanguinis</i> and <i>Streptococcus gordonii</i> Interference with <i>Streptococcus mutans</i> . <i>Journal of Bacteriology</i> , 2008, 190, 4632-4640.	2.2	374
3	Refractory Periodontitis Associated With Abnormal Polymorphonuclear Leukocyte Phagocytosis and Cigarette Smoking. <i>Journal of Periodontology</i> , 1992, 63, 908-913.	3.4	270
4	Association Between Cigarette Smoking, Bacterial Pathogens, and Periodontal Status. <i>Journal of Periodontology</i> , 1993, 64, 1225-1230.	3.4	203
5	Effects of Oral Flora on Platelets: Possible Consequences in Cardiovascular Disease. <i>Journal of Periodontology</i> , 1996, 67, 1138-1142.	3.4	203
6	Anti-Infective Protective Properties of S100 Calgranulins. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2009, 8, 290-305.	1.1	148
7	Characterization of Hydrogen Peroxide-Induced DNA Release by <i>Streptococcus sanguinis</i> and <i>Streptococcus gordonii</i> . <i>Journal of Bacteriology</i> , 2009, 191, 6281-6291.	2.2	98
8	Calprotectin Expression Inhibits Bacterial Binding to Mucosal Epithelial Cells. <i>Infection and Immunity</i> , 2001, 69, 3692-3696.	2.2	86
9	Proteolytic degradation of human salivary MUC5B by dental biofilms. <i>Microbiology (United Kingdom)</i> , 2009, 155, 2866-2872.	1.8	83
10	Calprotectin Expression by Gingival Epithelial Cells. <i>Infection and Immunity</i> , 2001, 69, 3248-3254.	2.2	80
11	Calprotectin S100A9 Calcium-binding Loops I and II Are Essential for Keratinocyte Resistance to Bacterial Invasion. <i>Journal of Biological Chemistry</i> , 2009, 284, 7078-7090.	3.4	64
12	Oral Streptococci and Cardiovascular Disease: Searching for the Platelet Aggregation-Associated Protein Gene and Mechanisms of <i>Streptococcus sanguis</i> -Induced Thrombosis. <i>Journal of Periodontology</i> , 2005, 76, 2101-2105.	3.4	57
13	Ecto-5'-Nucleotidase: A Candidate Virulence Factor in <i>Streptococcus sanguinis</i> Experimental Endocarditis. <i>PLoS ONE</i> , 2012, 7, e38059.	2.5	54
14	Consequences of a sortase A mutation in <i>Streptococcus gordonii</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 4088-4097.	1.8	45
15	Cleavage of protease-activated receptors on an immortalized oral epithelial cell line by <i>Porphyromonas gingivalis</i> gingipains. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3238-3246.	1.8	45
16	<i>Porphyromonas gingivalis</i> Selectively Up-Regulates the HIV-1 Coreceptor CCR5 in Oral Keratinocytes. <i>Journal of Immunology</i> , 2007, 179, 2542-2550.	0.8	42
17	<i>Streptococcus gordonii</i> Hsa Environmentally Constrains Competitive Binding by <i>Streptococcus sanguinis</i> to Saliva-Coated Hydroxyapatite. <i>Journal of Bacteriology</i> , 2007, 189, 3106-3114.	2.2	42
18	S100A8/A9 (Calprotectin) Negatively Regulates G2/M Cell Cycle Progression and Growth of Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2013, 8, e69395.	2.5	42

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19	Regulation of antimicrobial peptide expression in human gingival keratinocytes by interleukin-1 β . Archives of Oral Biology, 2011, 56, 761-767.	1.8	41
20	Identification of novel LPXTG-linked surface proteins from Streptococcus gordonii. Microbiology (United Kingdom), 2009, 155, 1977-1988.	1.8	40
21	Expression of HIV receptors, alternate receptors and co-receptors on tonsillar epithelium: implications for HIV binding and primary oral infection. Virology Journal, 2006, 3, 25.	3.4	37
22	Inactivation of Streptococcusgordonii SspAB Alters Expression of Multiple Adhesin Genes. Infection and Immunity, 2005, 73, 3351-3357.	2.2	33
23	Porphyromonas gingivalisinduces CCR5-dependent transfer of infectious HIV-1 from oral keratinocytes to permissive cells. Retrovirology, 2008, 5, 29.	2.0	33
