

# Lorena Tuchscher

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,211  
citations

257450  
24  
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345221  
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g-index

38  
all docs

38  
docs citations

38  
times ranked

2663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Staphylococcus aureus Î±-Toxin Effect on Acinetobacter baumannii Behavior. <i>Biology</i> , 2022, 11, 570.	2.8	4
2	Human macrophage polarization determines bacterial persistence of Staphylococcus aureus in a liver-on-chip-based infection model. <i>Biomaterials</i> , 2022, 287, 121632.	11.4	13
3	Intracellular persistence of <i>Staphylococcus aureus</i> in endothelial cells is promoted by the absence of phenol-soluble modulins. <i>Virulence</i> , 2021, 12, 1186-1198.	4.4	17
4	Staphylococcus aureus Toxins: Promoter or Handicap during Infection?. <i>Toxins</i> , 2021, 13, 287.	3.4	3
5	Correlation of crystal violet biofilm test results of <i>Staphylococcus aureus</i> clinical isolates with Raman spectroscopic readout. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 2660-2670.	2.5	18
6	Exotoxins from Staphylococcus aureus activate 5-lipoxygenase and induce leukotriene biosynthesis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3841-3858.	5.4	16
7	Staphylococcus aureus-Derived Î±-Hemolysin Evokes Generation of Specialized Pro-resolving Mediators Promoting Inflammation Resolution. <i>Cell Reports</i> , 2020, 33, 108247.	6.4	47
8	Acapsular Staphylococcus aureus with a non-functional agr regains capsule expression after passage through the bloodstream in a bacteremia mouse model. <i>Scientific Reports</i> , 2020, 10, 14108.	3.3	8
9	Persistence of Staphylococcus aureus: Multiple Metabolic Pathways Impact the Expression of Virulence Factors in Small-Colony Variants (SCVs). <i>Frontiers in Microbiology</i> , 2020, 11, 1028.	3.5	67
10	Clinically Approved Drugs Inhibit the Staphylococcus aureus Multidrug NorA Efflux Pump and Reduce Biofilm Formation. <i>Frontiers in Microbiology</i> , 2019, 10, 2762.	3.5	58
11	A Study on Acinetobacter baumannii and Staphylococcus aureus Strains Recovered from the Same Infection Site of a Diabetic Patient. <i>Current Microbiology</i> , 2019, 76, 842-847.	2.2	27
12	Clinical S. aureus Isolates Vary in Their Virulence to Promote Adaptation to the Host. <i>Toxins</i> , 2019, 11, 135.	3.4	36
13	Staphylococcus aureus requires less virulence to establish an infection in diabetic hosts. <i>International Journal of Medical Microbiology</i> , 2018, 308, 761-769.	3.6	17
14	A Novel Mouse Model of Staphylococcus aureus Vascular Graft Infection. <i>American Journal of Pathology</i> , 2017, 187, 268-279.	3.8	20
15	Electrophoretic deposition of organic/inorganic composite coatings containing ZnO nanoparticles exhibiting antibacterial properties. <i>Materials Science and Engineering C</i> , 2017, 77, 780-789.	7.3	57
16	The Staphylococcus aureus extracellular matrix protein (Emp) has a fibrous structure and binds to different extracellular matrices. <i>Scientific Reports</i> , 2017, 7, 13665.	3.3	22
17	Optimized efflux assay for the NorA multidrug efflux pump in Staphylococcus aureus. <i>Journal of Microbiological Methods</i> , 2017, 142, 39-40.	1.6	12
18	Staphylococcus aureus Regulator Sigma B is Important to Develop Chronic Infections in Hematogenous Murine Osteomyelitis Model. <i>Pathogens</i> , 2017, 6, 31.	2.8	28

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19	Î±-Hemolysin enhances <i>Staphylococcus aureus</i> internalization and survival within mast cells by modulating the expression of Î²1 integrin. Cellular Microbiology, 2016, 18, 807-819.	2.1	29
20	<i>Staphylococcus aureus</i> develops increased resistance to antibiotics by forming dynamic small colony variants during chronic osteomyelitis. Journal of Antimicrobial Chemotherapy, 2016, 71, 438-448.	3.0	118
21	<i>Staphylococcus aureus</i> dynamically adapts global regulators and virulence factor expression in the course from acute to chronic infection. Current Genetics, 2016, 62, 15-17.	1.7	67
22	Aspects of pulmonary drug delivery strategies for infections in cystic fibrosis “where do we stand?. Expert Opinion on Drug Delivery, 2015, 12, 1351-1374.	5.0	53
23	Sigma Factor SigB Is Crucial to Mediate <i>Staphylococcus aureus</i> Adaptation during Chronic Infections. PLoS Pathogens, 2015, 11, e1004870.	4.7	150
24	Selective Inactivation of Resistant Gram-Positive Pathogens with a Light-Driven Hybrid Nanomaterial. ACS Applied Materials & Interfaces, 2015, 7, 20965-20971.	8.0	25
25	<i>Staphylococcus aureus</i> isolates from chronic osteomyelitis are characterized by high host cell invasion and intracellular adaptation, but still induce inflammation. International Journal of Medical Microbiology, 2014, 304, 1038-1049.	3.6	84
26	<i>Staphylococcus aureus</i> persistence in non-professional phagocytes. International Journal of Medical Microbiology, 2014, 304, 170-176.	3.6	123
27	MRI Visualization of <i>Staphylococcus aureus</i> -Induced Infective Endocarditis in Mice. PLoS ONE, 2014, 9, e107179.	2.5	34
28	Bacteria tracking by in vivo magnetic resonance imaging. BMC Biology, 2013, 11, 63.	3.8	53
29	Combined Action of Influenza Virus and <i>Staphylococcus aureus</i> Pantón “Valentine Leukocidin Provokes Severe Lung Epithelium Damage. Journal of Infectious Diseases, 2012, 206, 1138-1148.	4.0	59
30	A Novel Mouse Model of <i>Staphylococcus aureus</i> Chronic Osteomyelitis That Closely Mimics the Human Infection. American Journal of Pathology, 2012, 181, 1206-1214.	3.8	107
31	Auxotrophic mutant of <i>Staphylococcus aureus</i> interferes with nasal colonization by the wild type. Microbes and Infection, 2011, 13, 1081-1090.	1.9	14
32	<i>Staphylococcus aureus</i> phenotype switching: an effective bacterial strategy to escape host immune response and establish a chronic infection. EMBO Molecular Medicine, 2011, 3, 129-141.	6.9	401
33	<i>Staphylococcus aureus</i> Small Colony Variants Are Adapted Phenotypes for Intracellular Persistence. Journal of Infectious Diseases, 2010, 202, 1031-1040.	4.0	240
34	<i>Staphylococcus aureus</i> adaptation to the host and persistence: role of loss of capsular polysaccharide expression. Future Microbiology, 2010, 5, 1823-1832.	2.0	63
35	Staphylococcal Strains Vary Greatly in Their Ability to Induce an Inflammatory Response in Endothelial Cells. Journal of Infectious Diseases, 2010, 201, 871-880.	4.0	53
36	Lack of changes in serum prolactin, FSH, TSH, and estradiol after melatonin treatment in doses that improve sleep and reduce benzodiazepine consumption in sleep-disturbed, middle-aged, and elderly patients. Journal of Pineal Research, 2001, 30, 34-42.	7.4	68