

# Lucia Bertuccini

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

2,324  
citations

201385

27  
h-index

223531

46  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Myelin like electrogenic filamentation and Liquid Microbial Fuel Cells Dataset. Data in Brief, 2022, 43, 108447.	0.5	1
2	Chemical interactions and ecotoxicity effects between graphene oxide and <i>Lemna gibba</i> . Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 746-753.	1.0	1
3	Diagnostic and prognostic potential of the proteomic profiling of serum-derived extracellular vesicles in prostate cancer. Cell Death and Disease, 2021, 12, 636.	2.7	20
4	Re-Discovery of Giardavirus: Genomic and Functional Analysis of Viruses from Giardia duodenalis Isolates. Biomedicines, 2021, 9, 654.	1.4	6
5	Electrogenic and hydrocarbonoclastic biofilm at the oil-water interface as microbial responses to oil spill. Water Research, 2021, 197, 117092.	5.3	11
6	The Fatty Acid and Protein Profiles of Circulating CD81-Positive Small Extracellular Vesicles Are Associated with Disease Stage in Melanoma Patients. Cancers, 2021, 13, 4157.	1.7	17
7	The Antihypertensive Drug Telmisartan Protects Oligodendrocytes from Cholesterol Accumulation and Promotes Differentiation by a PPAR- $\beta$ -Mediated Mechanism. International Journal of Molecular Sciences, 2021, 22, 9434.	1.8	4
8	Silk Fibroin Scaffolds as Biomaterials for 3D Mesenchymal Stromal Cells Cultures. Applied Sciences (Switzerland), 2021, 11, 11345.	1.3	2
9	Thiazinoquinones as New Promising Multistage Schistosomicidal Compounds Impacting Schistosoma mansoni and Egg Viability. ACS Infectious Diseases, 2020, 6, 124-137.	1.8	8
10	<i>Plasmodium berghei</i> Gamete Egress Protein is required for fertility of both genders. MicrobiologyOpen, 2020, 9, e1038.	1.2	19
11	Natural-Killer-Derived Extracellular Vesicles: Immune Sensors and Interactors. Frontiers in Immunology, 2020, 11, 262.	2.2	87
12	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. PLoS Neglected Tropical Diseases, 2020, 14, e0008586.	1.3	25
13	Malaria transmission through the mosquito requires the function of the OMD protein. PLoS ONE, 2019, 14, e0222226.	1.1	2
14	Revisiting gametocyte biology in malaria parasites. FEMS Microbiology Reviews, 2019, 43, 401-414.	3.9	78
15	The bacterial protein CNF1 as a new strategy against Plasmodium falciparum cytoadherence. PLoS ONE, 2019, 14, e0213529.	1.1	6
16	Functionalized Graphene Derivatives: Antibacterial Properties and Cytotoxicity. Journal of Nanomaterials, 2019, 2019, 1-14.	1.5	34
17	Lactobacilli and lactoferrin: Biotherapeutic effects for vaginal health. Journal of Functional Foods, 2018, 45, 86-94.	1.6	8
18	Essential role of Plasmodium perforin-like protein 4 in ookinete midgut passage. PLoS ONE, 2018, 13, e0201651.	1.1	17

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19	Syk inhibitors interfere with erythrocyte membrane modification during <i>P falciparum</i> growth and suppress parasite egress. <i>Blood</i> , 2017, 130, 1031-1040.	0.6	28
20	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.	1.0	58
21	CRISPR-Cas9 modified <i>pfmdr1</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.	1.2	56
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.	2.5	40
23	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.	1.1	46
24	<i>Plasmodium falciparum</i> transmission stages accumulate in the human bone marrow. <i>Science Translational Medicine</i> , 2014, 6, 244re5.	5.8	239
25	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.	1.1	12
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.	0.4	31
27	The Periplasmic Protein TolB as a Potential Drug Target in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2014, 9, e103784.	1.1	52
28	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.	1.1	74
29	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.	1.1	83
30	Specific tagging of the egress-related osmiophilic bodies in the gametocytes of <i>Plasmodium falciparum</i> . <i>Malaria Journal</i> , 2012, 11, 88.	0.8	6
31	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.	1.1	51
32	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.	0.9	98
33	Erythrocyte Remodeling in <i>Plasmodium berghei</i> Infection: The Contribution of SEP Family Members. <i>Traffic</i> , 2012, 13, 388-399.	1.3	24
34	Critical role for a stage-specific actin in male exflagellation of the malaria parasite. <i>Cellular Microbiology</i> , 2011, 13, 1714-1730.	1.1	79
35	Bovine lactoferrin interacts with cable pili of <i>Burkholderia cenocepacia</i> . <i>BioMetals</i> , 2010, 23, 531-542.	1.8	12
36	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.	1.3	55

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37	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.	1.3	18
38	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.	1.0	2
39	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.	1.2	35
40	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.	1.1	100
41	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.	1.2	80
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.	1.0	8
43	<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.	0.5	46
44	Glycosaminoglycans Mediate Invasion and Survival of <i>Enterococcus faecalis</i> into Macrophages. <i>Journal of Infectious Diseases</i> , 2005, 191, 1253-1262.	1.9	45
45	Clonality Among <i>Enterococcus faecium</i> Clinical Isolates. <i>Microbial Drug Resistance</i> , 2005, 11, 141-145.	0.9	4
46	Survey for virulence determinants among <i>Enterococcus faecalis</i> isolated from different sources. <i>Journal of Medical Microbiology</i> , 2004, 53, 13-20.	0.7	245
47	A <i>Sphingomonas</i> bacterium interacting with epithelial cells. <i>Research in Microbiology</i> , 2004, 155, 636-646.	1.0	21
48	Internalization of non-toxigenic <i>Corynebacterium diphtheriae</i> by cultured human respiratory epithelial cells. <i>Microbial Pathogenesis</i> , 2004, 37, 111-118.	1.3	32
49	Invasion of HeLa cells by <i>Enterococcus faecalis</i> clinical isolates. <i>Medical Microbiology and Immunology</i> , 2002, 191, 25-31.	2.6	15
50	Variant <i>esp</i> gene as a marker of a distinct genetic lineage of vancomycin-resistant <i>Enterococcus faecium</i> . <i>Lancet, The</i> , 2001, 357, 1802.	6.3	43
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, 343-345.	1.3	29
52	<i>Enterococcus</i> spp. produces slime and survives in rat peritoneal macrophages. <i>Medical Microbiology and Immunology</i> , 2001, 190, 113-120.	2.6	133
53	Antibiotic resistance and genotypic characterization by PFGE of clinical and environmental isolates of enterococci. <i>FEMS Microbiology Letters</i> , 2001, 201, 205-211.	0.7	43
54	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.	1.3	4

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55	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, .	1.5	6
56	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, .	1.8	17