

# Agnes Dornyei

## List of Publications by Year in descending order

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29  
papers

1,000  
citations

623734

14  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biospeciation of antidiabetic VO(IV) complexes. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1153-1162.	18.8	162
2	Determination of polyphenolic compounds by liquid chromatography–mass spectrometry in <i>Thymus</i> species. <i>Journal of Chromatography A</i> , 2010, 1217, 7972-7980.	3.7	128
3	N,N'-Ethylenebis(pyridoxylideneiminato) and N,N'-Ethylenebis(pyridoxylaminato): Synthesis, Characterization, Potentiometric, Spectroscopic, and DFT Studies of Their Vanadium(IV) and Vanadium(V) Complexes. <i>Chemistry - A European Journal</i> , 2004, 10, 2301-2317.	3.3	127
4	Structural characterization of bacterial lipopolysaccharides with mass spectrometry and online separation techniques. <i>Mass Spectrometry Reviews</i> , 2013, 32, 90-117.	5.4	83
5	Identification of polyphenolic compounds in red and white grape varieties grown in R. Macedonia and changes of their content during ripening. <i>Food Research International</i> , 2011, 44, 2851-2860.	6.2	78
6	Polyphenolic content of Vranec wines produced by different vinification conditions. <i>Food Chemistry</i> , 2011, 124, 316-325.	8.2	76
7	Phenolic compounds and antioxidant activity of Macedonian red wines. <i>Journal of Food Composition and Analysis</i> , 2015, 41, 1-14.	3.9	58
8	Water-Soluble SalZn- and Reduced SalZn-Type Ligands: Study of Their Cull and Nill Complexes in the Solid State and in Solution. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2819-2830.	2.0	46
9	X-ray Crystal Structure and Characterization in Aqueous Solution of {N,N'-Ethylenebis(pyridoxylaminato)}zinc(II). <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 656-662.	2.0	25
10	Interactions of Insulin-Mimetic Vanadium Complexes with the Cell Constituents ATP and Glutathione. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3614-3621.	2.0	25
11	Rapid MALDI-TOF-MS Detection of Anthocyanins in Wine and Grape Using Different Matrices. <i>Food Analytical Methods</i> , 2011, 4, 108-115.	2.6	20
12	Characterization of complex, heterogeneous lipid A samples using HPLC–MS/MS technique I. Overall analysis with respect to acylation, phosphorylation and isobaric distribution. <i>Journal of Mass Spectrometry</i> , 2016, 51, 1043-1063.	1.6	20
13	Vanadium (IV and V) Complexes of Reduced Schiff Bases Derived from the Reaction of Aromatico-Hydroxyaldehydes and Diamines Containing Carboxyl Groups. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3595-3606.	2.0	19
14	Structural variability of endotoxins from R-type isogenic mutants of <i>Shigella sonnei</i> . <i>Journal of Mass Spectrometry</i> , 2011, 46, 61-70.	1.6	16
15	Interaction of VIVO, VVO2 and Cull with a Peptide Analogue SalGly-L-Ala. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2113-2122.	2.0	15
16	Vanadium(IV,V) complexes of d-saccharic and mucic acids in aqueous solution. <i>Dalton Transactions</i> , 2004, , 1882-1891.	3.3	13
17	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.	1.6	13
18	Sequential injection setup for capillary isoelectric focusing combined with MS detection. <i>Electrophoresis</i> , 2011, 32, 1875-1884.	2.4	10

#	ARTICLE	IF	CITATIONS
19	Characterization of complex, heterogeneous lipid A samples using HPLC-MS/MS technique III. Positive-ion mode tandem mass spectrometry to reveal phosphorylation and acylation patterns of lipid A. <i>Journal of Mass Spectrometry</i> , 2018, 53, 146-161.	1.6	10
20	Effect of electrolyte pH on CIEF with narrow pH range ampholytes. <i>Electrophoresis</i> , 2012, 33, 3269-3275.	2.4	9
21	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.	0.9	9
22	The effects of Al(III) speciation on the activity of trypsin. <i>Journal of Inorganic Biochemistry</i> , 2003, 97, 118-123.	3.5	8
23	NACE-ESI-MS/MS method for separation and characterization of phosphorylation and acylation isomers of lipid A. <i>Electrophoresis</i> , 2020, 41, 1178-1188.	2.4	7
24	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.	0.4	6
25	Application of a Novel Small-Scale Sample Cleanup Procedure Prior to MALDI-TOF-MS for Rapid Pigment Fingerprinting of Red Wines. <i>Food Analytical Methods</i> , 2014, 7, 820-827.	2.6	6
26	Facile, High-Yielding Synthesis of 4-Functionalised 1,2,3-Triazoles via Amino- and Aryloxycarbonylation. <i>ChemistrySelect</i> , 2020, 5, 448-451.	1.5	5
27	Study on the CID Fragmentation Pathways of Deprotonated 4 <sup>TM</sup> -Monophosphoryl Lipid A. <i>Molecules</i> , 2021, 26, 5961.	3.8	3
28	Structural background for serological cross-reactivity between bacteria of different enterobacterial serotypes. <i>Electrophoresis</i> , 2015, 36, 1336-1343.	2.4	2
29	An exploratory study of the conformational intricacy of selected fluoro-substituted carboxylic acids. <i>Computational and Theoretical Chemistry</i> , 2003, 666-667, 135-141.	1.5	1