

# Lucia Bertuccini

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

2,324  
citations

201674  
27  
h-index

223800  
46  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey for virulence determinants among <i>Enterococcus faecalis</i> isolated from different sources. <i>Journal of Medical Microbiology</i> , 2004, 53, 13-20.	1.8	245
2	<i>Plasmodium falciparum</i> transmission stages accumulate in the human bone marrow. <i>Science Translational Medicine</i> , 2014, 6, 244re5.	12.4	239
3	<i>Enterococcus</i> spp. produces slime and survives in rat peritoneal macrophages. <i>Medical Microbiology and Immunology</i> , 2001, 190, 113-120.	4.8	133
4	Egress of <i>Plasmodium berghei</i> gametes from their host erythrocyte is mediated by the MDV-1/PEG3 protein. <i>Cellular Microbiology</i> , 2009, 11, 1272-1288.	2.1	100
5	Characterization of adherent-invasive <i>Escherichia coli</i> isolated from pediatric patients with inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 913-924.	1.9	98
6	Natural-Killer-Derived Extracellular Vesicles: Immune Sensors and Interactors. <i>Frontiers in Immunology</i> , 2020, 11, 262.	4.8	87
7	A perforin-like protein mediates disruption of the erythrocyte membrane during egress of <i>Plasmodium berghei</i> male gametocytes. <i>Cellular Microbiology</i> , 2013, 15, 1438-1455.	2.1	83
8	The role of osmiophilic bodies and Pfg377 expression in female gametocyte emergence and mosquito infectivity in the human malaria parasite <i>Plasmodium falciparum</i> . <i>Molecular Microbiology</i> , 2008, 67, 278-290.	2.5	80
9	Critical role for a stage-specific actin in male exflagellation of the malaria parasite. <i>Cellular Microbiology</i> , 2011, 13, 1714-1730.	2.1	79
10	Revisiting gametocyte biology in malaria parasites. <i>FEMS Microbiology Reviews</i> , 2019, 43, 401-414.	8.6	78
11	Early gametocytes of the malaria parasite <i>Plasmodium falciparum</i> specifically remodel the adhesive properties of infected erythrocyte surface. <i>Cellular Microbiology</i> , 2013, 15, 647-659.	2.1	74
12	Effects of <i>Lactobacillus rhamnosus</i> and <i>Lactobacillus acidophilus</i> on bacterial vaginal pathogens. <i>International Journal of Immunopathology and Pharmacology</i> , 2017, 30, 163-167.	2.1	58
13	CRISPR-Cas9 modified <i>pfm-dr1</i> protects <i>Plasmodium falciparum</i> asexual blood stages and gametocytes against a class of piperazine-containing compounds but potentiates artemisinin-based combination therapy partner drugs. <i>Molecular Microbiology</i> , 2016, 101, 381-393.	2.5	56
14	Molecular characterisation of a novel family of cysteine-rich proteins of <i>Toxoplasma gondii</i> and ultrastructural evidence of oocyst wall localisation. <i>International Journal for Parasitology</i> , 2010, 40, 1639-1649.	3.1	55
15	The Periplasmic Protein TolB as a Potential Drug Target in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2014, 9, e103784.	2.5	52
16	Differential Adhesive Properties of Sequestered Asexual and Sexual Stages of <i>Plasmodium falciparum</i> on Human Endothelial Cells Are Tissue Independent. <i>PLoS ONE</i> , 2012, 7, e31567.	2.5	51
17	<i>Plasmodium falciparum</i> : mRNA co-expression and protein co-localisation of two gene products upregulated in early gametocytes. <i>Experimental Parasitology</i> , 2007, 116, 497-503.	1.2	46
18	Distinct properties of the egress-related osmiophilic bodies in male and female gametocytes of the rodent malaria parasite <i>Plasmodium berghei</i> . <i>Cellular Microbiology</i> , 2015, 17, 355-368.	2.1	46

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19	Glycosaminoglycans Mediate Invasion and Survival of <i>Enterococcus faecalis</i> into Macrophages. <i>Journal of Infectious Diseases</i> , 2005, 191, 1253-1262.	4.0	45
20	Variant <i>esp</i> gene as a marker of a distinct genetic lineage of vancomycin-resistant <i>Enterococcus faecium</i> . <i>Lancet</i> , The, 2001, 357, 1802.	13.7	43
21	Antibiotic resistance and genotypic characterization by PFGE of clinical and environmental isolates of enterococci. <i>FEMS Microbiology Letters</i> , 2001, 201, 205-211.	1.8	43
22	Comparative Proteomics and Functional Analysis Reveal a Role of <i>Plasmodium falciparum</i> Osmiophilic Bodies in Malaria Parasite Transmission. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 3243-3255.	3.8	40
23	The <i>Plasmodium falciparum</i> protein Pfg27 is dispensable for gametocyte and gamete production, but contributes to cell integrity during gametocytogenesis. <i>Molecular Microbiology</i> , 2009, 73, 180-193.	2.5	35
24	Functionalized Graphene Derivatives: Antibacterial Properties and Cytotoxicity. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-14.	2.7	34
25	Internalization of non-toxigenic <i>Corynebacterium diphtheriae</i> by cultured human respiratory epithelial cells. <i>Microbial Pathogenesis</i> , 2004, 37, 111-118.	2.9	32
26	Lactoferrin prevents invasion and inflammatory response following <i>E. coli</i> strain LF82 infection in experimental model of Crohn's disease. <i>Digestive and Liver Disease</i> , 2014, 46, 496-504.	0.9	31
27	Effect of Iron Limitation on Slime Production by <i>Staphylococcus aureus</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2001, 20, 343-345.	2.9	29
28	Syk inhibitors interfere with erythrocyte membrane modification during <i>P. falciparum</i> growth and suppress parasite egress. <i>Blood</i> , 2017, 130, 1031-1040.	1.4	28
29	Proteomic analysis of plasma exosomes from Cystic Echinococcosis patients provides in vivo support for distinct immune response profiles in active vs inactive infection and suggests potential biomarkers. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008586.	3.0	25
30	Erythrocyte Remodeling in <i>Plasmodium berghei</i> Infection: The Contribution of <i>SEIP</i> Family Members. <i>Traffic</i> , 2012, 13, 388-399.	2.7	24
31	A <i>Sphingomonas</i> bacterium interacting with epithelial cells. <i>Research in Microbiology</i> , 2004, 155, 636-646.	2.1	21
32	Diagnostic and prognostic potential of the proteomic profiling of serum-derived extracellular vesicles in prostate cancer. <i>Cell Death and Disease</i> , 2021, 12, 636.	6.3	20
33	<i>Plasmodium berghei</i> Gamete Egress Protein is required for fertility of both genders. <i>MicrobiologyOpen</i> , 2020, 9, e1038.	3.0	19
34	Regulated oligomerisation and molecular interactions of the early gametocyte protein Pfg27 in <i>Plasmodium falciparum</i> sexual differentiation. <i>International Journal for Parasitology</i> , 2010, 40, 663-673.	3.1	18
35	Essential role of <i>Plasmodium</i> perforin-like protein 4 in ookinete midgut passage. <i>PLoS ONE</i> , 2018, 13, e0201651.	2.5	17
36	The Fatty Acid and Protein Profiles of Circulating CD81-Positive Small Extracellular Vesicles Are Associated with Disease Stage in Melanoma Patients. <i>Cancers</i> , 2021, 13, 4157.	3.7	17

