Catherine Duport

List of Publications by Year
in descending order

30 papers	937 citations	430874 18 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	814 citing authors

#	Article	IF	Citations
1	Heme A Synthase Deficiency Affects the Ability of Bacillus cereus to Adapt to a Nutrient-Limited Environment. International Journal of Molecular Sciences, 2022, 23, 1033.	4.1	4
2	Methionine Sulfoxide Reductases Contribute to Anaerobic Fermentative Metabolism in Bacillus cereus. Antioxidants, 2021, 10, 819.	5.1	2
3	Cysteine Proteome Reveals Response to Endogenous Oxidative Stress in Bacillus cereus. International Journal of Molecular Sciences, 2021, 22, 7550.	4.1	5
4	Redox proteomic study of Bacillus cereus thiol proteome during fermentative anaerobic growth. BMC Genomics, 2021, 22, 648.	2.8	3
5	Groundwater promotes emergence of asporogenic mutants of emetic Bacillus cereus. Environmental Microbiology, 2020, 22, 5248-5264.	3.8	6
6	Bacillus cereus Decreases NHE and CLO Exotoxin Synthesis to Maintain Appropriate Proteome Dynamics During Growth at Low Temperature. Toxins, 2020, 12, 645.	3.4	7
7	Advanced Proteomics as a Powerful Tool for Studying Toxins of Human Bacterial Pathogens. Toxins, 2019, 11, 576.	3.4	8
8	Time-course proteomics dataset to monitor protein-bound methionine oxidation in Bacillus cereus ATCC 14579. Data in Brief, 2018, 18, 394-398.	1.0	2
9	Methionine Residues in Exoproteins and Their Recycling by Methionine Sulfoxide Reductase AB Serve as an Antioxidant Strategy in Bacillus cereus. Frontiers in Microbiology, 2017, 8, 1342.	3.5	14
10	Adaptation in Bacillus cereus: From Stress to Disease. Frontiers in Microbiology, 2016, 7, 1550.	3.5	57
11	Proteome data to explore the impact of pBClin15 on Bacillus cereus ATCC 14579. Data in Brief, 2016, 8, 1243-1246.	1.0	6
12	Deciphering the interactions between the Bacillus cereus linear plasmid, pBClin15, and its host by high-throughput comparative proteomics. Journal of Proteomics, 2016, 146, 25-33.	2.4	15
13	Time dynamics of the Bacillus cereus exoproteome are shaped by cellular oxidation. Frontiers in Microbiology, 2015, 6, 342.	3.5	31
14	Proteomics identifies Bacillus cereus EntD as a pivotal protein for the production of numerous virulence factors. Frontiers in Microbiology, 2015, 6, 1004.	3.5	26
15	Proteomic Evidences for Rex Regulation of Metabolism in Toxin-Producing Bacillus cereus ATCC 14579. PLoS ONE, 2014, 9, e107354.	2.5	21
16	OhrRA functions as a redox-responsive system controlling toxinogenesis in Bacillus cereus. Journal of Proteomics, 2013, 94, 527-539.	2.4	26
17	Restricting Fermentative Potential by Proteome Remodeling. Molecular and Cellular Proteomics, 2012, 11, M111.013102.	3.8	44
18	Exoproteomics: exploring the world around biological systems. Expert Review of Proteomics, 2012, 9, 561-575.	3.0	80

#	Article	IF	Citations
19	Bacillus cereus Fnr binds a [4Fe-4S] cluster and forms a ternary complex with ResD and PlcR. BMC Microbiology, 2012, 12, 125.	3.3	24
20	Lactate Dehydrogenase A Promotes Communication between Carbohydrate Catabolism and Virulence in<i>Bacillus cereus</i>. Journal of Bacteriology, 2011, 193, 1757-1766.	2.2	20
21	Expanding the Known Repertoire of Virulence Factors Produced by Bacillus cereus through Early Secretome Profiling in Three Redox Conditions. Molecular and Cellular Proteomics, 2010, 9, 1486-1498.	3.8	105
22	Adaptation of Bacillus cereus, an ubiquitous worldwide-distributed foodborne pathogen, to a changing environment. Food Research International, 2010, 43, 1885-1894.	6.2	76
23	Fnr mediates carbohydrate-dependent regulation of catabolic and enterotoxin genes in Bacillus cereus F4430/73. Research in Microbiology, 2010, 161, 30-39.	2.1	19
24	ResDE-Dependent Regulation of Enterotoxin Gene Expression in <i>Bacillus cereus</i> : Evidence for Multiple Modes of Binding for ResD and Interaction with Fnr. Journal of Bacteriology, 2009, 191, 4419-4426.	2.2	30
25	ApoFnr Binds as a Monomer to Promoters Regulating the Expression of Enterotoxin Genes of <i>Bacillus cereus</i>. Journal of Bacteriology, 2008, 190, 4242-4251.	2.2	36
26	The Redox Regulator Fnr Is Required for Fermentative Growth and Enterotoxin Synthesis in Bacillus cereus F4430/73. Journal of Bacteriology, 2007, 189, 2813-2824.	2.2	66
27	Control of Enterotoxin Gene Expression in Bacillus cereus F4430/73 Involves the Redox-Sensitive ResDE Signal Transduction System. Journal of Bacteriology, 2006, 188, 6640-6651.	2.2	81
28	Characterization of aerobic and anaerobic vegetative growth of the food-borne pathogen Bacillus cereus F4430/73 strain. Canadian Journal of Microbiology, 2005, 51, 149-158.	1.7	68
29	Anaerobiosis and low specific growth rates enhance hemolysin BL production by Bacillus cereus F4430/73. Archives of Microbiology, 2004, 182, 90-95.	2.2	53
30	Dynamic Profile of S-Layer Proteins Controls Surface Properties of Emetic Bacillus cereus AH187 Strain. Frontiers in Microbiology, 0, 13, .	3.5	2