

# Gill Diamond

## List of Publications by Year in descending order

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72  
papers

7,173  
citations

109321

35  
h-index

98798

67  
g-index

75  
all docs

75  
docs citations

75  
times ranked

7342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Antimicrobial Peptoids Impacts Their Biological Effects on <i>ESKAPE</i> Bacterial Pathogens. <i>ACS Infectious Diseases</i> , 2022, 8, 533-545.	3.8	35
2	Examination of gene expression in saliva samples from COVID-19 patients to study the host defense response against SARS-CoV-2 in the oral cavity. <i>Molecular Oral Microbiology</i> , 2021, 36, 157-158.	2.7	6
3	Potent Antiviral Activity against HSV-1 and SARS-CoV-2 by Antimicrobial Peptoids. <i>Pharmaceuticals</i> , 2021, 14, 304.	3.8	28
4	Antifungal Peptides. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 437.	3.5	2
5	Increased ACE2 Levels and Mortality Risk of Patients With COVID-19 on Proton Pump Inhibitor Therapy. <i>American Journal of Gastroenterology</i> , 2021, 116, 1638-1645.	0.4	12
6	Retinoic acid induces antimicrobial peptides and cytokines leading to <i>Mycobacterium tuberculosis</i> elimination in airway epithelial cells. <i>Peptides</i> , 2021, 142, 170580.	2.4	3
7	A Novel Immunocompetent Mouse Model for Testing Antifungal Drugs Against Invasive <i>Candida albicans</i> Infection. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 197.	3.5	1
8	Antiviral Activities of Human Host Defense Peptides. <i>Current Medicinal Chemistry</i> , 2020, 27, 1420-1443.	2.4	71
9	1272. Efficacy of a Non-Peptide, Small Molecule Mimic of Host Defense Proteins in Mouse Models of Disseminated Candidiasis and Aspergillosis. <i>Open Forum Infectious Diseases</i> , 2020, 7, S653-S653.	0.9	0
10	Type I interferon and interferon- $\alpha$ -stimulated gene expression in oral epithelial cells. <i>Molecular Oral Microbiology</i> , 2019, 34, 245-253.	2.7	7
11	Activation of vitamin D in the gingival epithelium and its role in gingival inflammation and alveolar bone loss. <i>Journal of Periodontal Research</i> , 2019, 54, 444-452.	2.7	18
12	$\beta$ -Defensins Coordinate In Vivo to Inhibit Bacterial Infections of the Trachea. <i>Vaccines</i> , 2018, 6, 57.	4.4	19
13	LL-37 disrupts the Kaposi's sarcoma-associated herpesvirus envelope and inhibits infection in oral epithelial cells. <i>Antiviral Research</i> , 2018, 158, 25-33.	4.1	37
14	Antifungal Potential of Host Defense Peptide Mimetics in a Mouse Model of Disseminated Candidiasis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2018, 4, 30.	3.5	13
15	Induction of CFTR gene expression by 1,25(OH) <sub>2</sub> vitamin D <sub>3</sub> , 25OH vitamin D <sub>3</sub> , and vitamin D <sub>3</sub> in cultured human airway epithelial cells and in mouse airways. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 323-332.	2.5	19
16	Potent in vitro and in vivo antifungal activity of a small molecule host defense peptide mimic through a membrane-active mechanism. <i>Scientific Reports</i> , 2017, 7, 4353.	3.3	32
17	Modulation of Human $\beta$ -Defensin-1 Production by Viruses. <i>Viruses</i> , 2017, 9, 153.	3.3	20
18	Opportunistic Pathogen <i>Porphyromonas gingivalis</i> Modulates Danger Signal ATP-Mediated Antibacterial NOX2 Pathways in Primary Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 291.	3.9	29