24	Involvement of calprotectin (S100A8/A9) in molecular pathways associated with HNSCC. Oncotarget, 2016, 7, 14029-14047.	1.8	32
25	<i>Streptococcus sanguis</i>-Induced Platelet Clotting in Rabbits and Hemodynamic and Cardiopulmonary Consequences. Infection and Immunity, 1998, 66, 5906-5914.	2.2	32
26	Oral keratinocytes support non-replicative infection and transfer of harbored HIV-1 to permissive cells. Retrovirology, 2008, 5, 66.	2.0	30
27	S100A8/A9 regulates MMP-2 expression and invasion and migration by carcinoma cells. International Journal of Biochemistry and Cell Biology, 2014, 55, 279-287.	2.8	29
28	Identification of a Novel Two-Component System in Streptococcus gordonii V288 Involved in Biofilm Formation. Infection and Immunity, 2004, 72, 3489-3494.	2.2	28
29	Mechanism of interleukin-1 β transcriptional regulation of S100A9 in a human epidermal keratinocyte cell line. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 954-962.	1.9	21
30	The two-component system BfrAB regulates expression of ABC transporters in Streptococcus gordonii and Streptococcus sanguinis. Microbiology (United Kingdom), 2009, 155, 165-173.	1.8	21
31	Modulation of calprotectin in human keratinocytes by keratinocyte growth factor and interleukin-1 β . Immunology and Cell Biology, 2010, 88, 328-333.	2.3	19
32	Autonomous immunity in mucosal epithelial cells: fortifying the barrier against infection. Microbes and Infection, 2016, 18, 387-398.	1.9	16
33	Intracellular calprotectin (S100A8/A9) controls epithelial differentiation and caspase-mediated cleavage of EGFR in head and neck squamous cell carcinoma. Oral Oncology, 2019, 95, 1-10.	1.5	16
34	An intramembrane sensory circuit monitors sortase A-mediated processing of streptococcal adhesins. Science Signaling, 2019, 12, .	3.6	14
35	The Modulation of Tissue Factor by Endothelial Cells during Heat Shock. Journal of Biological Chemistry, 2003, 278, 11065-11071.	3.4	13
36	Streptococcus gordonii Type I Lipoteichoic Acid Contributes to Surface Protein Biogenesis. MSphere, 2019, 4, .	2.9	13

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37	Oncolytic adenoviruses targeted to Human Papilloma Virus-positive head and neck squamous cell carcinomas. <i>Oral Oncology</i> , 2016, 56, 25-31.	1.5	12
38	Coagulation and Thrombosis in Cardiovascular Disease: Plausible Contributions of Infectious Agents. , 2001, 6, 16-19.		11
39	Human Neutrophil Migration under Agarose to Bacteria Associated with the Development of Gingivitis. <i>Journal of Periodontology</i> , 1984, 55, 540-549.	3.4	9
40	Short Communication: HIV Type 1 Escapes Inactivation by Saliva via Rapid Escape into Oral Epithelial Cells. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1574-1578.	1.1	9
41	<i>In vitro</i> physicochemical characterization of five root canal sealers and their influence on an <i>ex vivo</i> oral multi-species biofilm community. <i>International Endodontic Journal</i> , 2022, 55, 772-783.	5.0	8
42	Anti-Fibrin Antibody Binding in Valvular Vegetations and Kidney Lesions during Experimental Endocarditis. <i>Microbiology and Immunology</i> , 2001, 45, 699-707.	1.4	6
43	Calprotectin (S100A8/A9) Is an Innate Immune Effector in Experimental Periodontitis. <i>Infection and Immunity</i> , 2021, 89, e0012221.	2.2	5
44	Uncovering Roles of <i>Streptococcus gordonii</i> SrtA-Processed Proteins in the Biofilm Lifestyle. <i>Journal of Bacteriology</i> , 2020, 203, .	2.2	3
45	Persistence of Infective Endocarditis. , 0, , 355-374.		2
46	<i>Streptococcus gordonii</i> Poised for Glycan Feeding through a MUC5B-Discriminating, Lipoteichoic Acid-Mediated Outside-In Signaling Circuit. <i>Journal of Bacteriology</i> , 0, , .	2.2	2
47	Platelets and bacterial infections. , 2002, , 781-806.		1