

# Harri T Koskela

## List of Publications by Year in descending order

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23  
papers

574  
citations

759233

12  
h-index

677142

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Some aspects of quantitative 2D NMR. <i>Journal of Magnetic Resonance</i> , 2005, 174, 237-244.	2.1	78
2	Liquid-State NMR Analysis of Nanocelluloses. <i>Biomacromolecules</i> , 2018, 19, 2708-2720.	5.4	57
3	LR-CAHSQC: an application of a Carr-Purcell-Meiboom-Gill-type sequence to heteronuclear multiple bond correlation spectroscopy. <i>Journal of Magnetic Resonance</i> , 2003, 164, 228-232.	2.1	49
4	Quantitative two-dimensional HSQC experiment for high magnetic field NMR spectrometers. <i>Journal of Magnetic Resonance</i> , 2010, 202, 24-33.	2.1	49
5	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
6	Solution structure of the parvulin-type PPLase 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
7	Chapter 1 Quantitative 2D NMR Studies. <i>Annual Reports on NMR Spectroscopy</i> , 2009, 66, 1-31.	1.5	38
8	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
9	Biosynthesis of the Bis-Prenylated Alkaloids Muscoride A and B. <i>ACS Chemical Biology</i> , 2019, 14, 2683-2690.	3.4	32
10	Screening and Identification of Organophosphorus Compounds Related to the Chemical Weapons Convention with 1D and 2D NMR Spectroscopy. <i>Analytical Chemistry</i> , 2006, 78, 3715-3722.	6.5	28
11	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
12	Structural Characterization of Chemical Warfare Agent Degradation Products in Decontamination Solutions with Proton Band-Selective $^1\text{H}$ - $^{31}\text{P}$ NMR Spectroscopy. <i>Analytical Chemistry</i> , 2010, 82, 5331-5340.	6.5	17
13	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
14	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
15	Rapid and accurate processing method for amide proton exchange rate measurement in proteins. <i>Journal of Biomolecular NMR</i> , 2007, 37, 313-320.	2.8	9
16	Evaluation of protein $^{15}\text{N}$ relaxation times by inverse Laplace transformation. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 61-65.	1.9	8
17	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
18	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

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19	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
20	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
21	pH-Dependent Piecewise Linear Correlation of $^1\text{H}$ , $^{31}\text{P}$ Chemical Shifts: Application in NMR Identification of Nerve Agent Metabolites in Urine Samples. <i>Analytical Chemistry</i> , 2018, 90, 8495-8500.	6.5	5
22	ME-CAGEBIRD $r_X$ -CPMG-HSQMBC. 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
23	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