

Richard L Gallo

List of Publications by Year in descending order

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394
papers

53,398
citations

1043

113
h-index

1496

219
g-index

403
all docs

403
docs citations

403
times ranked

43414
citing authors

#	ARTICLE	IF	CITATIONS
1	Toll-Like Receptor Triggering of a Vitamin D-Mediated Human Antimicrobial Response. <i>Science</i> , 2006, 311, 1770-1773.	6.0	3,367
2	The 2011 Report on Dietary Reference Intakes for Calcium and Vitamin D from the Institute of Medicine: What Clinicians Need to Know. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 53-58.	1.8	3,343
3	Endogenous Antimicrobial Peptides and Skin Infections in Atopic Dermatitis. <i>New England Journal of Medicine</i> , 2002, 347, 1151-1160.	13.9	2,084
4	Innate antimicrobial peptide protects the skin from invasive bacterial infection. <i>Nature</i> , 2001, 414, 454-457.	13.7	1,403
5	AMPed up immunity: how antimicrobial peptides have multiple roles in immune defense. <i>Trends in Immunology</i> , 2009, 30, 131-141.	2.9	1,019
6	Epithelial antimicrobial defence of the skin and intestine. <i>Nature Reviews Immunology</i> , 2012, 12, 503-516.	10.6	779
7	Skin microbiota: a source of disease or defence?. <i>British Journal of Dermatology</i> , 2008, 158, 442-455.	1.4	746
8	Antimicrobials from human skin commensal bacteria protect against <i>Staphylococcus aureus</i> and are deficient in atopic dermatitis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	744
9	An angiogenic role for the human peptide antibiotic LL-37/hCAP-18. <i>Journal of Clinical Investigation</i> , 2003, 111, 1665-1672.	3.9	727
10	Antimicrobial peptides. <i>Current Biology</i> , 2016, 26, R14-R19.	1.8	717
11	Increased serine protease activity and cathelicidin promotes skin inflammation in rosacea. <i>Nature Medicine</i> , 2007, 13, 975-980.	15.2	708
12	Cutting Edge: Mast Cell Antimicrobial Activity Is Mediated by Expression of Cathelicidin Antimicrobial Peptide. <i>Journal of Immunology</i> , 2003, 170, 2274-2278.	0.4	645
13	Commensal bacteria regulate Toll-like receptor α -dependent inflammation after skin injury. <i>Nature Medicine</i> , 2009, 15, 1377-1382.	15.2	620
14	HIF-1 α expression regulates the bactericidal capacity of phagocytes. <i>Journal of Clinical Investigation</i> , 2005, 115, 1806-1815.	3.9	608
15	Injury enhances TLR2 function and antimicrobial peptide expression through a vitamin D α -dependent mechanism. <i>Journal of Clinical Investigation</i> , 2007, 117, 803-811.	3.9	576
16	Tight junction defects in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 773-786.e7.	1.5	576
17	Glycosaminoglycans and their proteoglycans: host-associated molecular patterns for initiation and modulation of inflammation. <i>FASEB Journal</i> , 2006, 20, 9-22.	0.2	560
18	The antimicrobial peptide cathelicidin protects the urinary tract against invasive bacterial infection. <i>Nature Medicine</i> , 2006, 12, 636-641.	15.2	553