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19	C/EBP $\beta$ and the Vitamin D Receptor Cooperate in the Regulation of Cathelicidin in Lung Epithelial Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 464-472.	4.1	25
20	Antimicrobial Peptides from Fish. <i>Pharmaceuticals</i> , 2014, 7, 265-310.	3.8	246
21	Activity of Potent and Selective Host Defense Peptide Mimetics in Mouse Models of Oral Candidiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3820-3827.	3.2	30
22	Induction of triggering receptor expressed on myeloid cells (TREM-1) in airway epithelial cells by 1,25(OH) <sub>2</sub> vitamin D <sub>3</sub> . <i>Innate Immunity</i> , 2012, 18, 250-257.	2.4	56
23	Genomic organization and tissue-specific expression of hepcidin in the pacific mutton hamlet, <i>Alphistes immaculatus</i> (Breder, 1936). <i>Fish and Shellfish Immunology</i> , 2011, 31, 1297-1302.	3.6	23
24	Beta-defensins: what are they REALLY doing in the oral cavity?. <i>Oral Diseases</i> , 2011, 17, 628-635.	3.0	62
25	Vitamin D-Mediated Induction of Innate Immunity in Gingival Epithelial Cells. <i>Infection and Immunity</i> , 2011, 79, 2250-2256.	2.2	108
26	Modulation of human $\beta$ -defensin-1 (hBD-1) in plasmacytoid dendritic cells (PDC), monocytes, and epithelial cells by influenza virus, Herpes simplex virus, and Sendai virus and its possible role in innate immunity. <i>Journal of Leukocyte Biology</i> , 2011, 90, 343-356.	3.3	84
27	Activity of antimicrobial peptide mimetics in the oral cavity: I. Activity against biofilms of <i>Candida albicans</i> . <i>Molecular Oral Microbiology</i> , 2010, 25, 418-425.	2.7	41
28	Activity of antimicrobial peptide mimetics in the oral cavity: II. Activity against periopathogenic biofilms and anti-inflammatory activity. <i>Molecular Oral Microbiology</i> , 2010, 25, 426-432.	2.7	38
29	Measuring Antimicrobial Peptide Activity on Epithelial Surfaces in Cell Culture. <i>Methods in Molecular Biology</i> , 2010, 618, 371-382.	0.9	9
30	The Roles of Antimicrobial Peptides in Innate Host Defense. <i>Current Pharmaceutical Design</i> , 2009, 15, 2377-2392.	1.9	498
31	Host Defense Peptides in the Oral Cavity and the Lung: Similarities and Differences. <i>Journal of Dental Research</i> , 2008, 87, 915-927.	5.2	150
32	Computational Analysis Suggests Beta-Defensins Are Processed to Mature Peptides By Signal Peptidase. <i>Protein and Peptide Letters</i> , 2008, 15, 536-540.	0.9	23
33	Activity of an Antimicrobial Peptide Mimetic against Planktonic and Biofilm Cultures of Oral Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4125-4132.	3.2	130
34	Induction of cathelicidin in normal and CF bronchial epithelial cells by 1,25-dihydroxyvitamin D <sub>3</sub> . <i>Journal of Cystic Fibrosis</i> , 2007, 6, 403-410.	0.7	304
35	Differential regulation of innate immune response genes in gingival epithelial cells stimulated with <i>Aggregatibacter actinomycetemcomitans</i> . <i>Journal of Periodontal Research</i> , 2007, 43, 071116225247001-???	2.7	15
36	In vivo $\beta$ -defensin gene expression in rat gingival epithelium in response to <i>Actinobacillus actinomycetemcomitans</i> infection. <i>Journal of Periodontal Research</i> , 2006, 41, 567-572.	2.7	12

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37	Inhibition of $\hat{\iota}^2$ -Defensin Gene Expression in Airway Epithelial Cells by Low Doses of Residual Oil Fly Ash is Mediated by Vanadium. <i>Toxicological Sciences</i> , 2006, 92, 115-125.	3.1	38
38	Antimicrobial Peptides in the Airway. , 2006, 306, 153-182.		100
39	Recombinant Expression of Pleurocidin cDNA Using the <i>Pichia pastoris</i> Expression System. <i>Journal of Biomedicine and Biotechnology</i> , 2005, 2005, 374-384.	3.0	29
40	Distinct Defensin Profiles in <i>Neisseria gonorrhoeae</i> and <i>Chlamydia trachomatis</i> Urethritis Reveal Novel Epithelial Cell-Neutrophil Interactions. <i>Infection and Immunity</i> , 2005, 73, 4823-4833.	2.2	98
41	Human $\hat{\iota}^2$ -Defensin 2 Is Expressed and Associated with <i>Mycobacterium tuberculosis</i> during Infection of Human Alveolar Epithelial Cells. <i>Infection and Immunity</i> , 2005, 73, 4505-4511.	2.2	150
42	Suppression of NF- $\hat{\iota}$ B-mediated $\hat{\iota}^2$ -defensin gene expression in the mammalian airway by the <i>Bordetella</i> type III secretion system. <i>Cellular Microbiology</i> , 2004, 7, 489-497.	2.1	31
43	Evaluation of Antimicrobial Spectrum and Cytotoxic Activity of Pleurocidin for Food Applications. <i>Journal of Food Science</i> , 2004, 69, FMS66.	3.1	14
44	Detection of HBD1 peptide in peripheral blood mononuclear cell subpopulations by intracellular flow cytometry. <i>Peptides</i> , 2003, 24, 1785-1794.	2.4	23
45	One of Two Human Lactoferrin Variants Exhibits Increased Antibacterial and Transcriptional Activation Activities and Is Associated with Localized Juvenile Periodontitis. <i>Infection and Immunity</i> , 2003, 71, 6141-6147.	2.2	89
46	Coordinated Expression of Tracheal Antimicrobial Peptide and Inflammatory-Response Elements in the Lungs of Neonatal Calves with Acute Bacterial Pneumonia. <i>Infection and Immunity</i> , 2003, 71, 2950-2955.	2.2	38
47	Tumor Necrosis Factor Alpha Stimulates Killing of <i>Mycobacterium tuberculosis</i> by Human Neutrophils. <i>Infection and Immunity</i> , 2002, 70, 4591-4599.	2.2	142
48	Antimycobacterial Agent Based on mRNA Encoding Human $\hat{\iota}^2$ -Defensin 2 Enables Primary Macrophages To Restrict Growth of <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2001, 69, 2692-2699.	2.2	85
49	The innate immune response of the respiratory epithelium. <i>Immunological Reviews</i> , 2000, 173, 27-38.	6.0	392
50	CD14-dependent Lipopolysaccharide-induced $\hat{\iota}^2$ -Defensin-2 Expression in Human Tracheobronchial Epithelium. <i>Journal of Biological Chemistry</i> , 2000, 275, 29731-29736.	3.4	279
51	Transcriptional Regulation of $\hat{\iota}^2$ -Defensin Gene Expression in Tracheal Epithelial Cells. <i>Infection and Immunity</i> , 2000, 68, 113-119.	2.2	196
52	The role of cationic antimicrobial peptides in innate host defences. <i>Trends in Microbiology</i> , 2000, 8, 402-410.	7.7	1,070
53	Characterization of a Fish Antimicrobial Peptide: Gene Expression, Subcellular Localization, and Spectrum of Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2039-2045.	3.2	138
54	Induction of a Rat Enteric Defensin Gene by Hemorrhagic Shock. <i>Infection and Immunity</i> , 1999, 67, 4787-4793.	2.2	27

