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## List of Publications by Year in descending order

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40  
papers

4,951  
citations

304743

22  
h-index

395702

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4719  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian defensins in the antimicrobial immune response. <i>Nature Immunology</i> , 2005, 6, 551-557.	14.5	1,070
2	Regulation of Intestinal $\alpha$ -Defensin Activation by the Metalloproteinase Matrilysin in Innate Host Defense. <i>Science</i> , 1999, 286, 113-117.	12.6	1,041
3	Secretion of microbicidal $\alpha$ -defensins by intestinal Paneth cells in response to bacteria. <i>Nature Immunology</i> , 2000, 1, 113-118.	14.5	939
4	A Cyclic Antimicrobial Peptide Produced in Primate Leukocytes by the Ligation of Two Truncated $\alpha$ -Defensins. <i>Science</i> , 1999, 286, 498-502.	12.6	685
5	Paneth Cell Defensins and Innate Immunity of the Small Bowel. <i>Inflammatory Bowel Diseases</i> , 2001, 7, 43-50.	1.9	122
6	Functional Analysis of the $\alpha$ -Defensin Disulfide Array in Mouse Cryptdin-4. <i>Journal of Biological Chemistry</i> , 2004, 279, 44188-44196.	3.4	119
7	Salmonella Mitigates Oxidative Stress and Thrives in the Inflamed Gut by Evading Calprotectin-Mediated Manganese Sequestration. <i>Cell Host and Microbe</i> , 2016, 19, 814-825.	11.0	109
8	Essential role of IFN- $\gamma$ in T cell-associated intestinal inflammation. <i>JCI Insight</i> , 2018, 3, .	5.0	83
9	Defensin-mediated innate immunity in the small intestine. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2004, 18, 405-419.	2.4	82
10	Structural Determinants of Procryptdin Recognition and Cleavage by Matrix Metalloproteinase-7. <i>Journal of Biological Chemistry</i> , 2003, 278, 7910-7919.	3.4	80
11	Microbicidal Properties and Cytocidal Selectivity of Rhesus Macaque Theta Defensins. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 944-953.	3.2	80
12	Rhesus Macaque Theta Defensins Suppress Inflammatory Cytokines and Enhance Survival in Mouse Models of Bacteremic Sepsis. <i>PLoS ONE</i> , 2012, 7, e51337.	2.5	70
13	Electropositive Charge in $\alpha$ -Defensin Bactericidal Activity: Functional Effects of Lys-for-Arg Substitutions Vary with the Peptide Primary Structure. <i>Infection and Immunity</i> , 2009, 77, 5035-5043.	2.2	57
14	Rhesus macaque $\beta$ -defensin isoforms: expression, antimicrobial activities, and demonstration of a prominent role in neutrophil granule microbicidal activities. <i>Journal of Leukocyte Biology</i> , 2010, 89, 283-290.	3.3	54
15	Structural and Functional Characterization of the Conserved Salt Bridge in Mammalian Paneth Cell $\alpha$ -Defensins. <i>Journal of Biological Chemistry</i> , 2006, 281, 28068-28078.	3.4	40
16	Rhesus macaque $\beta$ -defensin RTD-1 inhibits proinflammatory cytokine secretion and gene expression by inhibiting the activation of NF- $\kappa$ B and MAPK pathways. <i>Journal of Leukocyte Biology</i> , 2015, 98, 1061-1070.	3.3	40
17	Solution Structure of Cryptdin-4, a Mouse Paneth Cell $\alpha$ -Defensin. <i>Biochemistry</i> , 2004, 43, 15759-15766.	2.5	37
18	The $\alpha$ -defensin salt-bridge induces backbone stability to facilitate folding and confer proteolytic resistance. <i>Amino Acids</i> , 2012, 43, 1471-1483.	2.7	29