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19	Postsecretory Processing Generates Multiple Cathelicidins for Enhanced Topical Antimicrobial Defense. <i>Journal of Immunology</i> , 2004, 172, 3070-3077.	0.4	547
20	IOM Committee Members Respond to Endocrine Society Vitamin D Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 1146-1152.	1.8	492
21	Cutaneous Injury Induces the Release of Cathelicidin Anti-Microbial Peptides Active Against Group A Streptococcus. <i>Journal of Investigative Dermatology</i> , 2001, 117, 91-97.	0.3	488
22	Hyaluronan Fragments Stimulate Endothelial Recognition of Injury through TLR4. <i>Journal of Biological Chemistry</i> , 2004, 279, 17079-17084.	1.6	473
23	Dermatan sulfate: new functions from an old glycosaminoglycan. <i>Glycobiology</i> , 2002, 12, 117R-125R.	1.3	397
24	Kallikrein-mediated proteolysis regulates the antimicrobial effects of cathelicidins in skin. <i>FASEB Journal</i> , 2006, 20, 2068-2080.	0.2	397
25	Statins Enhance Formation of Phagocyte Extracellular Traps. <i>Cell Host and Microbe</i> , 2010, 8, 445-454.	5.1	368
26	Dermal adipocytes protect against invasive <i>Staphylococcus aureus</i> skin infection. <i>Science</i> , 2015, 347, 67-71.	6.0	368
27	The microbiome extends to subepidermal compartments of normal skin. <i>Nature Communications</i> , 2013, 4, 1431.	5.8	361
28	Identification of CRAMP, a Cathelin-related Antimicrobial Peptide Expressed in the Embryonic and Adult Mouse. <i>Journal of Biological Chemistry</i> , 1997, 272, 13088-13093.	1.6	360
29	Functions of the skin microbiota in health and disease. <i>Seminars in Immunology</i> , 2013, 25, 370-377.	2.7	349
30	Structure and function of the human skin microbiome. <i>Trends in Microbiology</i> , 2013, 21, 660-668.	3.5	348
31	Recognition of Hyaluronan Released in Sterile Injury Involves a Unique Receptor Complex Dependent on Toll-like Receptor 4, CD44, and MD-2. <i>Journal of Biological Chemistry</i> , 2007, 282, 18265-18275.	1.6	345
32	Activation of TLR2 by a Small Molecule Produced by <i>Staphylococcus epidermidis</i> Increases Antimicrobial Defense against Bacterial Skin Infections. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2211-2221.	0.3	345
33	Cytosolic DNA Triggers Inflammasome Activation in Keratinocytes in Psoriatic Lesions. <i>Science Translational Medicine</i> , 2011, 3, 82ra38.	5.8	342
34	Ultraviolet radiation damages self noncoding RNA and is detected by TLR3. <i>Nature Medicine</i> , 2012, 18, 1286-1290.	15.2	340
35	Antimicrobial peptides and the skin immune defense system. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 261-266.	1.5	337
36	Selective Antimicrobial Action Is Provided by Phenol-Soluble Modulins Derived from <i>Staphylococcus epidermidis</i> , a Normal Resident of the Skin. <i>Journal of Investigative Dermatology</i> , 2010, 130, 192-200.	0.3	337

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37	The antimicrobial peptide LL-37 is expressed by keratinocytes in condyloma acuminatum and verruca vulgaris. <i>Journal of the American Academy of Dermatology</i> , 2002, 47, 347-350.	0.6	331
38	Cytokine Milieu of Atopic Dermatitis Skin Subverts the Innate Immune Response to Vaccinia Virus. <i>Immunity</i> , 2006, 24, 341-348.	6.6	319
39	The microbiome in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 26-35.	1.5	317
40	Antimicrobial peptides. <i>Journal of the American Academy of Dermatology</i> , 2005, 52, 381-390.	0.6	309
41	Antimicrobial Peptides: Old Molecules with New Ideas. <i>Journal of Investigative Dermatology</i> , 2012, 132, 887-895.	0.3	308
42	Standard classification and pathophysiology of rosacea: The 2017 update by the National Rosacea Society Expert Committee. <i>Journal of the American Academy of Dermatology</i> , 2018, 78, 148-155.	0.6	295
43	Plasmacytoid dendritic cells sense skin injury and promote wound healing through type I interferons. <i>Journal of Experimental Medicine</i> , 2010, 207, 2921-2930.	4.2	292
44	Microbial Symbiosis with the Innate Immune Defense System of the Skin. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1974-1980.	0.3	289
45	Molecular cartography of the human skin surface in 3D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2120-9.	3.3	288
46	The 2011 Dietary Reference Intakes for Calcium and Vitamin D: What Dietetics Practitioners Need to Know. This article is a summary of the Institute of Medicine report entitled Dietary Reference Intakes for Calcium and Vitamin D (available at) http://www.iom.edu/Reports/2010/Dietary-Reference-Intakes-for-Calcium-and-Vitamin-D		

