

Jeremy C Clair

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,117
citations

304743

22
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

2958
citing authors

#	ARTICLE	IF	CITATIONS
1	Persister formation in <i>Staphylococcus aureus</i> is associated with ATP depletion. <i>Nature Microbiology</i> , 2016, 1, .	13.3	508
2	Proteomic Analysis of Single Mammalian Cells Enabled by Microfluidic Nanodroplet Sample Preparation and Ultrasensitive NanoLC-MS. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12370-12374.	13.8	186
3	High-Throughput Single Cell Proteomics Enabled by Multiplex Isobaric Labeling in a Nanodroplet Sample Preparation Platform. <i>Analytical Chemistry</i> , 2019, 91, 13119-13127.	6.5	156
4	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
5	Stochastic Variation in Expression of the Tricarboxylic Acid Cycle Produces Persister Cells. <i>MBio</i> , 2019, 10, .	4.1	84
6	Exoproteomics: exploring the world around biological systems. <i>Expert Review of Proteomics</i> , 2012, 9, 561-575.	3.0	80
7	High-throughput and high-efficiency sample preparation for single-cell proteomics using a nested nanowell chip. <i>Nature Communications</i> , 2021, 12, 6246.	12.8	76
8	Spatially-Resolved Proteomics: Rapid Quantitative Analysis of Laser Capture Microdissected Alveolar Tissue Samples. <i>Scientific Reports</i> , 2016, 6, 39223.	3.3	69
9	Lipidomics reveals dramatic lipid compositional changes in the maturing postnatal lung. <i>Scientific Reports</i> , 2017, 7, 40555.	3.3	67
10	A census of the lung: CellCards from LungMAP. <i>Developmental Cell</i> , 2022, 57, 112-145.e2.	7.0	67
11	Multi-omics Signature of <i>Candida auris</i> , an Emerging and Multidrug-Resistant Pathogen. <i>MSystems</i> , 2019, 4, .	3.8	65
12	Three-dimensional feature matching improves coverage for single-cell proteomics based on ion mobility filtering. <i>Cell Systems</i> , 2022, 13, 426-434.e4.	6.2	49
13	EMC3 coordinates surfactant protein and lipid homeostasis required for respiration. <i>Journal of Clinical Investigation</i> , 2017, 127, 4314-4325.	8.2	48
14	Restricting Fermentative Potential by Proteome Remodeling. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M1111.013102.	3.8	44
15	Lipid Mini-On: mining and ontology tool for enrichment analysis of lipidomic data. <i>Bioinformatics</i> , 2019, 35, 4507-4508.	4.1	38
16	Alveolar injury and regeneration following deletion of ABCA3. <i>JCI Insight</i> , 2017, 2, .	5.0	37
17	A microphysiological model of human trophoblast invasion during implantation. <i>Nature Communications</i> , 2022, 13, 1252.	12.8	37
18	Cell type-resolved human lung lipidome reveals cellular cooperation in lung function. <i>Scientific Reports</i> , 2018, 8, 13455.	3.3	31

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19	Proteomic Analysis of Single Mammalian Cells Enabled by Microfluidic Nanodroplet Sample Preparation and Ultrasensitive NanoLC-MS. <i>Angewandte Chemie</i> , 2018, 130, 12550-12554.	2.0	31
20	Amylases in the Human Vagina. <i>MSphere</i> , 2020, 5, .	2.9	30
21	Redeploying β -Lactam Antibiotics as a Novel Antivirulence Strategy for the Treatment of Methicillin-Resistant <i>Staphylococcus aureus</i> Infections. <i>Journal of Infectious Diseases</i> , 2017, 215, 80-87.	4.0	28
22	Integration of transcriptomic and proteomic data identifies biological functions in cell populations from human infant lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L347-L360.	2.9	28
23	The food-borne pathogen <i>Campylobacter jejuni</i> responds to the bile salt deoxycholate with countermeasures to reactive oxygen species. <i>Scientific Reports</i> , 2017, 7, 15455.	3.3	27
24	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
25	Time-resolved proteome profiling of normal lung development. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L11-L24.	2.9	25
26	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
27	<i>Campylobacter jejuni</i> Demonstrates Conserved Proteomic and Transcriptomic Responses When Co-cultured With Human INT 407 and Caco-2 Epithelial Cells. <i>Frontiers in Microbiology</i> , 2019, 10, 755.	3.5	19
28	Accumulation of Succinyl Coenzyme A Perturbs the Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Succinylome and Is Associated with Increased Susceptibility to Beta-Lactam Antibiotics. <i>MBio</i> , 2021, 12, e0053021.	4.1	16
29	Individual Variability of Protein Expression in Human Tissues. <i>Journal of Proteome Research</i> , 2018, 17, 3914-3922.	3.7	15
30	The spore coat is essential for <i>Bacillus subtilis</i> spore resistance to pulsed light, and pulsed light treatment eliminates some spore coat proteins. <i>International Journal of Food Microbiology</i> , 2020, 323, 108592.	4.7	13
31	Inactivation by Pulsed Light of <i>Bacillus subtilis</i> Spores with Impaired Protection Factors. <i>Photochemistry and Photobiology</i> , 2016, 92, 301-307.	2.5	12
32	The <i>Campylobacter jejuni</i> CiaD effector co-opts the host cell protein IQGAP1 to promote cell entry. <i>Nature Communications</i> , 2021, 12, 1339.	12.8	10
33	Proteomic Profiling of the Substantia Nigra to Identify Determinants of Lewy Body Pathology and Dopaminergic Neuronal Loss. <i>Journal of Proteome Research</i> , 2021, 20, 2266-2282.	3.7	10
34	Proteomic Analysis of Human Lung Development. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 208-218.	5.6	9
35	Repetitive diacetyl vapor exposure promotes ubiquitin proteasome stress and precedes bronchiolitis obliterans pathology. <i>Archives of Toxicology</i> , 2021, 95, 2469-2483.	4.2	8
36	A porcine ligated loop model reveals new insight into the host immune response against <i>Campylobacter jejuni</i> . <i>Gut Microbes</i> , 2020, 12, 1814121.	9.8	7

#	ARTICLE	IF	CITATIONS
37	Interpreting the lipidome: bioinformatic approaches to embrace the complexity. <i>Metabolomics</i> , 2021, 17, 55.	3.0	7
38	A <i>Histoplasma capsulatum</i> Lipid Metabolic Map Identifies Antifungal Targets. <i>MBio</i> , 2021, 12, e0297221.	4.1	6
39	Quantitative Proteomic Analysis of Mass Limited Tissue Samples for Spatially Resolved Tissue Profiling. <i>Methods in Molecular Biology</i> , 2017, 1788, 269-277.	0.9	4
40	A multiomics focusing towards the molecular networks of lung development. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L554-L555.	2.9	1