

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
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all docs

48
docs citations

48
times ranked

3341
citing authors

#	ARTICLE	IF	CITATIONS
1	<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
2	Calprotectin (S100A8/A9) Is an Innate Immune Effector in Experimental Periodontitis. <i>Infection and Immunity</i> , 2021, 89, e0012221.	2.2	5
3	Uncovering Roles of <i>Streptococcus gordonii</i> SrtA-Processed Proteins in the Biofilm Lifestyle. <i>Journal of Bacteriology</i> , 2020, 203, .	2.2	3
4	Intracellular calprotectin (S100A8/A9) controls epithelial differentiation and caspase-mediated cleavage of EGFR in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2019, 95, 1-10.	1.5	16
5	An intramembrane sensory circuit monitors sortase A-mediated processing of streptococcal adhesins. <i>Science Signaling</i> , 2019, 12, .	3.6	14
6	<i>Streptococcus gordonii</i> Type I Lipoteichoic Acid Contributes to Surface Protein Biogenesis. <i>MSphere</i> , 2019, 4, .	2.9	13
7	Involvement of calprotectin (S100A8/A9) in molecular pathways associated with HNSCC. <i>Oncotarget</i> , 2016, 7, 14029-14047.	1.8	32
8	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
9	Autonomous immunity in mucosal epithelial cells: fortifying the barrier against infection. <i>Microbes and Infection</i> , 2016, 18, 387-398.	1.9	16
10	The oral microbiome and the immunobiology of periodontal disease and caries. <i>Immunology Letters</i> , 2014, 162, 22-38.	2.5	446
11	S100A8/A9 regulates MMP-2 expression and invasion and migration by carcinoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 279-287.	2.8	29
12	Mechanism of interleukin-1 β transcriptional regulation of S100A9 in a human epidermal keratinocyte cell line. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 954-962.	1.9	21
13	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
14	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
15	Ecto-5'-Nucleotidase: A Candidate Virulence Factor in <i>Streptococcus sanguinis</i> Experimental Endocarditis. <i>PLoS ONE</i> , 2012, 7, e38059.	2.5	54
16	Regulation of antimicrobial peptide expression in human gingival keratinocytes by interleukin-1 β . <i>Archives of Oral Biology</i> , 2011, 56, 761-767.	1.8	41
17	Modulation of calprotectin in human keratinocytes by keratinocyte growth factor and interleukin-1 β . <i>Immunology and Cell Biology</i> , 2010, 88, 328-333.	2.3	19
18	Proteolytic degradation of human salivary MUC5B by dental biofilms. <i>Microbiology (United Kingdom)</i> , 2009, 155, 2866-2872.	1.8	83

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19	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
20	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
21	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
22	Identification of novel LPXTG-linked surface proteins from <i>Streptococcus gordonii</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 1977-1988.	1.8	40
23	The two-component system BfrAB regulates expression of ABC transporters in <i>Streptococcus gordonii</i> and <i>Streptococcus sanguinis</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 165-173.	1.8	21
24	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
25	<i>Porphyromonas gingivalis</i> induces CCR5-dependent transfer of infectious HIV-1 from oral keratinocytes to permissive cells. <i>Retrovirology</i> , 2008, 5, 29.	2.0	33
26	Oral keratinocytes support non-replicative infection and transfer of harbored HIV-1 to permissive cells. <i>Retrovirology</i> , 2008, 5, 66.	2.0	30
27	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
28	<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
29	Consequences of a sortase A mutation in <i>Streptococcus gordonii</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 4088-4097.	1.8	45
30	<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
31	Expression of HIV receptors, alternate receptors and co-receptors on tonsillar epithelium: implications for HIV binding and primary oral infection. <i>Virology Journal</i> , 2006, 3, 25.	3.4	37
32	Inactivation of <i>Streptococcus gordonii</i> SspAB Alters Expression of Multiple Adhesin Genes. <i>Infection and Immunity</i> , 2005, 73, 3351-3357.	2.2	33
33	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
34	Identification of a Novel Two-Component System in <i>Streptococcus gordonii</i> V288 Involved in Biofilm Formation. <i>Infection and Immunity</i> , 2004, 72, 3489-3494.	2.2	28
35	The Modulation of Tissue Factor by Endothelial Cells during Heat Shock. <i>Journal of Biological Chemistry</i> , 2003, 278, 11065-11071.	3.4	13
36	Platelets and bacterial infections. , 2002, , 781-806.		1

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37	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
38	Calprotectin Expression Inhibits Bacterial Binding to Mucosal Epithelial Cells. <i>Infection and Immunity</i> , 2001, 69, 3692-3696.	2.2	86
39	Calprotectin Expression by Gingival Epithelial Cells. <i>Infection and Immunity</i> , 2001, 69, 3248-3254.	2.2	80
40	Coagulation and Thrombosis in Cardiovascular Disease: Plausible Contributions of Infectious Agents. , 2001, 6, 16-19.		11
41	<i>Streptococcus sanguis</i> -Induced Platelet Clotting in Rabbits and Hemodynamic and Cardiopulmonary Consequences. <i>Infection and Immunity</i> , 1998, 66, 5906-5914.	2.2	32
42	Effects of Oral Flora on Platelets: Possible Consequences in Cardiovascular Disease. <i>Journal of Periodontology</i> , 1996, 67, 1138-1142.	3.4	203
43	Association Between Cigarette Smoking, Bacterial Pathogens, and Periodontal Status. <i>Journal of Periodontology</i> , 1993, 64, 1225-1230.	3.4	203
44	Refractory Periodontitis Associated With Abnormal Polymorphonuclear Leukocyte Phagocytosis and Cigarette Smoking. <i>Journal of Periodontology</i> , 1992, 63, 908-913.	3.4	270
45	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
46	Persistence of Infective Endocarditis. , 0, , 355-374.		2
47	<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