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55	Cathelicidin deficiency predisposes to eczema herpeticum. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 836-841.	1.5	252
56	Cathelicidin Anti-Microbial Peptide Expression in Sweat, an Innate Defense System for the Skin. <i>Journal of Investigative Dermatology</i> , 2002, 119, 1090-1095.	0.3	249
57	The molecular pathology of rosacea. <i>Journal of Dermatological Science</i> , 2009, 55, 77-81.	1.0	249
58	Fermentation of <i>Propionibacterium acnes</i> , a Commensal Bacterium in the Human Skin Microbiome, as Skin Probiotics against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2013, 8, e55380.	1.1	231
59	Cutaneous Defense Mechanisms by Antimicrobial Peptides. <i>Journal of Investigative Dermatology</i> , 2005, 125, 9-13.	0.3	223
60	d-Alanylation of Teichoic Acids Promotes Group A <i>Streptococcus</i> Antimicrobial Peptide Resistance, Neutrophil Survival, and Epithelial Cell Invasion. <i>Journal of Bacteriology</i> , 2005, 187, 6719-6725.	1.0	222
61	Antimicrobial and Protease Inhibitory Functions of the Human Cathelicidin (hCAP18/LL-37) Prosequence. <i>Journal of Investigative Dermatology</i> , 2003, 120, 810-816.	0.3	221
62	Interplay between antibacterial effectors: A macrophage antimicrobial peptide impairs intracellular <i>Salmonella</i> replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2422-2427.	3.3	219
63	Control of the innate epithelial antimicrobial response is cell-type specific and dependent on relevant microenvironmental stimuli. <i>Immunology</i> , 2006, 118, 060606080407003-???	2.0	212
64	Filaggrin mutations that confer risk of atopic dermatitis confer greater risk for eczema herpeticum. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 507-513.e7.	1.5	209
65	The Antimicrobial Protein REG3A Regulates Keratinocyte Proliferation and Differentiation after Skin Injury. <i>Immunity</i> , 2012, 37, 74-84.	6.6	208
66	Cathelicidin Mediates Innate Intestinal Defense against Colonization with Epithelial Adherent Bacterial Pathogens. <i>Journal of Immunology</i> , 2005, 174, 4901-4907.	0.4	205
67	Administration of oral vitamin D induces cathelicidin production in atopic individuals. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 829-831.	1.5	205
68	<i>Staphylococcus epidermidis</i> in the human skin microbiome mediates fermentation to inhibit the growth of <i>Propionibacterium acnes</i> : implications of probiotics in acne vulgaris. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 411-424.	1.7	205
69	Lack of Neutrophil-Derived CRAMP Reduces Atherosclerosis in Mice. <i>Circulation Research</i> , 2012, 110, 1052-1056.	2.0	203
70	Anti-Fungal Activity of Cathelicidins and their Potential Role in <i>Candida albicans</i> Skin Infection. <i>Journal of Investigative Dermatology</i> , 2005, 125, 108-115.	0.3	199
71	Co-Regulation and Interdependence of the Mammalian Epidermal Permeability and Antimicrobial Barriers. <i>Journal of Investigative Dermatology</i> , 2008, 128, 917-925.	0.3	199
72	Human Skin Is the Largest Epithelial Surface for Interaction with Microbes. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1213-1214.	0.3	194

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73	Psychological stress downregulates epidermal antimicrobial peptide expression and increases severity of cutaneous infections in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3339-3349.	3.9	193
74	Cathelicidins, essential gene-encoded mammalian antibiotics. <i>Journal of Molecular Medicine</i> , 2002, 80, 549-561.	1.7	192
75	Expression of LL-37 by human gastric epithelial cells as a potential host defense mechanism against <i>Helicobacter pylori</i> . <i>Gastroenterology</i> , 2003, 125, 1613-1625.	0.6	192
76	Cathelicidin Antimicrobial Peptides are Expressed in Salivary Glands and Saliva. <i>Journal of Dental Research</i> , 2002, 81, 845-850.	2.5	188
77	Quorum sensing between bacterial species on the skin protects against epidermal injury in atopic dermatitis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	185
78	Dermatan Sulfate Released after Injury Is a Potent Promoter of Fibroblast Growth Factor-2 Function. <i>Journal of Biological Chemistry</i> , 1998, 273, 28116-28121.	1.6	184
79	A commensal strain of <i>Staphylococcus epidermidis</i> protects against skin neoplasia. <i>Science Advances</i> , 2018, 4, eaao4502.	4.7	183
80	Host-microbiome interactions and recent progress into understanding the biology of acne vulgaris. <i>Microbiome</i> , 2018, 6, 177.	4.9	183
81	Sebum Free Fatty Acids Enhance the Innate Immune Defense of Human Sebocytes by Upregulating β -Defensin-2 Expression. <i>Journal of Investigative Dermatology</i> , 2010, 130, 985-994.	0.3	182
82	<i>Staphylococcus epidermidis</i> Antimicrobial δ -Toxin (Phenol-Soluble Modulin- δ) Cooperates with Host Antimicrobial Peptides to Kill Group A <i>Streptococcus</i> . <i>PLoS ONE</i> , 2010, 5, e8557.	1.1	182
83	N-Glycolylneuraminic Acid Deficiency in Mice: Implications for Human Biology and Evolution. <i>Molecular and Cellular Biology</i> , 2007, 27, 4340-4346.	1.1	180
84	Antimicrobial peptides in the pathogenesis of psoriasis. <i>Journal of Dermatology</i> , 2012, 39, 225-230.	0.6	179
85	The Role of the Skin Microbiome in Atopic Dermatitis. <i>Current Allergy and Asthma Reports</i> , 2015, 15, 65.	2.4	179
86	Keratinocytes Store the Antimicrobial Peptide Cathelicidin in Lamellar Bodies. <i>Journal of Investigative Dermatology</i> , 2005, 124, 394-400.	0.3	178
87	The mammalian ionic environment dictates microbial susceptibility to antimicrobial defense peptides. <i>FASEB Journal</i> , 2006, 20, 35-42.	0.2	173
88	Interleukin-10 Downregulates Anti-Microbial Peptide Expression in Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2005, 125, 738-745.	0.3	171
89	Cathelicidin Antimicrobial Peptide LL-37 in Psoriasis Enables Keratinocyte Reactivity against TLR9 Ligands. <i>Journal of Investigative Dermatology</i> , 2012, 132, 135-143.	0.3	170
90	Mast Cells Are Key Mediators of Cathelicidin-Initiated Skin Inflammation in Rosacea. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2728-2736.	0.3	167

