

# Marek Smoluch

## List of Publications by Year in descending order

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26  
papers

552  
citations

687363

13  
h-index

642732

23  
g-index

34  
all docs

34  
docs citations

34  
times ranked

752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma-based ambient ionization mass spectrometry in bioanalytical sciences. <i>Mass Spectrometry Reviews</i> , 2016, 35, 22-34.	5.4	83
2	An improved method for tracking and reducing the void volume in nano HPLC-MS with micro trapping columns. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 946-951.	3.7	64
3	Automated, on-line two-dimensional nano liquid chromatography tandem mass spectrometry for rapid analysis of complex protein digests. <i>Proteomics</i> , 2004, 4, 2545-2557.	2.2	56
4	MINIATURIZATION IN MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2020, 39, 453-470.	5.4	40
5	Flowing atmospheric pressure afterglow combined with laser ablation for direct analysis of compounds separated by thin-layer chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 815-823.	3.7	31
6	Copper(II)-lincomycin: complexation pattern and oxidative activity. <i>Journal of Inorganic Biochemistry</i> , 2001, 84, 189-200.	3.5	24
7	Nanofractionation Spotter Technology for Rapid Contactless and High-Resolution Deposition of LC Eluent for Further Off-Line Analysis. <i>Analytical Chemistry</i> , 2011, 83, 125-132.	6.5	24
8	Determination of psychostimulants and their metabolites by electrochemistry linked on-line to flowing atmospheric pressure afterglow mass spectrometry. <i>Analyst</i> , 2014, 139, 4350-4355.	3.5	24
9	Direct analysis of methcathinone from crude reaction mixture by flowing atmospheric pressure afterglow mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1577-1580.	1.5	20
10	Dielectric Barrier Discharge Ionization in Characterization of Organic Compounds Separated on Thin-Layer Chromatography Plates. <i>PLoS ONE</i> , 2014, 9, e106088.	2.5	20
11	Magnetic mesoporous silica Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @meso-SiO <sub>2</sub> and Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @meso-SiO <sub>2</sub> -NH <sub>2</sub> as adsorbents for the determination of trace organic compounds. <i>Microporous and Mesoporous Materials</i> , 2017, 240, 80-90.	4.4	20
12	Molecularly imprinted polymers as selective adsorbents for ambient plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3393-3405.	3.7	19
13	Conformational solution studies of neuropeptide $\alpha$ using CD and NMR spectroscopy. <i>Journal of Peptide Science</i> , 2002, 8, 211-226.	1.4	17
14	FAPA mass spectrometry of designer drugs. <i>Talanta</i> , 2016, 146, 29-33.	5.5	14
15	Electrochemical generation of selegiline metabolites coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1389, 96-103.	3.7	13
16	Tryptic hydrolysis of hGH-RH(1-29)-NH <sub>2</sub> analogues containing Lys or Orn in positions 12 and 21. <i>Journal of Peptide Science</i> , 2001, 7, 166-172.	1.4	12
17	Molecular Scavengers as Carriers of Analytes for Mass Spectrometry Identification. <i>Analytical Chemistry</i> , 2014, 86, 11226-11229.	6.5	12
18	Determination of hexabromocyclododecane by flowing atmospheric pressure afterglow mass spectrometry. <i>Talanta</i> , 2014, 128, 58-62.	5.5	12

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19	New potent hGH-RH analogues with increased resistance to enzymatic degradation. <i>Journal of Peptide Science</i> , 2002, 8, 289-296.	1.4	11
20	Magnetic scavengers as carriers of analytes for flowing atmospheric pressure afterglow mass spectrometry (FAPA-MS). <i>Analyst, The</i> , 2015, 140, 6138-6144.	3.5	10
21	FAPA mass spectrometry of hydroxychalcones. Comparative studies with classical methods of ionization. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2014, 27, 27-31.	0.4	5
22	Inhibitors of neuropeptide peptidases engaged in pain and drug dependence. <i>Neuropharmacology</i> , 2020, 175, 108137.	4.1	5
23	Miniature plasma jet for mass spectrometry. <i>Proceedings of SPIE</i> , 2013, , .	0.8	4
24	Detection of legal highs in the urine of methadone-treated patient by LC-MS. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 253-258.	2.5	3
25	Mass spectrometry in art conservation—With focus on paintings. <i>Mass Spectrometry Reviews</i> , 2023, 42, 1625-1646.	5.4	2
26	Fundamental Strategies of Protein and Peptide Sample Preparation. , 2013, , 25-77.		1