

Catherine Duport

List of Publications by Year in descending order

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papers

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430874

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times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanding the Known Repertoire of Virulence Factors Produced by <i>Bacillus cereus</i> through Early Secretome Profiling in Three Redox Conditions. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1486-1498.	3.8	105
2	Control of Enterotoxin Gene Expression in <i>Bacillus cereus</i> F4430/73 Involves the Redox-Sensitive ResDE Signal Transduction System. <i>Journal of Bacteriology</i> , 2006, 188, 6640-6651.	2.2	81
3	Exoproteomics: exploring the world around biological systems. <i>Expert Review of Proteomics</i> , 2012, 9, 561-575.	3.0	80
4	Adaptation of <i>Bacillus cereus</i> , an ubiquitous worldwide-distributed foodborne pathogen, to a changing environment. <i>Food Research International</i> , 2010, 43, 1885-1894.	6.2	76
5	Characterization of aerobic and anaerobic vegetative growth of the food-borne pathogen <i>Bacillus cereus</i> F4430/73 strain. <i>Canadian Journal of Microbiology</i> , 2005, 51, 149-158.	1.7	68
6	The Redox Regulator Fnr Is Required for Fermentative Growth and Enterotoxin Synthesis in <i>Bacillus cereus</i> F4430/73. <i>Journal of Bacteriology</i> , 2007, 189, 2813-2824.	2.2	66
7	Adaptation in <i>Bacillus cereus</i> : From Stress to Disease. <i>Frontiers in Microbiology</i> , 2016, 7, 1550.	3.5	57
8	Anaerobiosis and low specific growth rates enhance hemolysin BL production by <i>Bacillus cereus</i> F4430/73. <i>Archives of Microbiology</i> , 2004, 182, 90-95.	2.2	53
9	Restricting Fermentative Potential by Proteome Remodeling. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013102.	3.8	44
10	ApoFnr Binds as a Monomer to Promoters Regulating the Expression of Enterotoxin Genes of <i>Bacillus cereus</i> . <i>Journal of Bacteriology</i> , 2008, 190, 4242-4251.	2.2	36
11	Time dynamics of the <i>Bacillus cereus</i> exoproteome are shaped by cellular oxidation. <i>Frontiers in Microbiology</i> , 2015, 6, 342.	3.5	31
12	ResDE-Dependent Regulation of Enterotoxin Gene Expression in <i>Bacillus cereus</i> : Evidence for Multiple Modes of Binding for ResD and Interaction with Fnr. <i>Journal of Bacteriology</i> , 2009, 191, 4419-4426.	2.2	30
13	OhrRA functions as a redox-responsive system controlling toxinogenesis in <i>Bacillus cereus</i> . <i>Journal of Proteomics</i> , 2013, 94, 527-539.	2.4	26
14	Proteomics identifies <i>Bacillus cereus</i> EntD as a pivotal protein for the production of numerous virulence factors. <i>Frontiers in Microbiology</i> , 2015, 6, 1004.	3.5	26
15	<i>Bacillus cereus</i> Fnr binds a [4Fe-4S] cluster and forms a ternary complex with ResD and PlcR. <i>BMC Microbiology</i> , 2012, 12, 125.	3.3	24
16	Proteomic Evidences for Rex Regulation of Metabolism in Toxin-Producing <i>Bacillus cereus</i> ATCC 14579. <i>PLoS ONE</i> , 2014, 9, e107354.	2.5	21
17	Lactate Dehydrogenase A Promotes Communication between Carbohydrate Catabolism and Virulence in <i>Bacillus cereus</i> . <i>Journal of Bacteriology</i> , 2011, 193, 1757-1766.	2.2	20
18	Fnr mediates carbohydrate-dependent regulation of catabolic and enterotoxin genes in <i>Bacillus cereus</i> F4430/73. <i>Research in Microbiology</i> , 2010, 161, 30-39.	2.1	19

#	ARTICLE	IF	CITATIONS
19	Deciphering the interactions between the <i>Bacillus cereus</i> linear plasmid, pBClin15, and its host by high-throughput comparative proteomics. <i>Journal of Proteomics</i> , 2016, 146, 25-33.	2.4	15
20	Methionine Residues in Exoproteins and Their Recycling by Methionine Sulfoxide Reductase AB Serve as an Antioxidant Strategy in <i>Bacillus cereus</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1342.	3.5	14
21	Advanced Proteomics as a Powerful Tool for Studying Toxins of Human Bacterial Pathogens. <i>Toxins</i> , 2019, 11, 576.	3.4	8
22	<i>Bacillus cereus</i> Decreases NHE and CLO Exotoxin Synthesis to Maintain Appropriate Proteome Dynamics During Growth at Low Temperature. <i>Toxins</i> , 2020, 12, 645.	3.4	7
23	Proteome data to explore the impact of pBClin15 on <i>Bacillus cereus</i> ATCC 14579. <i>Data in Brief</i> , 2016, 8, 1243-1246.	1.0	6
24	Groundwater promotes emergence of asporogenic mutants of emetic <i>Bacillus cereus</i> . <i>Environmental Microbiology</i> , 2020, 22, 5248-5264.	3.8	6
25	Cysteine Proteome Reveals Response to Endogenous Oxidative Stress in <i>Bacillus cereus</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7550.	4.1	5
26	Heme A Synthase Deficiency Affects the Ability of <i>Bacillus cereus</i> to Adapt to a Nutrient-Limited Environment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1033.	4.1	4
27	Redox proteomic study of <i>Bacillus cereus</i> thiol proteome during fermentative anaerobic growth. <i>BMC Genomics</i> , 2021, 22, 648.	2.8	3
28	Time-course proteomics dataset to monitor protein-bound methionine oxidation in <i>Bacillus cereus</i> ATCC 14579. <i>Data in Brief</i> , 2018, 18, 394-398.	1.0	2
29	Methionine Sulfoxide Reductases Contribute to Anaerobic Fermentative Metabolism in <i>Bacillus cereus</i> . <i>Antioxidants</i> , 2021, 10, 819.	5.1	2
30	Dynamic Profile of S-Layer Proteins Controls Surface Properties of Emetic <i>Bacillus cereus</i> AH187 Strain. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	2