Serena Ammendola

List of Publications by Year
in descending order

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32	1,307	361413 20	434195 31
papers	citations	h-index	g-index

32	32	32	1519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential Use of Tea Tree Oil as a Disinfectant Agent against Coronaviruses: A Combined Experimental and Simulation Study. Molecules, 2022, 27, 3786.	3.8	12
2	New Insights into the Role of Metals in Hostâ€“Pathogen Interactions. International Journal of Molecular Sciences, 2022, 23, 6483.	4.1	0
3	Salmonella Typhimurium and Pseudomonas aeruginosa Respond Differently to the Fe Chelator Deferiprone and to Some Novel Deferiprone Derivatives. International Journal of Molecular Sciences, 2021, 22, 10217.	4.1	5
4	Structure and metal-binding properties of PA4063, a novel player in periplasmic zinc trafficking byPseudomonas aeruginosa. Acta Crystallographica Section D: Structural Biology, 2021, 77, 1401-1410.	2.3	6
5	Cobalt can fully recover the phenotypes related to zinc deficiency inSalmonellaTyphimurium. Metallomics, 2020, 12, 2021-2031.	2.4	12
6	A Comparative Genomic Analysis Provides Novel Insights Into the Ecological Success of the Monophasic Salmonella Serovar 4,[5],12:i:-. Frontiers in Microbiology, 2018, 9, 715.	3.5	65
7	A novel antimicrobial approach based on the inhibition of zinc uptake in Salmonella enterica. Future Medicinal Chemistry, 2017, 9, 899-910.	2.3	10
8	Prime-boost vaccination with attenuated Salmonella Typhimurium Î”znuABC and inactivated Salmonella Choleraesuis is protective against Salmonella Choleraesuis challenge infection in piglets. BMC Veterinary Research, 2017, 13, 284.	1.9	9
9	Zinc is required to ensure the expression of flagella and the ability to form biofilms in Salmonella enterica sv Typhimurium. Metallomics, 2016, 8, 1131-1140.	2.4	36
10	Salmonella Typhimurium infection primes a nutriprive mechanism in piglets. Veterinary Microbiology, 2016, 186, 117-125.	1.9	2
11	Salmonella enterica serovar Typhimurium growth is inhibited by the concomitant binding of Zn(II) and a pyrrolyl-hydroxamate to ZnuA, the soluble component of the ZnuABC transporter. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 534-541.	2.4	25
12	Salmonella enterica Serovar Typhimurium Exploits Inflammation to Modify Swine Intestinal Microbiota. Frontiers in Cellular and Infection Microbiology, 2015, 5, 106.	3.9	61
13	Attenuated mutant strain of Salmonella Typhimurium lacking the ZnuABC transporter contrasts tumor growth promoting anti-cancer immune response. Oncotarget, 2015, 6, 17648-17660.	1.8	27
14	The ZupT transporter plays an important role in zinc homeostasis and contributes to Salmonella enterica virulence. Metallomics, 2014, 6, 845-853.	2.4	55
15	Deregulation of transition metals homeostasis is a key feature of cadmium toxicity in Salmonella. BioMetals, 2014, 27, 703-714.	4.1	43
16	Parenteral administration of attenuated Salmonella Typhimurium Î”znuABC is protective against salmonellosis in piglets. Vaccine, 2014, 32, 4032-4038.	3.8	7
17	Attenuated Salmonella enterica serovar Typhimurium lacking the ZnuABC transporter: An efficacious orally-administered mucosal vaccine against salmonellosis in pigs. Vaccine, 2013, 31, 3695-3701.	3.8	29
18	Competition for zinc binding in the host-pathogen interaction. Frontiers in Cellular and Infection Microbiology, 2013, 3, 108.	3.9	100

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19	Diversity of Salmonella spp. serovars isolated from the intestines of water buffalo calves with gastroenteritis. BMC Veterinary Research, 2012, 8, 201.	1.9	29
20	Phenotypic profile linked to inhibition of the major Zn influx system in Salmonella enterica: proteomics and ionomics investigations. Molecular BioSystems, 2011, 7, 608-619.	2.9	22
21	An attenuated Salmonella enterica serovar Typhimurium strain lacking the ZnuABC transporter induces protection in a mouse intestinal model of Salmonella infection. Vaccine, 2011, 29, 1783-1790.	3.8	29
22	Role of ZnuABC and ZinT in Escherichia coli O157:H7 zinc acquisition and interaction with epithelial cells. BMC Microbiology, 2011, 11, 36.	3.3	86
23	The Zur-Regulated ZinT Protein Is an Auxiliary Component of the High-Affinity ZnuABC Zinc Transporter That Facilitates Metal Recruitment during Severe Zinc Shortage. Journal of Bacteriology, 2010, 192, 1553-1564.	2.2	103
24	10-Undecanhydroxamic acid, a hydroxamate derivative of the undecanoic acid, has strong antimicrobial activity through a mechanism that limits iron availability. FEMS Microbiology Letters, 2009, 294, 61-67.	1.8	14
25	Attenuated Salmonella enterica serovar Typhimurium lacking the ZnuABC transporter confers immune-based protection against challenge infections in mice. Vaccine, 2008, 26, 3421-3426.	3.8	32
26	Periplasmic Cu,Zn superoxide dismutase and cytoplasmic Dps concur in protecting Salmonella enterica serovar Typhimurium from extracellular reactive oxygen species. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 226-232.	2.4	37
27	Regulatory and Structural Differences in the Cu,Zn-Superoxide Dismutases of Salmonella enterica and Their Significance for Virulence. Journal of Biological Chemistry, 2008, 283, 13688-13699.	3.4	65
28	High-Affinity Zn²⁺Uptake System ZnuABC Is Required for Bacterial Zinc Homeostasis in Intracellular Environments and Contributes to the Virulence ofSalmonella enterica. Infection and Immunity, 2007, 75, 5867-5876.	2.2	222
29	Differences in gene expression levels and in enzymatic qualities account for the uneven contribution of superoxide dismutases SodCI and SodCII to pathogenicity in Salmonella enterica. Microbes and Infection, 2006, 8, 1569-1578.	1.9	16
30	Differential contribution of sodC1 and sodC2 to intracellular survival and pathogenicity of Salmonella enterica serovar Choleraesuis. Microbes and Infection, 2005, 7, 698-707.	1.9	25
31	Involvement of Reactive Oxygen Species in Bacterial Killing within Epithelial Cells. International Journal of Immunopathology and Pharmacology, 2004, 17, 71-76.	2.1	17
32	Nerve Growth Factor Inhibits Apoptosis in Memory B Lymphocytes via Inactivation of p38 MAPK, Prevention of Bcl-2 Phosphorylation, and Cytochrome c Release. Journal of Biological Chemistry, 2001, 276, 39027-39036.	3.4	106