

Marek A Domin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,254
citations

361045

20
h-index

676716

22
g-index

29
all docs

29
docs citations

29
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	The characterization of micro-organisms by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. , 1998, 12, 176-180.		129
2	Rapid identification of synthetic cannabinoids in herbal samples via direct analysis in real time mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 1109-1114.	0.7	94
3	Molecular mass distributions and structural characterisation of coal derived liquids. Fuel, 2000, 79, 323-337.	3.4	85
4	Therapeutic benefit of combining calorie-restricted ketogenic diet and glutamine targeting in late-stage experimental glioblastoma. Communications Biology, 2019, 2, 200.	2.0	83
5	Direct analysis in real time mass spectrometry (DART-MS) of "bath salt" cathinone drug mixtures. Analyst, The, 2013, 138, 3424.	1.7	68
6	A Comparative Study of Bitumen Molecular-Weight Distributions. Energy & Fuels, 1999, 13, 552-557.	2.5	61
7	Direct analysis in real time mass spectrometry with collision-induced dissociation for structural analysis of synthetic cannabinoids. Rapid Communications in Mass Spectrometry, 2012, 26, 2335-2342.	0.7	60
8	Molecular mass determinations in coal-derived liquids by MALDI mass spectrometry and size-exclusion chromatography. Fuel, 1997, 76, 1225-1233.	3.4	59
9	A reconciliation of mass ranges from matrix-assisted laser desorption/ionization mass spectrometry and size exclusion chromatography for coal-derived materials. Rapid Communications in Mass Spectrometry, 1995, 9, 1446-1451.	0.7	54
10	The effect of solvent and matrix combinations on the analysis of bacteria by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. , 1999, 13, 222-226.		54
11	Matrix-assisted Laser Desorption/Ionization Mass Spectrometry of Pitch Fractions Separated by Planar Chromatography. Rapid Communications in Mass Spectrometry, 1996, 10, 171-177.	0.7	52
12	Choice of Extraction Voltage and Matrix in the Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry of Coal Tar Pitch " Pyridine Insolubles. Rapid Communications in Mass Spectrometry, 1997, 11, 638-645.	0.7	47
13	HRMS Directly From TLC Slides. A Powerful Tool for Rapid Analysis of Organic Mixtures. Organic Letters, 2008, 10, 3493-3496.	2.4	47
14	<sc>DART</sc>"<sc>MS</sc> as a Preliminary Screening Method for "Herbal Incense" Chemical Analysis of Synthetic Cannabinoids. Journal of Forensic Sciences, 2014, 59, 337-343.	0.9	46
15	Absolute calibration of size exclusion chromatography for coal derivatives through MALDI-m.s.. Fuel, 1998, 77, 933-945.	3.4	45
16	DART"MS in-source collision induced dissociation and high mass accuracy for new psychoactive substance determinations. Forensic Science International, 2014, 244, 42-49.	1.3	41
17	Effect of polydispersity on the characterization of coal-derived liquids by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry: inferences from results for mixtures of polystyrene molecular mass standards. Rapid Communications in Mass Spectrometry, 1997, 11, 1845-1852.	0.7	33
18	Determining a "safe"™ high-mass limit in matrix-assisted laser desorption/ionisation time-of-flight mass spectra of coal derived materials with reference to instrument noise. , 1999, 13, 1401-1412.		32

#	ARTICLE	IF	CITATIONS
19	DART-MS for rapid, preliminary screening of urine for DMAA. <i>Drug Testing and Analysis</i> , 2014, 6, 788-796.	1.6	32
20	Routine analysis and characterization of highly insoluble polycyclic aromatic compounds by direct analysis in real time mass spectrometry (DART). <i>Analyst</i> , 2010, 135, 700.	1.7	28
21	Fractionation of a wood tar pitch by planar chromatography for the characterisation of large molecular mass materials. <i>Journal of Chromatography A</i> , 1999, 840, 107-115.	1.8	27
22	Large Molecular Mass Materials in Coal-Derived Liquids by ²⁵² Cf-Plasma and Matrix-Assisted Laser Desorption Mass Spectrometry. <i>Energy & Fuels</i> , 1998, 12, 485-492.	2.5	26
23	New organometallic complexes of buckminsterfullerene having σ -bonded nickel, palladium, or platinum with triorganophosphite ligands, and their characterisation. <i>Journal of Organometallic Chemistry</i> , 1995, 491, 169-172.	0.8	25
24	Increased vigabatrin entry into the brain by polysorbate 80 and sodium caprate. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 149-154.	1.2	9
25	Luminescence of Lanthanide Complexes with Perfluorinated Alkoxide Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 9807-9823.	1.9	9
26	Methods to Assess Phosphodiesterase and/or Adenylyl Cyclase Activity Via Heterologous Expression in Fission Yeast. <i>Methods in Molecular Biology</i> , 2022, 2483, 93-104.	0.4	0