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List of Publications by Year in descending order

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papers

598
citations

623734

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#	ARTICLE	IF	CITATIONS
1	Gold nanoparticle-enhanced target (AuNPET) as universal solution for laser desorption/ionization mass spectrometry analysis and imaging of low molecular weight compounds. <i>Analytica Chimica Acta</i> , 2015, 875, 61-72.	5.4	84
2	Matrix-free laser desorption/ionization with silver nanoparticle-enhanced steel targets. <i>International Journal of Mass Spectrometry</i> , 2013, 335, 22-32.	1.5	65
3	Novel Monoisotopic ¹⁰⁹ AgNPET for Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 1926-1931.	6.5	44
4	Surface-Transfer Mass Spectrometry Imaging of Renal Tissue on Gold Nanoparticle Enhanced Target. <i>Analytical Chemistry</i> , 2016, 88, 7365-7371.	6.5	41
5	Metabolomic study of human tissue and urine in clear cell renal carcinoma by LC-HRMS and PLS-DA. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3859-3869.	3.7	39
6	Surface-Transfer Mass Spectrometry Imaging on a Monoisotopic Silver Nanoparticle Enhanced Target. <i>Analytical Chemistry</i> , 2013, 85, 12070-12076.	6.5	30
7	Gold nanoparticle-enhanced target for MS analysis and imaging of harmful compounds in plant, animal tissue and on fingerprint. <i>Analytica Chimica Acta</i> , 2015, 895, 45-53.	5.4	27
8	Mass spectrometry imaging of low molecular weight metabolites in strawberry fruit (<i>Fragaria x</i>). <i>Journal of Mass Spectrometry</i> , 2019, 54, 1075-1083.	2.9	26
9	Localization of Metabolites of Human Kidney Tissue with Infrared Laser-Based Selected Reaction Monitoring Mass Spectrometry Imaging and Silver-109 Nanoparticle-Based Surface Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2020, 92, 4251-4258.	6.5	19
10	Visualizing spatial distribution of small molecules in the rhubarb stalk (<i>Rheum rhabarbarum</i>) by surface-transfer mass spectrometry imaging. <i>Phytochemistry</i> , 2017, 139, 72-80.	2.9	17
11	Laser Ablation Synthesis in Solution and Nebulization of Silver-109 Nanoparticles for Mass Spectrometry and Mass Spectrometry Imaging. <i>ACS Measurement Science</i> , 2022, 2, 14-22.	4.4	17
12	Synthesis, reactivity and biological activity of N(4)-boronated derivatives of 2'-deoxycytidine. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3906-3912.	3.0	16
13	Silver-109-based laser desorption/ionization mass spectrometry method for detection and quantification of amino acids. <i>Journal of Mass Spectrometry</i> , 2018, 53, 369-378.	1.6	16
14	Nuclear magnetic resonance and surface-assisted laser desorption/ionization mass spectrometry-based serum metabolomics of kidney cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5827-5841.	3.7	16
15	Biological activity of N(4)-boronated derivatives of 2'-deoxycytidine, potential agents for boron-neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6297-6304.	3.0	15
16	Properties of phosphorylated thymidylate synthase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1922-1934.	2.3	15
17	Laser desorption/ionization MS imaging of cancer kidney tissue on silver nanoparticle-enhanced target. <i>Bioanalysis</i> , 2018, 10, 83-94.	1.5	15
18	Nuclear magnetic resonance and surface-assisted laser desorption/ionization mass spectrometry-based metabolome profiling of urine samples from kidney cancer patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113752.	2.8	15

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19	Metabolomic and elemental profiling of human tissue in kidney cancer. <i>Metabolomics</i> , 2021, 17, 30.	3.0	15
20	Microbiological and Toxicological Hazards in Sewage Treatment Plant Bioaerosol and Dust. <i>Toxins</i> , 2021, 13, 691.	3.4	12
21	Metabolic profiling of moulds with laser desorption/ionization mass spectrometry on gold nanoparticle enhanced target. <i>Analytical Biochemistry</i> , 2018, 549, 45-52.	2.4	11
22	Serum and urine analysis with gold nanoparticle-assisted laser desorption/ionization mass spectrometry for renal cell carcinoma metabolic biomarkers discovery. <i>Advances in Medical Sciences</i> , 2021, 66, 326-335.	2.1	11
23	Assessment of Physicochemical, Microbiological and Toxicological Hazards at an Illegal Landfill in Central Poland. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4826.	2.6	9
24	N(4)-[B-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan)methyl]-2'-deoxycytidine as a potential boron delivery agent with respect to glioblastoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 749-755.	5.6	6
25	Gold and silver nanoparticles-based laser desorption/ionization mass spectrometry method for detection and quantification of carboxylic acids. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4604.	1.6	6
26	Gold nanostructures - assisted laser desorption/ionization mass spectrometry for kidney cancer blood serum biomarker screening. <i>International Journal of Mass Spectrometry</i> , 2020, 456, 116396.	1.5	5
27	Infrared pulsed fiber laser-produced silver-109-nanoparticles for laser desorption/ionization mass spectrometry of amino acids. <i>Journal of Mass Spectrometry</i> , 2022, 57, e4815.	1.6	3
28	Infrared pulsed fiber laser-produced silver-109-nanoparticles for laser desorption/ionization mass spectrometry of carboxylic acids. <i>International Journal of Mass Spectrometry</i> , 2022, 474, 116816.	1.5	3