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91	Neutrophil differentiation into a unique hybrid population exhibiting dual phenotype and functionality of neutrophils and dendritic cells. <i>Blood</i> , 2013, 121, 1677-1689.	0.6	162
92	Photoimmunology: how ultraviolet radiation affects the immune system. <i>Nature Reviews Immunology</i> , 2019, 19, 688-701.	10.6	162
93	IL-17A Enhances Vitamin D3-Induced Expression of Cathelicidin Antimicrobial Peptide in Human Keratinocytes. <i>Journal of Immunology</i> , 2008, 181, 8504-8512.	0.4	161
94	M1 Protein Allows Group A Streptococcal Survival in Phagocyte Extracellular Traps through Cathelicidin Inhibition. <i>Journal of Innate Immunity</i> , 2009, 1, 202-214.	1.8	157
95	Antimicrobial Peptides: An Emerging Concept in Cutaneous Biology. <i>Journal of Investigative Dermatology</i> , 1998, 111, 739-743.	0.3	154
96	Heterogeneous expression of human cathelicidin hCAP18/LL-37 in inflammatory bowel diseases. <i>European Journal of Gastroenterology and Hepatology</i> , 2006, 18, 615-621.	0.8	149
97	Genetic variants in thymic stromal lymphopoietin are associated with atopic dermatitis and eczema herpeticum. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1403-1407.e4.	1.5	149
98	Rosacea as a Disease of Cathelicidins and Skin Innate Immunity. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2011, 15, 12-15.	0.8	146
99	Cathelicidin Antimicrobial Peptides Block Dendritic Cell TLR4 Activation and Allergic Contact Sensitization. <i>Journal of Immunology</i> , 2007, 178, 1829-1834.	0.4	143
100	Neonatal Skin in Mice and Humans Expresses Increased Levels of Antimicrobial Peptides: Innate Immunity During Development of the Adaptive Response. <i>Pediatric Research</i> , 2003, 53, 566-572.	1.1	142
101	Development of a human skin commensal microbe for bacteriotherapy of atopic dermatitis and use in a phase 1 randomized clinical trial. <i>Nature Medicine</i> , 2021, 27, 700-709.	15.2	142
102	Keratinocyte Production of Cathelicidin Provides Direct Activity against Bacterial Skin Pathogens. <i>Infection and Immunity</i> , 2005, 73, 6771-6781.	1.0	139
103	Innate immunity and antimicrobial defense systems in psoriasis. <i>Clinics in Dermatology</i> , 2007, 25, 616-624.	0.8	138
104	Histone Acetylation in Keratinocytes Enables Control of the Expression of Cathelicidin and CD14 by 1,25-Dihydroxyvitamin D3. <i>Journal of Investigative Dermatology</i> , 2008, 128, 816-824.	0.3	137
105	Activation of Epidermal Toll-Like Receptor 2 Enhances Tight Junction Function: Implications for Atopic Dermatitis and Skin Barrier Repair. <i>Journal of Investigative Dermatology</i> , 2013, 133, 988-998.	0.3	137
106	Neutrophil-Derived Cathelicidin Promotes Adhesion of Classical Monocytes. <i>Circulation Research</i> , 2013, 112, 792-801.	2.0	132
107	IL-4R α Blockade by Dupilumab Decreases Staphylococcus aureus Colonization and Increases Microbial Diversity in Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2020, 140, 191-202.e7.	0.3	130
108	Expression and Secretion of Cathelicidin Antimicrobial Peptides in Murine Mammary Glands and Human Milk. <i>Pediatric Research</i> , 2005, 57, 10-15.	1.1	129

