

Claire L Carter

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

343
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-induced dissociation (EID) for structure characterization of glycerophosphatidylcholine: determination of double-bond positions and localization of acyl chains. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1327-1339.	1.6	45
2	Inflation-Fixation Method for Lipidomic Mapping of Lung Biopsies by Matrix Assisted Laser Desorption/Ionization-Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2016, 88, 4788-4794.	6.5	40
3	Alterations of human skin microbiome and expansion of antimicrobial resistance after systemic antibiotics. <i>Science Translational Medicine</i> , 2021, 13, eabd8077.	12.4	38
4	Lipidomic dysregulation within the lung parenchyma following whole-thorax lung irradiation: Markers of injury, inflammation and fibrosis detected by MALDI-MSI. <i>Scientific Reports</i> , 2017, 7, 10343.	3.3	25
5	Ultrapformance convergence chromatography-high resolution tandem mass spectrometry for lipid biomarker profiling and identification. <i>Biomedical Chromatography</i> , 2017, 31, e3822.	1.7	24
6	Proteomic Evaluation of the Acute Radiation Syndrome of the Gastrointestinal Tract in a Murine Total-body Irradiation Model. <i>Health Physics</i> , 2019, 116, 516-528.	0.5	23
7	Acute Proteomic Changes in the Lung After WTLI in a Mouse Model: Identification of Potential Initiating Events for Delayed Effects of Acute Radiation Exposure. <i>Health Physics</i> , 2019, 116, 503-515.	0.5	23
8	A MALDI-MSI Approach to the Characterization of Radiation-Induced Lung Injury and Medical Countermeasure Development. <i>Health Physics</i> , 2015, 109, 466-478.	0.5	20
9	Penetration of Ibrexafungerp (Formerly SCY-078) at the Site of Infection in an Intra-abdominal Candidiasis Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	20
10	Tissue Distribution of Doxycycline in Animal Models of Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	20
11	Characterizing the Natural History of Acute Radiation Syndrome of the Gastrointestinal Tract: Combining High Mass and Spatial Resolution Using MALDI-FTICR-MSI. <i>Health Physics</i> , 2019, 116, 454-472.	0.5	16
12	MALDI-MSI spatially maps N-glycan alterations to histologically distinct pulmonary pathologies following irradiation. <i>Scientific Reports</i> , 2020, 10, 11559.	3.3	15
13	Visualizing the dynamics of tuberculosis pathology using molecular imaging. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	12
14	Lesion Penetration and Activity Limit the Utility of Second-Line Injectable Agents in Pulmonary Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0050621.	3.2	12
15	On-Slide Heat Sterilization Enables Mass Spectrometry Imaging of Tissue Infected with High-Threat Pathogens Outside of Biocontainment: A Study Directed at <i>Mycobacterium tuberculosis</i> . <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2664-2674.	2.8	6
16	An optimized method for the detection and spatial distribution of aminoglycoside and vancomycin antibiotics in tissue sections by mass spectrometry imaging. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4708.	1.6	4