

# Aniko Kilar

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

286  
citations

1051969

10  
h-index

1051228

16  
g-index

382  
all docs

382  
docs citations

382  
times ranked

349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the CID Fragmentation Pathways of Deprotonated 4 <sup>TM</sup> -Monophosphoryl Lipid A. <i>Molecules</i> , 2021, 26, 5961.	1.7	3
2	NACE <sup>ES</sup> ESI <sup>MS</sup> /MS method for separation and characterization of phosphorylation and acylation isomers of lipid A. <i>Electrophoresis</i> , 2020, 41, 1178-1188.	1.3	7
3	Subgingival lipid A profile and endotoxin activity in periodontal health and disease. <i>Clinical Oral Investigations</i> , 2019, 23, 3527-3534.	1.4	8
4	Characterization of complex, heterogeneous lipid A samples using HPLC <sup>MS</sup> /MS technique III. Positive <sup>ion</sup> mode tandem mass spectrometry to reveal phosphorylation and acylation patterns of lipid A. <i>Journal of Mass Spectrometry</i> , 2018, 53, 146-161.	0.7	10
5	Terminology of bioanalytical methods (IUPAC Recommendations 2018). <i>Pure and Applied Chemistry</i> , 2018, 90, 1121-1198.	0.9	19
6	Capillary Electrophoresis Chips for Fingerprinting Endotoxin Chemotypes and Subclasses. <i>Methods in Molecular Biology</i> , 2017, 1600, 151-165.	0.4	1
7	Mass Spectrometry for Profiling LOS and Lipid A Structures from Whole-Cell Lysates: Directly from a Few Bacterial Colonies or from Liquid Broth Cultures. <i>Methods in Molecular Biology</i> , 2017, 1600, 187-198.	0.4	9
8	Characterization of complex, heterogeneous lipid A samples using HPLC <sup>MS</sup> /MS technique I. Overall analysis with respect to acylation, phosphorylation and isobaric distribution. <i>Journal of Mass Spectrometry</i> , 2016, 51, 1043-1063.	0.7	20
9	Characterization of complex, heterogeneous lipid A samples using HPLC-MS/MS technique II. Structural elucidation of non-phosphorylated lipid A by negative-ion mode tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2016, 51, 615-628.	0.7	13
10	Structural background for serological cross <sup>reactivity</sup> between bacteria of different enterobacterial serotypes. <i>Electrophoresis</i> , 2015, 36, 1336-1343.	1.3	2
11	The myth of data acquisition rate. <i>Analytica Chimica Acta</i> , 2015, 854, 178-182.	2.6	20
12	Structural characterization of bacterial lipopolysaccharides with mass spectrometry and on <sup>and</sup> off <sup>line</sup> separation techniques. <i>Mass Spectrometry Reviews</i> , 2013, 32, 90-117.	2.8	83
13	Quantitative microfluidic analysis of <i>S</i> and <i>R</i> type endotoxin components with chip capillary electrophoresis. <i>Electrophoresis</i> , 2012, 33, 3351-3360.	1.3	15
14	Structural variability of endotoxins from R <sup>type</sup> isogenic mutants of <i>Shigella sonnei</i> . <i>Journal of Mass Spectrometry</i> , 2011, 46, 61-70.	0.7	16
15	Carbohydrate Composition of Endotoxins from R-type Isogenic Mutants of <i>Shigella sonnei</i> Studied by Capillary Electrophoresis and GC-MS. <i>Croatica Chemica Acta</i> , 2011, 84, 393-398.	0.1	6
16	Capillary Electrophoresis Chips for Fingerprinting Endotoxin Chemotypes from Whole-Cell Lysates. <i>Methods in Molecular Biology</i> , 2011, 739, 89-99.	0.4	4
17	Novel quantitative electrophoretic analysis of endotoxins on microchips. <i>Electrophoresis</i> , 2008, 29, 1713-1722.	1.3	13
18	Capillary electrophoresis chips for screening of endotoxin chemotypes from whole-cell lysates. <i>Journal of Chromatography A</i> , 2008, 1206, 21-25.	1.8	10

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19	CE to monitor endotoxins by protein complexation. Electrophoresis, 2006, 27, 4188-4195.	1.3	9
20	Universal method for synthesis of artificial gel antibodies by the imprinting approach combined with a unique electrophoresis technique for detection of minute structural differences of proteins, viruses, and cells (bacteria): Ia. Gel antibodies against proteins (transferrins). Journal of Separation Science, 2006, 29, 2802-2809.	1.3	18