

Carol L Fischer

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

571
citations

13
h-index

23
g-index

30
ext. papers

707
ext. citations

4.7
avg, IF

3.91
L-index

#	Paper	IF	Citations
27	Antibacterial activity of sphingoid bases and fatty acids against Gram-positive and Gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1157-61	5.9	127
26	The emerging role of peptides and lipids as antimicrobial epidermal barriers and modulators of local inflammation. <i>Skin Pharmacology and Physiology</i> , 2012 , 25, 167-81	3	45
25	The roles of cutaneous lipids in host defense. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 319-22	5	44
24	Sphingoid bases are taken up by Escherichia coli and Staphylococcus aureus and induce ultrastructural damage. <i>Skin Pharmacology and Physiology</i> , 2013 , 26, 36-44	3	40
23	Oral mucosal lipids are antibacterial against Porphyromonas gingivalis, induce ultrastructural damage, and alter bacterial lipid and protein compositions. <i>International Journal of Oral Science</i> , 2013 , 5, 130-40	27.9	35
22	Differences in human macrophage receptor usage, lysosomal fusion kinetics and survival between logarithmic and metacyclic Leishmania infantum chagasi promastigotes. <i>Cellular Microbiology</i> , 2009 , 11, 1827-41	3.9	33
21	MicroRNA-200c Represses IL-6, IL-8, and CCL-5 Expression and Enhances Osteogenic Differentiation. <i>PLoS ONE</i> , 2016 , 11, e0160915	3.7	32
20	Organization, barrier function and antimicrobial lipids of the oral mucosa. <i>International Journal of Cosmetic Science</i> , 2013 , 35, 220-3	2.7	29
19	Age-dependent variation in cytokines, chemokines, and biologic analytes rinsed from the surface of healthy human skin. <i>Scientific Reports</i> , 2015 , 5, 10472	4.9	27
18	A cross-sectional assessment of biomarker levels around implants versus natural teeth in periodontal maintenance patients. <i>Journal of Periodontology</i> , 2015 , 86, 264-72	4.6	26
17	Antimicrobial Activity of Host-Derived Lipids. <i>Antibiotics</i> , 2020 , 9,	4.9	23
16	Histatin 5 binds to Porphyromonas gingivalis hemagglutinin B (HagB) and alters HagB-induced chemokine responses. <i>Scientific Reports</i> , 2014 , 4, 3904	4.9	20
15	Novel biomarkers of periodontitis and/or obesity in saliva-An exploratory analysis. <i>Archives of Oral Biology</i> , 2015 , 60, 1503-9	2.8	13
14	Predicting PD-L1 expression on human cancer cells using next-generation sequencing information in computational simulation models. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 1511-1522	7.4	13
13	Promise of Combining Antifungal Agents in Denture Adhesives to Fight Candida Species Infections. <i>Journal of Prosthodontics</i> , 2018 , 27, 755-762	3.9	12
12	Cytotoxicity of HBD3 for dendritic cells, normal human epidermal keratinocytes, hTERT keratinocytes, and primary oral gingival epithelial keratinocytes in cell culture conditions. <i>Toxicology Letters</i> , 2015 , 239, 90-6	4.4	9
11	Matrix Metalloproteinase Response of Dendritic Cell, Gingival Epithelial Keratinocyte, and T-Cell Transwell Co-Cultures Treated with Hemagglutinin-B. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	8

10	Antimicrobial Activity of Chemokine CXCL10 for Dermal and Oral Microorganisms. <i>Antibiotics</i> , 2014 , 3, 527-39	4.9	6
9	Diminished Antimicrobial Peptide and Antifungal Antibiotic Activities against <i>Candida albicans</i> in Denture Adhesive. <i>Antibiotics</i> , 2017 , 6,	4.9	5
8	Differential cytotoxicity of long-chain bases for human oral gingival epithelial keratinocytes, oral fibroblasts, and dendritic cells. <i>Toxicology Letters</i> , 2015 , 237, 21-9	4.4	5
7	Computational Models Accurately Predict Multi-Cell Biomarker Profiles in Inflammation and Cancer. <i>Scientific Reports</i> , 2019 , 9, 10877	4.9	4
6	Protein Analysis of Sapienic Acid-Treated <i>Porphyromonas gingivalis</i> Suggests Differential Regulation of Multiple Metabolic Pathways. <i>Journal of Bacteriology</i> , 2016 , 198, 157-67	3.5	3
5	Antimicrobial Peptides in Host Defense: Functions Beyond Antimicrobial Activity 2016 , 129-146		3
4	Human beta defensin 3 alters matrix metalloproteinase production in human dendritic cells exposed to <i>Porphyromonas gingivalis</i> hemagglutinin B. <i>Journal of Periodontology</i> , 2018 , 89, 361-369	4.6	2
3	Differential cytotoxicity of long-chain bases for human oral gingival epithelial keratinocytes, oral fibroblasts, and dendritic cells. <i>Data in Brief</i> , 2015 , 5, 285-91	1.2	2
2	Dataset on the chemokine and cytokine responses of multi-cell cultures treated with hemagglutinin B. <i>Data in Brief</i> , 2019 , 22, 964-970	1.2	
1	Effects of Endogenous Lipids on the Skin Microbiome 2020 , 217-235		