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19	Fungicidal Potency and Mechanisms of $\delta$ -Defensins against Multidrug-Resistant <i>Candida</i> Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	28
20	Macrocyclic $\delta$ -defensins suppress tumor necrosis factor- $\alpha$ (TNF- $\alpha$ ) shedding by inhibition of TNF- $\alpha$ -converting enzyme. <i>Journal of Biological Chemistry</i> , 2018, 293, 2725-2734.	3.4	28
21	Microbicidal effects of $\delta$ - and $\theta$ -defensins against antibiotic-resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Innate Immunity</i> , 2015, 21, 17-29.	2.4	25
22	Anionic Amino Acids near the Pro- $\delta$ -defensin N Terminus Mediate Inhibition of Bactericidal Activity in Mouse Pro-cryptdin-4. <i>Journal of Biological Chemistry</i> , 2009, 284, 6826-6831.	3.4	23
23	Rhesus Theta Defensin 1 Promotes Long Term Survival in Systemic Candidiasis by Host Directed Mechanisms. <i>Scientific Reports</i> , 2019, 9, 16905.	3.3	22
24	A Requirement for Metamorphic Interconversion in the Antimicrobial Activity of Chemokine XCL1. <i>Biochemistry</i> , 2016, 55, 3784-3793.	2.5	15
25	Suppression and resolution of autoimmune arthritis by rhesus $\delta$ -defensin-1, an immunomodulatory macrocyclic peptide. <i>PLoS ONE</i> , 2017, 12, e0187868.	2.5	13
26	RTD-1 therapeutically normalizes synovial gene signatures in rat autoimmune arthritis and suppresses proinflammatory mediators in RA synovial fibroblasts. <i>Physiological Genomics</i> , 2019, 51, 657-667.	2.3	10
27	Host Defense Peptides as Templates for Antifungal Drug Development. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1078. <small>Tj ETQq1 1 0.784314 rgBT /Overlock 3.5 10</small>	3.5	10
28	HD6 Defensin Nanonets. <i>Science</i> , 2012, 337, 420-421.	12.6	9
29	p300 Serine 89: A Critical Signaling Integrator and Its Effects on Intestinal Homeostasis and Repair. <i>Cancers</i> , 2021, 13, 1288.	3.7	8
30	<i>Entamoeba histolytica</i> Alters Ileal Paneth Cell Functions in Intact and Muc2 Mucin Deficiency. <i>Infection and Immunity</i> , 2018, 86, .	2.2	7
31	Inhibition of bactericidal activity is maintained in a mouse $\delta$ -defensin precursor with proregion truncations. <i>Peptides</i> , 2010, 31, 9-15.	2.4	5
32	A host-directed macrocyclic peptide therapeutic for MDR gram negative bacterial infections. <i>Scientific Reports</i> , 2021, 11, 23447.	3.3	3
33	Anti-Inflammatory Effects of RTD-1 in a Murine Model of Chronic <i>Pseudomonas aeruginosa</i> Lung Infection: Inhibition of NF- $\kappa$ B, Inflammasome Gene Expression, and Pro-IL-1 $\beta$ Biosynthesis. <i>Antibiotics</i> , 2021, 10, 1043.	3.7	2
34	A conserved $\delta$ -bulge glycine residue facilitates folding and increases stability of the mouse $\delta$ -defensin cryptdin-4. <i>Peptide Science</i> , 2022, 114, e24250.	1.8	1
35	Diversity and activation of rhesus Paneth cell $\delta$ -defensins. <i>FASEB Journal</i> , 2010, 24, 952.8.	0.5	0
36	Paneth Cell $\delta$ -Defensin Polymorphisms in C57Bl/6 Mice and Identification of Vestigial Myeloid $\delta$ -Defensin Genes in the Mouse Genome. <i>FASEB Journal</i> , 2010, 24, 518.2.	0.5	0

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37	Postsecretory activation of Paneth cell Î²-defensins in the cecal and colonic lumen of matrix metalloproteinase-7 null mice. FASEB Journal, 2010, 24, 952.7.	0.5	0
38	Proximity of proregion anionic residues to the mature region maintains proCryptdin-4 inhibition. FASEB Journal, 2010, 24, 521.2.	0.5	0
39	Introduction of protein transduction domains to the N-terminus of Î²-defensins influences microbicidal activity. FASEB Journal, 2010, 24, 117.7.	0.5	0
40	Antimicrobial Peptide Effectors of Small Intestinal Innate Immunity. , 0, , 191-221.		0