

Marta Sans

List of Publications by Year in descending order

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12
papers

883
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Nondestructive tissue analysis for ex vivo and in vivo cancer diagnosis using a handheld mass spectrometry system. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	286
2	FABP4 as a key determinant of metastatic potential of ovarian cancer. <i>Nature Communications</i> , 2018, 9, 2923.	12.8	151
3	Metabolic Markers and Statistical Prediction of Serous Ovarian Cancer Aggressiveness by Ambient Ionization Mass Spectrometry Imaging. <i>Cancer Research</i> , 2017, 77, 2903-2913.	0.9	106
4	Advances in mass spectrometry imaging coupled to ion mobility spectrometry for enhanced imaging of biological tissues. <i>Current Opinion in Chemical Biology</i> , 2018, 42, 138-146.	6.1	85
5	Performance of the MasSpec Pen for Rapid Diagnosis of Ovarian Cancer. <i>Clinical Chemistry</i> , 2019, 65, 674-683.	3.2	77
6	Real-Time Electrochemical Detection of <i>Pseudomonas aeruginosa</i> Phenazine Metabolites Using Transparent Carbon Ultramicroelectrode Arrays. <i>ACS Sensors</i> , 2019, 4, 170-179.	7.8	61
7	Electrochemical monitoring of the impact of polymicrobial infections on <i>Pseudomonas aeruginosa</i> and growth dependent medium. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111538.	10.1	36
8	Rapid diagnosis and tumor margin assessment during pancreatic cancer surgery with the MasSpec Pen technology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
9	MASS SPECTROMETRY TECHNOLOGIES TO ADVANCE CARE FOR CANCER PATIENTS IN CLINICAL AND INTRAOPERATIVE USE. <i>Mass Spectrometry Reviews</i> , 2021, 40, 692-720.	5.4	25
10	Clinical Translation and Evaluation of a Handheld and Biocompatible Mass Spectrometry Probe for Surgical Use. <i>Clinical Chemistry</i> , 2021, 67, 1271-1280.	3.2	10
11	DESI Spray Stability in the Negative Ion Mode Is Dependent on Relative Humidity. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 376-380.	2.8	8
12	Spatially Controlled Molecular Analysis of Biological Samples Using Nanodroplet Arrays and Direct Droplet Aspiration. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 418-428.	2.8	5