

Timothy J Foster

List of Publications by Year in descending order

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48
papers

4,708
citations

117625

34
h-index

197818

49
g-index

50
all docs

50
docs citations

50
times ranked

5520
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesion, invasion and evasion: the many functions of the surface proteins of <i>Staphylococcus aureus</i> . <i>Nature Reviews Microbiology</i> , 2014, 12, 49-62.	28.6	1,136
2	Fibronectin-binding protein acts as <i>Staphylococcus aureus</i> invasin via fibronectin bridging to integrin alpha5beta1. <i>Cellular Microbiology</i> , 1999, 1, 101-117.	2.1	505
3	<i>Staphylococcus aureus</i> and Atopic Dermatitis: A Complex and Evolving Relationship. <i>Trends in Microbiology</i> , 2018, 26, 484-497.	7.7	310
4	Protein-based biofilm matrices in <i>Staphylococci</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 171.	3.9	195
5	Complete Bypass of Restriction Systems for Major <i>Staphylococcus aureus</i> Lineages. <i>MBio</i> , 2015, 6, e00308-15.	4.1	168
6	Zinc-dependent mechanical properties of <i>Staphylococcus aureus</i> biofilm-forming surface protein SasG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 410-415.	7.1	144
7	The dipeptide repeat region of the fibrinogen-binding protein (clumping factor) is required for functional expression of the fibrinogen-binding domain on the <i>Staphylococcus aureus</i> cell surface. <i>Molecular Microbiology</i> , 1997, 25, 1065-1076.	2.5	134
8	Memory Th1 Cells Are Protective in Invasive <i>Staphylococcus aureus</i> Infection. <i>PLoS Pathogens</i> , 2015, 11, e1005226.	4.7	132
9	The Sbi Protein Is a Multifunctional Immune Evasion Factor of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2011, 79, 3801-3809.	2.2	114
10	The MSCRAMM Family of Cell-Wall-Anchored Surface Proteins of Gram-Positive Cocci. <i>Trends in Microbiology</i> , 2019, 27, 927-941.	7.7	114
11	<i>Staphylococcus aureus</i> Fibronectin-Binding Protein A Mediates Cell-Cell Adhesion through Low-Affinity Homophilic Bonds. <i>MBio</i> , 2015, 6, e00413-15.	4.1	103
12	The Genetics and Biochemistry of Mercury Resistance. <i>CRC Critical Reviews in Microbiology</i> , 1987, 15, 117-140.	4.8	91
13	Genome sequence of <i>Staphylococcus lugdunensis</i> N920143 allows identification of putative colonization and virulence factors. <i>FEMS Microbiology Letters</i> , 2011, 322, 60-67.	1.8	90
14	Direct interaction of iron-regulated surface determinant IsdB of <i>Staphylococcus aureus</i> with the GPIIb/IIIa receptor on platelets. <i>Microbiology (United Kingdom)</i> , 2010, 156, 920-928.	1.8	87
15	Manipulation of Autophagy in Phagocytes Facilitates <i>Staphylococcus aureus</i> Bloodstream Infection. <i>Infection and Immunity</i> , 2015, 83, 3445-3457.	2.2	81
16	Molecular interactions and inhibition of the staphylococcal biofilm-forming protein SdrC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3738-3743.	7.1	81
17	Clumping Factor B Promotes Adherence of <i>Staphylococcus aureus</i> to Corneocytes in Atopic Dermatitis. <i>Infection and Immunity</i> , 2017, 85, .	2.2	79
18	Iron-Regulated Surface Determinant Protein A Mediates Adhesion of <i>Staphylococcus aureus</i> to Human Corneocyte Envelope Proteins. <i>Infection and Immunity</i> , 2009, 77, 2408-2416.	2.2	78