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109	Developmental switch of intestinal antimicrobial peptide expression. <i>Journal of Experimental Medicine</i> , 2008, 205, 183-193.	4.2	129
110	Antimicrobial peptides in human skin disease. <i>European Journal of Dermatology</i> , 2008, 18, 11-21.	0.3	129
111	Antimicrobial Peptide LL37 and MAVS Signaling Drive Interferon- β Production by Epidermal Keratinocytes during Skin Injury. <i>Immunity</i> , 2016, 45, 119-130.	6.6	128
112	From The Cover: Expression of an additional cathelicidin antimicrobial peptide protects against bacterial skin infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3750-3755.	3.3	123
113	Vitamin D in allergic disease: Shedding light on a complex problem. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 324-329.	1.5	123
114	<i>Staphylococcus aureus</i> Induces Increased Serine Protease Activity in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2017, 137, 377-384.	0.3	122
115	The antimicrobial peptide LL-37 facilitates the formation of neutrophil extracellular traps. <i>Biochemical Journal</i> , 2014, 464, 3-11.	1.7	121
116	The skin microbiome is different in pediatric versus adult atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1233-1236.	1.5	121
117	Novel Role of the Antimicrobial Peptide LL-37 in the Protection of Neutrophil Extracellular Traps against Degradation by Bacterial Nucleases. <i>Journal of Innate Immunity</i> , 2014, 6, 860-868.	1.8	120
118	Sebocytes Express Functional Cathelicidin Antimicrobial Peptides and Can Act to Kill <i>Propionibacterium Acnes</i> . <i>Journal of Investigative Dermatology</i> , 2008, 128, 1863-1866.	0.3	119
119	Host Immune Defense Peptide LL-37 Activates Caspase-Independent Apoptosis and Suppresses Colon Cancer. <i>Cancer Research</i> , 2012, 72, 6512-6523.	0.4	118
120	Mast Cell Cathelicidin Antimicrobial Peptide Prevents Invasive Group A <i>Streptococcus</i> Infection of the Skin. <i>Journal of Immunology</i> , 2008, 180, 7565-7573.	0.4	117
121	M Protein and Hyaluronic Acid Capsule Are Essential for <i>In Vivo</i> Selection of <i>covRS</i> Mutations Characteristic of Invasive Serotype M1T1 Group A <i>Streptococcus</i> . <i>MBio</i> , 2010, 1, .	1.8	116
122	Antimicrobial peptides and the skin immune defense system. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, R13-R18.	1.5	114
123	Recommendations for rosacea diagnosis, classification and management: update from the global ROSacea COnsensus 2019 panel. <i>British Journal of Dermatology</i> , 2020, 182, 1269-1276.	1.4	113
124	Kallikrein Expression and Cathelicidin Processing Are Independently Controlled in Keratinocytes by Calcium, Vitamin D3, and Retinoic Acid. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1297-1306.	0.3	112
125	Cathelicidin-Deficient (<i>Cnlp</i> ^Δ) Mice Show Increased Susceptibility to <i>Pseudomonas aeruginosa</i> Keratitis. , 2007, 48, 4498.		110
126	Inhibition of HDAC8 and HDAC9 by microbial short-chain fatty acids breaks immune tolerance of the epidermis to TLR ligands. <i>Science Immunology</i> , 2016, 1, .	5.6	109