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37	Lipidic Profile Changes in Exosomes and Microvesicles Derived From Plasma of Monoclonal Antibody-Treated Psoriatic Patients. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	17
38	Invasion of HeLa cells by <i>Enterococcus faecalis</i> clinical isolates. <i>Medical Microbiology and Immunology</i> , 2002, 191, 25-31.	4.8	15
39	Bovine lactoferrin interacts with cable pili of <i>Burkholderia cenocepacia</i> . <i>BioMetals</i> , 2010, 23, 531-542.	4.1	12
40	The Crystal Structure of <i>Giardia duodenalis</i> 14-3-3 in the Apo Form: When Protein Post-Translational Modifications Make the Difference. <i>PLoS ONE</i> , 2014, 9, e92902.	2.5	12
41	Electrogenic and hydrocarbonoclastic biofilm at the oil-water interface as microbial responses to oil spill. <i>Water Research</i> , 2021, 197, 117092.	11.3	11
42	Invasive Pathway of <i>Listeria Ivanovii</i> in Human Amnion-Derived Wish Cells. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 509-518.	2.1	8
43	Lactobacilli and lactoferrin: Biotherapeutic effects for vaginal health. <i>Journal of Functional Foods</i> , 2018, 45, 86-94.	3.4	8
44	Thiazinoquinones as New Promising Multistage Schistosomicidal Compounds Impacting <i>Schistosoma mansoni</i> and Egg Viability. <i>ACS Infectious Diseases</i> , 2020, 6, 124-137.	3.8	8
45	Specific tagging of the egress-related osmiophilic bodies in the gametocytes of <i>Plasmodium falciparum</i> . <i>Malaria Journal</i> , 2012, 11, 88.	2.3	6
46	The bacterial protein CNF1 as a new strategy against <i>Plasmodium falciparum</i> cytoadherence. <i>PLoS ONE</i> , 2019, 14, e0213529.	2.5	6
47	Re-Discovery of Giardavirus: Genomic and Functional Analysis of Viruses from <i>Giardia duodenalis</i> Isolates. <i>Biomedicines</i> , 2021, 9, 654.	3.2	6
48	Functional Characterization of the Thrombospondin-Related Paralogous Proteins Rhoptry Discharge Factors 1 and 2 Unveils Phenotypic Plasticity in <i>Toxoplasma gondii</i> Rhoptry Exocytosis. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	6
49	Clonality Among <i>Enterococcus faecium</i> Clinical Isolates. <i>Microbial Drug Resistance</i> , 2005, 11, 141-145.	2.0	4
50	The Antihypertensive Drug Telmisartan Protects Oligodendrocytes from Cholesterol Accumulation and Promotes Differentiation by a PPAR- $\gamma$ -Mediated Mechanism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9434.	4.1	4
51	Effect of Iron Limitation on Slime Production by <i>Staphylococcus aureus</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2001, 20, 0343-0345.	2.9	4
52	Antibiotic resistance and genotypic characterization by PFGE of clinical and environmental isolates of enterococci. <i>FEMS Microbiology Letters</i> , 2001, 201, 205-211.	1.8	3
53	Necrotic Cell Death in Human Amniotic Cells Infected by <i>Listeria Monocytogenes</i> . <i>International Journal of Immunopathology and Pharmacology</i> , 2009, 22, 153-162.	2.1	2
54	Malaria transmission through the mosquito requires the function of the OMD protein. <i>PLoS ONE</i> , 2019, 14, e0222226.	2.5	2

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55	Silk Fibroin Scaffolds as Biomaterials for 3D Mesenchymal Stromal Cells Cultures. Applied Sciences (Switzerland), 2021, 11, 11345.	2.5	2
56	Chemical interactions and ecotoxicity effects between graphene oxide and <i>Lemna gibba</i> . Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 746-753.	2.1	1
57	Myelin like electrogenic filamentation and Liquid Microbial Fuel Cells Dataset. Data in Brief, 2022, 43, 108447.	1.0	1