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19	Staphylococcus aureus protein A binding to osteoblast tumour necrosis factor receptor 1 results in activation of nuclear factor kappa B and release of interleukin-6 in bone infection. Microbiology (United Kingdom), 2013, 159, 147-154.	1.8	74
20	Alpha-Toxin Damages the Air-Blood Barrier of the Lung in a Rat Model of <i>Staphylococcus aureus</i> -Induced Pneumonia. Infection and Immunity, 1999, 67, 5541-5544.	2.2	73
21	Mechanical Strength and Inhibition of the Staphylococcus aureus Collagen-Binding Protein Cna. MBio, 2016, 7, .	4.1	65
22	Can β -Lactam Antibiotics Be Resurrected to Combat MRSA?. Trends in Microbiology, 2019, 27, 26-38.	7.7	64
23	Molecular Characterization of the Interaction of Staphylococcal Microbial Surface Components Recognizing Adhesive Matrix Molecules (MSCRAMM) ClfA and Fbl with Fibrinogen. Journal of Biological Chemistry, 2010, 285, 6208-6216.	3.4	62
24	Immune evasion by Staphylococcus aureus conferred by iron-regulated surface determinant protein IsdH. Microbiology (United Kingdom), 2009, 155, 667-679.	1.8	60
25	IsdC from Staphylococcus lugdunensis Induces Biofilm Formation under Low-Iron Growth Conditions. Infection and Immunity, 2014, 82, 2448-2459.	2.2	53
26	Single-Cell and Single-Molecule Analysis Unravels the Multifunctionality of the <i>Staphylococcus aureus</i> Collagen-Binding Protein Cna. ACS Nano, 2017, 11, 2160-2170.	14.6	47
27	Surface Proteins of Staphylococcus epidermidis. Frontiers in Microbiology, 2020, 11, 1829.	3.5	46
28	Staphylococcus lugdunensis IsdG Liberates Iron from Host Heme. Journal of Bacteriology, 2011, 193, 4749-4757.	2.2	43
29	Iron-Regulated Surface Determinant (Isd) Proteins of Staphylococcus lugdunensis. Journal of Bacteriology, 2012, 194, 6453-6467.	2.2	43
30	Cell Wall-Anchored Surface Proteins of Staphylococcus aureus: Many Proteins, Multiple Functions. Current Topics in Microbiology and Immunology, 2015, 409, 95-120.	1.1	43
31	Staphylococcus lugdunensis: a Skin Commensal with Invasive Pathogenic Potential. Clinical Microbiology Reviews, 2021, 34, .	13.6	43
32	Sortase A promotes virulence in experimental Staphylococcus lugdunensis endocarditis. Microbiology (United Kingdom), 2013, 159, 2141-2152.	1.8	40
33	Fibronectin-binding protein B (FnBPB) from Staphylococcus aureus protects against the antimicrobial activity of histones. Journal of Biological Chemistry, 2019, 294, 3588-3602.	3.4	39
34	Fibronectin Binding Proteins SpsD and SpsL Both Support Invasion of Canine Epithelial Cells by Staphylococcus pseudintermedius. Infection and Immunity, 2015, 83, 4093-4102.	2.2	35
35	Lessons from the Crystal Structure of the S. aureus Surface Protein Clumping Factor A in Complex With Tefibazumab, an Inhibiting Monoclonal Antibody. EBioMedicine, 2016, 13, 328-338.	6.1	33
36	Mining the Methylome Reveals Extensive Diversity in Staphylococcus epidermidis Restriction Modification. MBio, 2019, 10, .	4.1	28

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37	Fibrinogen Activates the Capture of Human Plasminogen by Staphylococcal Fibronectin-Binding Proteins. <i>MBio</i> , 2017, 8, .	4.1	26
38	Complement regulator C4BP binds to <i>Staphylococcus aureus</i> surface proteins SdrE and Bbp inhibiting bacterial opsonization and killing. <i>Results in Immunology</i> , 2013, 3, 114-121.	2.2	23
39	An Iron-Regulated Autolysin Remodels the Cell Wall To Facilitate Heme Acquisition in <i>Staphylococcus lugdunensis</i> . <i>Infection and Immunity</i> , 2015, 83, 3578-3589.	2.2	23
40	Competing for Iron: Duplication and Amplification of the <i>isd</i> Locus in <i>Staphylococcus lugdunensis</i> HKU09-01 Provides a Competitive Advantage to Overcome Nutritional Limitation. <i>PLoS Genetics</i> , 2016, 12, e1006246.	3.5	22
41	The iron-regulated surface determinant B (IsdB) protein from <i>Staphylococcus aureus</i> acts as a receptor for the host protein vitronectin. <i>Journal of Biological Chemistry</i> , 2020, 295, 10008-10022.	3.4	21
42	A short sequence within subdomain N1 of region A of the <i>Staphylococcus aureus</i> MSCRAMM clumping factor A is required for export and surface display. <i>Microbiology (United Kingdom)</i> , 2014, 160, 659-670.	1.8	18
43	Live-Cell Nanoscopy in Antiadhesion Therapy. <i>Trends in Microbiology</i> , 2017, 25, 512-514.	7.7	12
44	<i>Staphylococcus aureus</i> iron-regulated surface determinant B (IsdB) protein interacts with von Willebrand factor and promotes adherence to endothelial cells. <i>Scientific Reports</i> , 2021, 11, 22799.	3.3	11
45	The phage integrase vector pPI03 allows RecA -independent, site-specific labelling of <i>Staphylococcus lugdunensis</i> strains. <i>Plasmid</i> , 2013, 70, 377-384.	1.4	5
46	Allantodapson is a Pan-Inhibitor of <i>Staphylococcus aureus</i> Adhesion to Fibrinogen, Loricrin, and Cytokeratin 10. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	2
47	Editorial: Cell Surface Proteins of Gram-Positive Pathogenic Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 681880.	3.5	1
48	<i>Staphylococcus Epidermidis</i> Induced Platelet Aggregation Is Mediated by the Fibrinogen Binding Surface Protein SdrG.. <i>Blood</i> , 2004, 104, 3532-3532.	1.4	0