

Nanna Viereck

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

615
citations

623734

14
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1057
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of the degree of blockiness in pectins using ¹ H NMR spectroscopy and chemometrics. <i>Food Hydrocolloids</i> , 2007, 21, 256-266.	10.7	72
2	Determination of Dry Matter Content in Potato Tubers by Low-Field Nuclear Magnetic Resonance (LF-NMR). <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 10300-10304.	5.2	68
3	Phosphate pool dynamics in the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> studied by in vivo ³¹ P NMR spectroscopy. <i>New Phytologist</i> , 2004, 162, 783-794.	7.3	66
4	An exploratory NMR nutri-metabonomic investigation reveals dimethyl sulfone as a dietary biomarker for onion intake. <i>Analyst</i> , The, 2009, 134, 2344.	3.5	61
5	Water mobility in acidified milk drinks studied by low-field ¹ H NMR. <i>International Dairy Journal</i> , 2007, 17, 294-301.	3.0	51
6	³¹ P NMR for the study of P metabolism and translocation in arbuscular mycorrhizal fungi. <i>Plant and Soil</i> , 2000, 226, 245-253.	3.7	50
7	Functionality of alginate based supplements for application in human appetite regulation. <i>Food Chemistry</i> , 2012, 132, 823-829.	8.2	37
8	Mathematical chromatography solves the cocktail party effect in mixtures using 2D spectra and PARAFAC. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 281-284.	11.4	32
9	Spectroscopic characterization of low- and non-fat cream cheeses. <i>International Dairy Journal</i> , 2010, 20, 32-39.	3.0	31
10	Quantification of blockiness in pectins—A comparative study using vibrational spectroscopy and chemometrics. <i>Carbohydrate Research</i> , 2009, 344, 1833-1841.	2.3	26
11	Exploring abiotic stress on asynchronous protein metabolism in single kernels of wheat studied by NMR spectroscopy and chemometrics. <i>Journal of Experimental Botany</i> , 2008, 60, 291-300.	4.8	21
12	Antibiotic Treatment Preventing Necrotising Enterocolitis Alters Urinary and Plasma Metabolomes in Preterm Pigs. <i>Journal of Proteome Research</i> , 2017, 16, 3547-3557.	3.7	21
13	Backbone Dynamics of Reduced Plastocyanin from the Cyanobacterium <i>Anabaena variabilis</i> : Regions Involved in Electron Transfer Have Enhanced Mobility. <i>Biochemistry</i> , 2003, 42, 320-330.	2.5	20
14	Lipid composition and deposition during grain filling in intact barley (<i>Hordeum vulgare</i>) mutant grains as studied by ¹ H HR MAS NMR. <i>Journal of Cereal Science</i> , 2011, 54, 442-449.	3.7	16
15	Bulk Carbohydrate Grain Filling of Barley ¹² C-Glucan Mutants Studied by ¹ H HR MAS NMR. <i>Cereal Chemistry</i> , 2008, 85, 571-577.	2.2	14
16	Ancient Danish Apple Cultivars—A Comprehensive Metabolite and Sensory Profiling of Apple Juices. <i>Metabolites</i> , 2019, 9, 139.	2.9	14
17	A New Principle for Unique Spectral Decomposition of 2D NMR Data. <i>Special Publication - Royal Society of Chemistry</i> , 0, , 195-203.	0.0	5
18	Education for innovation and entrepreneurship in the food system: the Erasmus+ BoostEdu approach and results. <i>Current Opinion in Food Science</i> , 2021, 42, 157-166.	8.0	3

#	ARTICLE	IF	CITATIONS
19	Warping: Investigation of NMR Pre-processing and Correction. Special Publication - Royal Society of Chemistry, 2005, , 131-138.	0.0	3
20	Investigating Depth Profiles from Porcine Adipose Tissue by HR MAS NMR Spectroscopy. Special Publication - Royal Society of Chemistry, 2013, , 81-89.	0.0	1
21	Monitoring Thermal Processes by NMR Technology. , 2005, , 553-575.		0