Signe Vahur

List of Publications by Year
in descending order

34 papers	858 citations	623734 14 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	1206 citing authors

#	Article	IF	Citations
1	Classification of archaeological adhesives from Eastern Europe and Urals by ATRâ€FTâ€IR spectroscopy and chemometric analysis. Archaeometry, 2022, 64, 227-244.	1.3	11
2	Experimental and Computational Study of Aminoacridines as MALDI(â˜)-MS Matrix Materials for the Analysis of Complex Samples. Journal of the American Society for Mass Spectrometry, 2021, 32, 1080-1095.	2.8	4
3	Quantitative GCâ€“MS Analysis of Artificially Aged Paints with Variable Pigment and Linseed Oil Ratios. Molecules, 2021, 26, 2218.	3.8	7
4	Quantitative mineralogical analysis of clay-containing materials using ATR-FT-IR spectroscopy with PLS method. Analytical and Bioanalytical Chemistry, 2021, 413, 6535-6550.	3.7	3
5	Instrumental techniques in the analysis of natural red textile dyes. Journal of Cultural Heritage, 2020, 42, 19-27.	3.3	16
6	Multidisciplinary investigation of two Egyptian child mummies curated at the University of Tartu Art Museum, Estonia (Late/Graeco-Roman Periods). PLoS ONE, 2020, 15, e0227446.	2.5	18
7	Comparison of derivatization methods for the quantitative gas chromatographic analysis of oils. Analytical Methods, 2019, 11, 3514-3522.	2.7	18
8	Quantitative non-destructive analysis of paper fillers using ATR-FT-IR spectroscopy with PLS method. Analytical and Bioanalytical Chemistry, 2019, 411, 5127-5138.	3.7	13
9	Synthesis and photophysics of a series of lipophilic phosphazeneâ€based fluorescent indicators. Journal of Physical Organic Chemistry, 2019, 32, e3950.	1.9	12
10	Reflectance FT-IR spectroscopy as a viable option for textile fiber identification. Heritage Science, 2019, 7, .	2.3	79
11	Beneficiation of Oil Shale Processing Waste: Secondary Binder Phases in Alkali Activated Composites. Waste and Biomass Valorization, 2019, 10, 1407-1417.	3.4	4
12	THE LIFE AND TIMES OF AN ESTONIAN MESOLITHIC SLOTTED BONE â€˜DAGGERâ€™. EXTENDED OBJECT BIOGRAPHIES FOR LEGACY OBJECTS. Estonian Journal of Archaeology, 2019, 23, 103.	0.8	5
13	Multi-method Analysis of Avian Eggs as Grave Goods: Revealing Symbolism in Conversion Period Burials at Kukruse, NE Estonia. Environmental Archaeology, 2018, 23, 109-122.	1.2	12
14	Sand coatings in paleosols: Evidence of weathering across the Plio-Pleistocene boundary to modern times on Mt. Kenya. Geomorphology, 2018, 317, 91-106.	2.6	5
15	Social food here and hereafter: Multiproxy analysis of gender-specific food consumption in conversion period inhumation cemetery at Kukruse, NE-Estonia. Journal of Archaeological Science, 2018, 97, 90-101.	2.4	12
16	Buried amber finds in the coastal deposits of Saaremaa Island, eastern Baltic Sea â€“ their sedimentary environment and possible use by Bronze Age islanders. Boreas, 2017, 46, 725-736.	2.4	3
17	Synthesis and properties of highly lipophilic phosphazene bases. Tetrahedron Letters, 2017, 58, 2098-2102.	1.4	9
18	Method development for the analysis of resinous materials with MALDIâ€FTâ€ICRâ€MS: novel internal standards and a new matrix material for negative ion mode. Journal of Mass Spectrometry, 2017, 52, 603-617.	1.6	11

#	Article	IF	Citations
19	MALDIâ€FTâ€ICRâ€MS for archaeological lipid residue analysis. Journal of Mass Spectrometry, 2017, 52, 689-700.	1.6	16
20	Effects of neutral and charged substituents on the infrared carbonyl stretching frequencies in phenyl and alkyl benzoates in DMSO. Journal of Physical Organic Chemistry, 2017, 30, e3608.	1.9	1
21	Identification and classification of textile fibres using ATR-FT-IR spectroscopy with chemometric methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 175-181.	3.9	88
22	ATR-FT-IR spectral collection of conservation materials in the extended region of 4000-80Âcmâ€“1. Analytical and Bioanalytical Chemistry, 2016, 408, 3373-3379.	3.7	158
23	Alkali activated construction materials: Assessing the alternative use for oil shale processing solid wastes. Construction and Building Materials, 2016, 122, 458-464.	7.2	15
24	Diagenetic fate of bioapatite in linguliform brachiopods: multiple apatite phases in shells of Cambrian lingulate brachiopod Ungula ingrica (Eichwald). Lethaia, 2016, 49, 13-27.	1.4	6
25	2,5â€Dihydroxybenzoic acid solution in MALDIâ€MS: ageing and use for mass calibration. Journal of Mass Spectrometry, 2014, 49, 970-979.	1.6	16
26	ATR-FTIR spectroscopy and quantitative multivariate analysis of paints and coating materials. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 207-213.	3.9	55
27	Analysis of dammar resin with MALDIâ€FTâ€ICRâ€MS and APCIâ€FTâ€ICRâ€MS. Journal of Mass Spectrometry, 2012, 47, 392-409.	1.6	23
28	INVESTIGATION OF THE ADHESIVE RESIDUE ON THE FLINT INSERT AND THE ADHESIVE LUMP FOUND FROM THE PULLI EARLY MESOLITHIC SETTLEMENT SITE (ESTONIA) BY MICRO-ATR-FT-IR SPECTROSCOPY. Estonian Journal of Archaeology, 2011, 15, 3.	0.8	31
29	17O NMR study of ortho and alkyl substituent effects in substituted phenyl and alkyl esters of benzoic acids. Collection of Czechoslovak Chemical Communications, 2011, 76, 1737-1763.	1.0	4
30	ATR-FT-IR spectroscopy in the region of 550â€“230 cmâ^'1 for identification of inorganic pigments. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 1061-1072.	3.9	93
31	Effect of ortho substituents on carbonyl carbon ¹³C NMR chemical shifts in substituted phenyl benzoates. Journal of Physical Organic Chemistry, 2009, 22, 1155-1165.	1.9	20
32	ATR-FT-IR spectroscopy in the region of 500â€“230 cmâ^'1 for identification of inorganic red pigments. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 764-771.	3.9	58
33	Kinetic study of hydrolysis of benzoates. part xxvii. ortho substituent effect in alkaline hydrolysis of phenyl esters of substituted benzoic acids in aqueous Bu4NBr. Collection of Czechoslovak Chemical Communications, 2009, 74, 29-42.	1.0	9
34	Influence of substituents on the infrared stretching frequencies of carbonyl group in esters of benzoic acid. Journal of Physical Organic Chemistry, 2006, 19, 654-663.	1.9	23