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127	Genetic alteration of endothelial heparan sulfate selectively inhibits tumor angiogenesis. <i>Journal of Cell Biology</i> , 2007, 177, 539-549.	2.3	107
128	The vitamin D pathway: a new target for control of the skin's immune response?. <i>Experimental Dermatology</i> , 2008, 17, 633-639.	1.4	106
129	Histone H4 Is a Major Component of the Antimicrobial Action of Human Sebocytes. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2489-2496.	0.3	106
130	Dermal white adipose tissue: a new component of the thermogenic response. <i>Journal of Lipid Research</i> , 2015, 56, 2061-2069.	2.0	104
131	The Neuroendocrine Peptide Catestatin Is a Cutaneous Antimicrobial and Induced in the Skin after Injury. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1525-1534.	0.3	103
132	Migration Studies and Histology of Injectable Microspheres of Different Sizes in Mice. <i>Plastic and Reconstructive Surgery</i> , 2004, 113, 1380-1390.	0.7	102
133	Antimicrobial Peptides, Skin Infections, and Atopic Dermatitis. <i>Seminars in Cutaneous Medicine and Surgery</i> , 2008, 27, 144-150.	1.6	102
134	PR-39, a Syndecan-inducing Antimicrobial Peptide, Binds and Affects p130Cas. <i>Journal of Biological Chemistry</i> , 1998, 273, 28978-28985.	1.6	100
135	Neutrophil-Derived Cathelicidin Protects from Neointimal Hyperplasia. <i>Science Translational Medicine</i> , 2011, 3, 103ra98.	5.8	100
136	Structural and Sequence Motifs in Dermatan Sulfate for Promoting Fibroblast Growth Factor-2 (FGF-2) and FGF-7 Activity. <i>Journal of Biological Chemistry</i> , 2005, 280, 5300-5306.	1.6	99
137	Cathelicidin, kallikrein 5, and serine protease activity is inhibited during treatment of rosacea with azelaic acid 15% gel. <i>Journal of the American Academy of Dermatology</i> , 2013, 69, 570-577.	0.6	99
138	The role of the skin microbiome in atopic dermatitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 122, 263-269.	0.5	99
139	Propionibacterium acnes CAMP Factor and Host Acid Sphingomyelinase Contribute to Bacterial Virulence: Potential Targets for Inflammatory Acne Treatment. <i>PLoS ONE</i> , 2011, 6, e14797.	1.1	98
140	Cathelicidin-Related Antimicrobial Peptide Is Required for Effective Lung Mucosal Immunity in Gram-Negative Bacterial Pneumonia. <i>Journal of Immunology</i> , 2012, 189, 304-311.	0.4	97
141	Toll-Like Receptors in Skin Infections and Inflammatory Diseases. <i>Infectious Disorders - Drug Targets</i> , 2008, 8, 144-155.	0.4	96
142	Engagement of CD44 by hyaluronan suppresses TLR4 signaling and the septic response to LPS. <i>Molecular Immunology</i> , 2009, 47, 449-456.	1.0	95
143	Rosacea. <i>Journal of the American Academy of Dermatology</i> , 2015, 72, 761-770.	0.6	95
144	Phagocytosis of Different Particulate Dermal Filler Substances by Human Macrophages and Skin Cells. <i>Dermatologic Surgery</i> , 2002, 28, 484-490.	0.4	93

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145	Obesity alters pathology and treatment response in inflammatory disease. <i>Nature</i> , 2022, 604, 337-342.	13.7	93
146	Dermatan Sulfate Binds and Potentiates Activity of Keratinocyte Growth Factor (FGF-7). <i>Journal of Biological Chemistry</i> , 2002, 277, 42815-42820.	1.6	92
147	Flagellin Stimulates Protective Lung Mucosal Immunity: Role of Cathelicidin-Related Antimicrobial Peptide. <i>Journal of Immunology</i> , 2010, 185, 1142-1149.	0.4	92
148	Antimicrobial peptides and the skin. <i>Expert Opinion on Biological Therapy</i> , 2004, 4, 543-549.	1.4	91
149	Reductions in claudin-1 may enhance susceptibility to herpes simplex virus 1 infections in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 242-246.e5.	1.5	90
150	Staphylococcus epidermidis protease EcpA can be a deleterious component of the skin microbiome in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 955-966.e16.	1.5	90
151	Standard management options for rosacea: The 2019 update by the National Rosacea Society Expert Committee. <i>Journal of the American Academy of Dermatology</i> , 2020, 82, 1501-1510.	0.6	89
152	Doxycycline Indirectly Inhibits Proteolytic Activation of Tryptic Kallikrein-Related Peptidases and Activation of Cathelicidin. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1435-1442.	0.3	87
153	TH2 cytokines increase kallikrein 7 expression and function in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 259-261.e1.	1.5	84
154	Induction of the Antimicrobial Peptide CRAMP in the Blood-Brain Barrier and Meninges after Meningococcal Infection. <i>Infection and Immunity</i> , 2006, 74, 6982-6991.	1.0	82
155	A group B streptococcal pilus protein promotes phagocyte resistance and systemic virulence. <i>FASEB Journal</i> , 2008, 22, 1715-1724.	0.2	82
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