

Harri T Koskela

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

759233

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27
all docs

27
docs citations

27
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum mechanical reference spectrum simulation for precursors and degradation products of chemicals relevant to the Chemical Weapons Convention. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 117-137.	1.9	1
2	Biosynthesis of the Bis-Prenylated Alkaloids Muscoride A and B. <i>ACS Chemical Biology</i> , 2019, 14, 2683-2690.	3.4	32
3	Liquid-State NMR Analysis of Nanocelluloses. <i>Biomacromolecules</i> , 2018, 19, 2708-2720.	5.4	57
4	pH-Dependent Piecewise Linear Correlation of ^1H , ^{31}P Chemical Shifts: Application in NMR Identification of Nerve Agent Metabolites in Urine Samples. <i>Analytical Chemistry</i> , 2018, 90, 8495-8500.	6.5	5
5	NMR chemical shift and J coupling parameterization and quantum mechanical reference spectrum simulation for selected nerve agent degradation products in aqueous conditions. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 917-927.	1.9	6
6	Application of comprehensive NMR-based analysis strategy in annotation, isolation and structure elucidation of low molecular weight metabolites of <i>Ricinus communis</i> seeds. <i>Phytochemical Analysis</i> , 2016, 27, 64-72.	2.4	5
7	ME-CAGEBIRD r_X -CPMG-HSQC. A phase sensitive, multiplicity edited long range HSQC with absorptive line shapes. <i>Journal of Magnetic Resonance</i> , 2016, 272, 114-122.	2.1	2
8	Identification of gymnodimine D and presence of gymnodimine variants in the dinoflagellate <i>Alexandrium ostenfeldii</i> from the Baltic Sea. <i>Toxicon</i> , 2016, 112, 68-76.	1.6	48
9	A set of triple-resonance nuclear magnetic resonance experiments for structural characterization of organophosphorus compounds in mixture samples. <i>Analytica Chimica Acta</i> , 2012, 751, 105-111.	5.4	5
10	Separation and structural characterization of a synthetic cannabinoid found in a herbal product using off-line LC-DAD-NMR. <i>Analytical Methods</i> , 2011, 3, 2307.	2.7	6
11	Use of NMR techniques for toxic organophosphorus compound profiling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1365-1381.	2.3	34
12	Quantitative two-dimensional HSQC experiment for high magnetic field NMR spectrometers. <i>Journal of Magnetic Resonance</i> , 2010, 202, 24-33.	2.1	49
13	Structural Characterization of Chemical Warfare Agent Degradation Products in Decontamination Solutions with Proton Band-Selective ^1H - ^{31}P NMR Spectroscopy. <i>Analytical Chemistry</i> , 2010, 82, 5331-5340.	6.5	17
14	Solution structure of the parvulin-type PPIase domain of <i>Staphylococcus aureus</i> PrsA – Implications for the catalytic mechanism of parvulins. <i>BMC Structural Biology</i> , 2009, 9, 17.	2.3	40
15	On-Flow Pulsed Field Gradient Heteronuclear Correlation Spectrometry in Off-Line LC-SPE-NMR Analysis of Chemicals Related to the Chemical Weapons Convention. <i>Analytical Chemistry</i> , 2009, 81, 1262-1269.	6.5	12
16	Chapter 1 Quantitative 2D NMR Studies. <i>Annual Reports on NMR Spectroscopy</i> , 2009, 66, 1-31.	1.5	38
17	Application of a Microcoil Probe Head in NMR Analysis of Chemicals Related to the Chemical Weapons Convention. <i>Analytical Chemistry</i> , 2008, 80, 5556-5564.	6.5	13
18	Determination of Trace Amounts of Chemical Warfare Agent Degradation Products in Decontamination Solutions with NMR Spectroscopy. <i>Analytical Chemistry</i> , 2007, 79, 9098-9106.	6.5	24

#	ARTICLE	IF	CITATIONS
19	Rapid and accurate processing method for amide proton exchange rate measurement in proteins. Journal of Biomolecular NMR, 2007, 37, 313-320.	2.8	9
20	Screening and Identification of Organophosphorus Compounds Related to the Chemical Weapons Convention with 1D and 2D NMR Spectroscopy. Analytical Chemistry, 2006, 78, 3715-3722.	6.5	28
21	Some aspects of quantitative 2D NMR. Journal of Magnetic Resonance, 2005, 174, 237-244.	2.1	78
22	Evaluation of protein ¹⁵ N relaxation times by inverse Laplace transformation. Magnetic Resonance in Chemistry, 2004, 42, 61-65.	1.9	8
23	LR-CAHSQC: an application of a Carr-Purcell-Meiboom-Gill-type sequence to heteronuclear multiple bond correlation spectroscopy. Journal of Magnetic Resonance, 2003, 164, 228-232.	2.1	49