Michael G Caparon

List of Publications by Year
in descending order

42 papers	4,820 citations	304743 22 h-index	434195 31 g-index
45 all docs	45 docs citations	45 times ranked	6025 citing authors

#	Article	IF	Citations
1	Urinary tract infections: epidemiology, mechanisms of infection and treatment options. Nature Reviews Microbiology, 2015, 13, 269-284.	28.6	2,406
2	Lactobacillus reuteri induces gut intraepithelial CD4 ⁺ CD8Î±Î± ⁺ T cells. Science, 2017, 357, 806-810.	12.6	543
3	Mutation of luxS affects growth and virulence factor expression in Streptococcus pyogenes. Molecular Microbiology, 2001, 42, 145-157.	2.5	172
4	Protein F: an adhesin of Streptococcus pyogenes binds fibronectin via two distinct domains. Molecular Microbiology, 1993, 10, 1049-1055.	2.5	134
5	Positive transcriptional control of mry regulates virulence in the group A streptococcus. Molecular Microbiology, 1993, 7, 893-903.	2.5	130
6	Protein F2, a novel fibronectinâ€binding protein from Streptococcus pyogenes , possesses two binding domains. Molecular Microbiology, 1996, 21, 373-384.	2.5	130
7	EbpA vaccine antibodies block binding of Enterococcus faecalis to fibrinogen to prevent catheter-associated bladder infection in mice. Science Translational Medicine, 2014, 6, 254ra127.	12.4	130
8	The identification of rofA, a positive-acting regulatory component of prtF expression: use of an m??-based shuttle mutagenesis strategy in Streptococcus pyogenes. Molecular Microbiology, 1994, 11, 671-684.	2.5	118
9	The Metal Ion-Dependent Adhesion Site Motif of the Enterococcus faecalis EbpA Pilin Mediates Pilus Function in Catheter-Associated Urinary Tract Infection. MBio, 2012, 3, e00177-12.	4.1	118
10	Streptolysin O and adherence synergistically modulate proinflammatory responses of keratinocytes to group A streptococci. Molecular Microbiology, 1998, 27, 337-346.	2.5	111
11	Catheterization alters bladder ecology to potentiate Staphylococcus aureus infection of the urinary tract. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8721-E8730.	7.1	93
12	Streptococcus pyogenes protein F promotes invasion of HeLa cells. Microbiology (United Kingdom), 1998, 144, 3079-3086.	1.8	89
13	Adherence and fibronectin binding are environmentally regulated in the group A streptococci. Molecular Microbiology, 1993, 9, 1213-1222.	2.5	76
14	Streptococcus pyogenes protein F promotes invasion of HeLa cells. Microbiology (United Kingdom), 1998, 144, 3079-3086.	1.8	72
15	Fibrinogen Release and Deposition on Urinary Catheters Placed during Urological Procedures. Journal of Urology, 2016, 196, 416-421.	0.4	68
16	Antibody-Based Therapy for Enterococcal Catheter-Associated Urinary Tract Infections. MBio, 2016, 7, .	4.1	48
17	Host and bacterial proteases influence biofilm formation and virulence in a murine model of enterococcal catheter-associated urinary tract infection. Npj Biofilms and Microbiomes, 2017, 3, 28.	6.4	48
18	Citrulline Protects Streptococcus pyogenes from Acid Stress Using the Arginine Deiminase Pathway and the F₁F_o-ATPase. Journal of Bacteriology, 2015, 197, 1288-1296.	2.2	45

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19	TheStreptococcus pyogenesâ€...NAD⁺glycohydrolase modulates epithelial cell PARylation and HMGB1 release. Cellular Microbiology, 2015, 17, 1376-1390.	2.1	43
20	The NADase-Negative Variant of the Streptococcus pyogenes Toxin NAD ⁺ Glycohydrolase Induces JNK1-Mediated Programmed Cellular Necrosis. MBio, 2016, 7, e02215-15.	4.1	39
21	New name for the positive regulator of the M protein of group A Streptococcus. Molecular Microbiology, 1995, 17, 799-799.	2.5	29
22	Dual modes of membrane binding direct pore formation by <scp>S</scp>treptolysin <scp>O</scp>. Molecular Microbiology, 2015, 97, 1036-1050.	2.5	29
23	Mucosal infection rewires TNFÉ‘ signaling dynamics to skew susceptibility to recurrence. ELife, 2019, 8, .	6.0	24
24	Streptococcus pyogenes Polymyxin B-Resistant Mutants Display Enhanced ExPortal Integrity. Journal of Bacteriology, 2014, 196, 2563-2577.	2.2	23
25	High-resolution imaging reveals microbial biofilms on patient urinary catheters despite antibiotic administration. World Journal of Urology, 2020, 38, 2237-2245.	2.2	22
26	Complete Genome Sequences ofemm6 Streptococcus pyogenes JRS4 and Parental Strain D471. Genome Announcements, 2015, 3, .	0.8	18
27	SpxA1 and SpxA2 Act Coordinately To Fine-Tune Stress Responses and Virulence in Streptococcus pyogenes. MBio, 2017, 8, .	4.1	18
28	Streptococcus pyogenes Malate Degradation Pathway Links pH Regulation and Virulence. Infection and Immunity, 2015, 83, 1162-1171.	2.2	14
29	Glutathione Synthesis Contributes to Virulence of Streptococcus agalactiae in a Murine Model of Sepsis. Journal of Bacteriology, 2019, 201, .	2.2	8
30	Genetics of Group A Streptococci. Microbiology Spectrum, 2019, 7, .	3.0	6
31	Structure and Assembly of Type IV Pilins. , 0, , 81-100.		4
32	Type IV Secretion Machinery. , 0, , 179-221.		3
33	Streptococcus. , 0, , 53-63.		3
34	Rifampin resistance mutations in the rpoB gene of Enterococcus faecalis impact host macrophage cytokine production. Cytokine, 2022, 151, 155788.	3.2	3
35	Two-Component Signal Transduction and Chemotaxis. , 0, , 17-36.		2
36	Regulation of Bacterial Transcription by Anti-Ïƒ Factors. , 0, , 1-16.		1

#	Article	IF	Citations
37	Injectosomes in Gram-Positive Bacteria. , 0, , 223-239.		0
38	The Chaperone-Usher Pathway of Pilus Fiber Biogenesis. , 0, , 69-79.		0
39	Host Receptors of Bacterial Origin. , 0, , 49-68.		0
40	Structural Determinants of Haemophilus influenzae Adherence to Host Epithelia: Variations on Type V Secretion. , 0, , 129-148.		0
41	Type III Secretion Machinery and Effectors. , 0, , 149-177.		0
42	Toll/Interleukin-1 Receptors and Innate Immunity. , 0, , 241-263.		0