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	Rifampin resistance mutations in the rpoB gene of Enterococcus faecalis impact host macrophage cytokine production. Cytokine, 2022, 151, 155788.	3.2	3
2	High-resolution imaging reveals microbial biofilms on patient urinary catheters despite antibiotic administration. World Journal of Urology, 2020, 38, 2237-2245.	2.2	22
3	Glutathione Synthesis Contributes to Virulence of Streptococcus agalactiae in a Murine Model of Sepsis. Journal of Bacteriology, 2019, 201, .	2.2	8
4	Genetics of Group A Streptococci. Microbiology Spectrum, 2019, 7, .	3.0	6
5	Mucosal infection rewires TNFÉ‘ signaling dynamics to skew susceptibility to recurrence. ELife, 2019, 8, .	6.0	24
6	SpxA1 and SpxA2 Act Coordinately To Fine-Tune Stress Responses and Virulence in Streptococcus pyogenes. MBio, 2017, 8, .	4.1	18
7	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
8	Lactobacillus reuteri induces gut intraepithelial CD4 ⁺ CD8Î±Î± ⁺ T cells. Science, 2017, 357, 806-810.	12.6	543
9	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
10	Antibody-Based Therapy for Enterococcal Catheter-Associated Urinary Tract Infections. MBio, 2016, 7, .	4.1	48
11	Fibrinogen Release and Deposition on Urinary Catheters Placed during Urological Procedures. Journal of Urology, 2016, 196, 416-421.	0.4	68
12	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
13	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
14	TheStreptococcus pyogenesâ€…NAD⁺glycohydrolase modulates epithelial cell PARylation and HMGB1 release. Cellular Microbiology, 2015, 17, 1376-1390.	2.1	43
15	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
16	Streptococcus pyogenes Malate Degradation Pathway Links pH Regulation and Virulence. Infection and Immunity, 2015, 83, 1162-1171.	2.2	14
17	Complete Genome Sequences ofemm6 Streptococcus pyogenes JRS4 and Parental Strain D471. Genome Announcements, 2015, 3, .	0.8	18
18	Urinary tract infections: epidemiology, mechanisms of infection and treatment options. Nature Reviews Microbiology, 2015, 13, 269-284.	28.6	2,406

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19	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
20	Streptococcus pyogenes Polymyxin B-Resistant Mutants Display Enhanced ExPortal Integrity. Journal of Bacteriology, 2014, 196, 2563-2577.	2.2	23
21	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
22	Mutation of luxS affects growth and virulence factor expression in Streptococcus pyogenes. Molecular Microbiology, 2001, 42, 145-157.	2.5	172
23	Streptolysin O and adherence synergistically modulate proinflammatory responses of keratinocytes to group A streptococci. Molecular Microbiology, 1998, 27, 337-346.	2.5	111
24	Streptococcus pyogenes protein F promotes invasion of HeLa cells. Microbiology (United Kingdom), 1998, 144, 3079-3086.	1.8	89
25	Streptococcus pyogenes protein F promotes invasion of HeLa cells. Microbiology (United Kingdom), 1998, 144, 3079-3086.	1.8	72
26	Protein F2, a novel fibronectinâ€binding protein from Streptococcus pyogenes , possesses two binding domains. Molecular Microbiology, 1996, 21, 373-384.	2.5	130
27	New name for the positive regulator of the M protein of group A Streptococcus. Molecular Microbiology, 1995, 17, 799-799.	2.5	29
28	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
29	Adherence and fibronectin binding are environmentally regulated in the group A streptococci. Molecular Microbiology, 1993, 9, 1213-1222.	2.5	76
30	Protein F: an adhesin of Streptococcus pyogenes binds fibronectin via two distinct domains. Molecular Microbiology, 1993, 10, 1049-1055.	2.5	134
31	Positive transcriptional control of mry regulates virulence in the group A streptococcus. Molecular Microbiology, 1993, 7, 893-903.	2.5	130
32	Injectosomes in Gram-Positive Bacteria. , 0, , 223-239.		0
33	Regulation of Bacterial Transcription by Anti-Ïƒ Factors. , 0, , 1-16.		1
34	Type IV Secretion Machinery. , 0, , 179-221.		3
35	Two-Component Signal Transduction and Chemotaxis. , 0, , 17-36.		2
36	Structure and Assembly of Type IV Pilins. , 0, , 81-100.		4

#	Article	IF	Citations
37	The Chaperone-Usher Pathway of Pilus Fiber Biogenesis. , 0, , 69-79.		0
38	Host Receptors of Bacterial Origin. , 0, , 49-68.		0
39	Structural Determinants of Haemophilus influenzae Adherence to Host Epithelia: Variations on Type V Secretion. , 0, , 129-148.		0
40	Streptococcus. , 0, , 53-63.		3
41	Type III Secretion Machinery and Effectors. , 0, , 149-177.		0
42	Toll/Interleukin-1 Receptors and Innate Immunity. , 0, , 241-263.		0