Sandra Sousa

List of Publications by Year
in descending order

39 papers	2,154 citations	361413 20 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	2586 citing authors

#	Article	IF	Citations
1	A critical role for peptidoglycan N-deacetylation in <i>Listeria</i> evasion from the host innate immune system. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 997-1002.	7.1	329
2	The arsenal of virulence factors deployed by<i>Listeria monocytogenes</i>to promote its cell infection cycle. Virulence, 2011, 2, 379-394.	4.4	198
3	In Vivo Transcriptional Profiling of Listeria monocytogenes and Mutagenesis Identify New Virulence Factors Involved in Infection. PLoS Pathogens, 2009, 5, e1000449.	4.7	189
4	Gp96 is a receptor for a novel Listeria monocytogenes virulence factor, Vip, a surface protein. EMBO Journal, 2005, 24, 2827-2838.	7.8	181
5	ARHGAP10 is necessary for Î±-catenin recruitment at adherens junctions and for Listeria invasion. Nature Cell Biology, 2005, 7, 954-960.	10.3	106
6	Mechanisms protecting host cells against bacterial pore-forming toxins. Cellular and Molecular Life Sciences, 2019, 76, 1319-1339.	5.4	99
7	Function in Escherichia coli of the non-catalytic part of RNase E: role in the degradation of ribosome-free mRNA. Molecular Microbiology, 2002, 45, 1231-1243.	2.5	95
8	Src, cortactin and Arp2/3 complex are required for E-cadherin-mediated internalization of Listeria into cells. Cellular Microbiology, 2007, 9, 2629-2643.	2.1	85
9	How Listeria monocytogenes organizes its surface for virulence. Frontiers in Cellular and Infection Microbiology, 2014, 4, 48.	3.9	80
10	Bacterial Toxins as Pathogen Weapons Against Phagocytes. Frontiers in Microbiology, 2016, 7, 42.	3.5	80
11	Microbial strategies to target, cross or disrupt epithelia. Current Opinion in Cell Biology, 2005, 17, 489-498.	5.4	76
12	Unconventional myosin VIIa and vezatin, two proteins crucial forListeriaentry into epithelial cells. Journal of Cell Science, 2004, 117, 2121-2130.	2.0	75
13	LapB, a Novel<i>Listeria monocytogenes</i>LPXTG Surface Adhesin, Required for Entry into Eukaryotic Cells and Virulence. Journal of Infectious Diseases, 2010, 202, 551-562.	4.0	73
14	L-Rhamnosylation of Listeria monocytogenes Wall Teichoic Acids Promotes Resistance to Antimicrobial Peptides by Delaying Interaction with the Membrane. PLoS Pathogens, 2015, 11, e1004919.	4.7	70
15	Autoregulation allows Escherichia coli RNase E to adjust continuously its synthesis to that of its substrates. Molecular Microbiology, 2008, 42, 867-878.	2.5	51
16	Non-Muscle Myosin 2A (NM2A): Structure, Regulation and Function. Cells, 2020, 9, 1590.	4.1	41
17	Listeria monocytogenes Triggers the Cell Surface Expression of Gp96 Protein and Interacts with Its N Terminus to Support Cellular Infection. Journal of Biological Chemistry, 2012, 287, 43083-43093.	3.4	36
18	<i>Listeria monocytogenes</i>induces host DNA damage and delays the host cell cycle to promote infection. Cell Cycle, 2014, 13, 928-940.	2.6	33

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19	Listeria monocytogenes CadC Regulates Cadmium Efflux and Fine-tunes Lipoprotein Localization to Escape the Host Immune Response and Promote Infection. Journal of Infectious Diseases, 2017, 215, 1468-1479.	4.0	26
20	MouR controls the expression of the Listeria monocytogenes Agr system and mediates virulence. Nucleic Acids Research, 2018, 46, 9338-9352.	14.5	26
21	Scavenger Receptors: Promiscuous Players during Microbial Pathogenesis. Critical Reviews in Microbiology, 2018, 44, 685-700.	6.1	25
22	Exploitation of host cell cytoskeleton and signalling during Listeria monocytogenes entry into mammalian cells. Comptes Rendus - Biologies, 2004, 327, 115-123.	0.2	24
23	<scp>l</scp>â€Rhamnosylation of wall teichoic acids promotes efficient surface association of <scp><i>Listeria monocytogenes</i></scp> virulence factors InlB and Ami through interaction with GW domains. Environmental Microbiology, 2018, 20, 3941-3951.	3.8	23
24	Src-dependent Tyrosine Phosphorylation of Non-muscle Myosin Heavy Chain-IIA Restricts Listeria monocytogenes Cellular Infection. Journal of Biological Chemistry, 2015, 290, 8383-8395.	3.4	22
25	Endoplasmic reticulum chaperone Gp96 controls actomyosin dynamics and protects against poreâ€forming toxins. EMBO Reports, 2017, 18, 303-318.	4.5	22
26	Listeria monocytogenesencodes a functional ESX-1 secretion system whose expression is detrimental toin vivoinfection. Virulence, 2017, 8, 993-1004.	4.4	19
27	Control of cytoskeletal dynamics during cellular responses to pore forming toxins. Communicative and Integrative Biology, 2017, 10, e1349582.	1.4	12
28	Listeria monocytogenes Wall Teichoic Acid Glycosylation Promotes Surface Anchoring of Virulence Factors, Resistance to Antimicrobial Peptides, and Decreased Susceptibility to Antibiotics. Pathogens, 2020, 9, 290.	2.8	12
29	PCR-based screening of targeted mutants for the fast and simultaneous identification of bacterial virulence factors. BioTechniques, 2012, 53, 1-7.	1.8	9
30	Epithelial Keratins Modulate cMet Expression and Signaling and Promote InlB-Mediated Listeria monocytogenes Infection of HeLa Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 146.	3.9	9
31	The Yin and Yang of Pneumolysin During Pneumococcal Infection. Frontiers in Immunology, 2022, 13, 878244.	4.8	7
32	Perfringolysin O-Induced Plasma Membrane Pores Trigger Actomyosin Remodeling and Endoplasmic Reticulum Redistribution. Toxins, 2019, 11, 419.	3.4	6
33	Listeria monocytogenes Interferes with Host Cell Mitosis through Its Virulence Factors InlC and ActA. Toxins, 2020, 12, 411.	3.4	5
34	Virulence gene repression promotes <i>Listeria monocytogenes</i> systemic infection. Gut Microbes, 2020, 11, 868-881.	9.8	3
35	Old War, New Battle, New Fighters!. Journal of Infectious Diseases, 2015, 211, 1361-1363.	4.0	2
36	Stathmin recruits tubulin to Listeria monocytogenes-induced actin comets and promotes bacterial dissemination. Cellular and Molecular Life Sciences, 2019, 76, 961-975.	5.4	2

#	Article	IF	Citations
37	Stabilin-1 plays a protective role against Listeria monocytogenes infection through the regulation of cytokine and chemokine production and immune cell recruitment. Virulence, 2021, 12, 2088-2103.	4.4	2
38	Republication of the article â€œExploitation of host cell cytoskeleton and signalling during Listeria monocytogenes entry into mammalian cellsâ€• Comptes Rendus - Biologies, 2004, 327, 521.	0.2	0
39	Listeria Genomics. , 2011, , 141-170.		0