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55	Antimicrobial Peptide Expression Is Developmentally Regulated in the Ovine Gastrointestinal Tract, . Journal of Nutrition, 1998, 128, 297S-299S.	2.9	78
56	Molecular Biological Strategies in the Analysis of Antibiotic Peptide Gene Families: The Use Oligonucleotides as Hybridization Probes. , 1997, 78, 151-166.		6
57	Isolation and Characterization of Pleurocidin, an Antimicrobial Peptide in the Skin Secretions of Winter Flounder. Journal of Biological Chemistry, 1997, 272, 12008-12013.	3.4	445
58	Inducible expression of an antibiotic peptide gene in lipopolysaccharide-challenged tracheal epithelial cells.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 5156-5160.	7.1	267
59	Production of active bovine tracheal antimicrobial peptide in milk of transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14118-14121.	7.1	57
60	Coordinate induction of two antibiotic genes in tracheal epithelial cells exposed to the inflammatory mediators lipopolysaccharide and tumor necrosis factor alpha. Infection and Immunity, 1996, 64, 1565-1568.	2.2	152
61	Endotoxin Upregulates Expression of an Antimicrobial Peptide Gene in Mammalian Airway Epithelial Cells. Chest, 1994, 105, 51S-52S.	0.8	26
62	Energy Expenditure and Genotype of Children with Cystic Fibrosis. Pediatric Research, 1994, 35, 451-460.	2.3	78
63	Maple syrup urine disease (MSUD): Screening for known mutations in Italian patients. Journal of Inherited Metabolic Disease, 1994, 17, 652-660.	3.6	6
64	Airway epithelial cells are the site of expression of a mammalian antimicrobial peptide gene.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 4596-4600.	7.1	155
65	A Novel Antimicrobial Peptide from Mammalian Tracheal Mucosa. Chest, 1992, 101, 47S.	0.8	4
66	Tracheal antimicrobial peptide, a cysteine-rich peptide from mammalian tracheal mucosa: peptide isolation and cloning of a cDNA.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3952-3956.	7.1	497
67	A cross-species analysis of the cystic fibrosis transmembrane conductance regulator. Potential functional domains and regulatory sites. Journal of Biological Chemistry, 1991, 266, 22761-9.	3.4	44
68	Cloning of a human S-phase cell cycle gene: use of transient expression for screening.. Molecular and Cellular Biology, 1987, 7, 775-779.	2.3	7
69	The Genetic Analysis of Mammalian Cell-Cycle Mutants. Annual Review of Genetics, 1985, 19, 389-421.	7.6	52
70	Mapping of DNAase I sensitive regions on mitotic chromosomes. Cell, 1984, 38, 493-499.	28.9	146
71	In vivo imaging of the activity of host defense peptide mimetics in a mouse model of invasive candidiasis. , 0, , .		0
72	Potent antiviral activity against HSV-1 and SARS-CoV-2 by antimicrobial peptoids. , 0, , .		0