

# Christie Aroulanda

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

713  
citations

471509

17  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantiotopic discrimination in the NMR spectrum of prochiral solutes in chiral liquid crystals. <i>Chemical Society Reviews</i> , 2015, 44, 2330-2375.	38.1	104
2	Weakly Oriented Liquid-Crystal NMR Solvents as a General Tool to Determine Relative Configurations. <i>Chemistry - A European Journal</i> , 2003, 9, 4536-4539.	3.3	102
3	NMR Experimental Evidence of the Differentiation of Enantiotopic Directions in $C_{2v}$ Molecules Using Partially Oriented, Chiral Media. <i>Journal of the American Chemical Society</i> , 2001, 123, 12059-12066.	13.7	71
4	Multinuclear NMR in polypeptide liquid crystals: Three fertile decades of methodological developments and analytical challenges. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2020, 116, 85-154.	7.5	50
5	Cyclobishelicenes: Shape-Persistent Figure-Eight Aromatic Molecules with Promising Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 14364-14369.	3.3	43
6	Structural Ambiguities Revisited in Two Bridged Ring Systems Exhibiting Enantiotopic Elements, Using Natural Abundance Deuterium NMR in Chiral Liquid Crystals. <i>Journal of Physical Chemistry A</i> , 2003, 107, 10911-10918.	2.5	39
7	Exploring the Analytical Potential of NMR Spectroscopy in Chiral Anisotropic Media for the Study of the Natural Abundance Deuterium Distribution in Organic Molecules. <i>Analytical Chemistry</i> , 2004, 76, 2827-2835.	6.5	33
8	Routine Use of Natural Abundance Deuterium NMR in a Polypeptidic Chiral Oriented Solvent for the Determination of the Enantiomeric Composition of Chiral Building Blocks. <i>Organic Letters</i> , 2002, 4, 1663-1666.	4.6	30
9	<sup>2</sup> H-...NMR Studies on Two Homopolypeptide Lyotropic Enantiodiscriminating Mesophases: Experimental Quantification of Solute-Fiber Affinities. <i>Chemistry - A European Journal</i> , 2008, 14, 4082-4092.	3.3	28
10	Investigation of SmI <sub>2</sub> -mediated cyclisation of $\alpha$ -iodo- $\beta$ -unsaturated esters by deuterium 2D NMR in oriented solvents. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1465-1475.	1.8	25
11	Molecular enantiodiscrimination by NMR spectroscopy in chiral oriented systems: Concept, tools, and applications. <i>Chirality</i> , 2022, 34, 182-244.	2.6	24
12	Enantiodiscrimination of Flexible Cyclic Solutes Using NMR Spectroscopy in Polypeptide Chiral Mesophases: Investigation of <i>cis</i> -Decalin and THF. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10628-10640.	2.6	23
13	Conformational Investigation in Solution of a Fluorinated Anti-inflammatory Drug by NMR Spectroscopy in Weakly Ordering Media. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9007-9016.	2.6	22
14	Efficient enantiodiscrimination of chiral monophosphine oxides and boranes by phosphorus coupled <sup>13</sup> C NMR spectroscopy in the presence of chiral ordering agents. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1141-1152.	1.8	21
15	The conformational behaviour of naproxen and flurbiprofen in solution by NMR spectroscopy. <i>New Journal of Chemistry</i> , 2015, 39, 9086-9097.	2.8	20
16	Enantiomeric recognition of chiral invertomers through NMR in chiral oriented phases: a study of <i>cis</i> -decalin. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 737-744.	1.8	19
17	Analytical contribution of NAD 2D-NMR spectroscopy in polypeptide mesophases to the investigation of triglycerides. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, S2-11.	1.9	19
18	Assessing the stable conformations of ibuprofen in solution by means of Residual Dipolar Couplings. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 106, 113-121.	4.0	15

#	ARTICLE	IF	CITATIONS
19	Enantiotopic discrimination in the deuterium NMR spectrum of solutes with S4 symmetry in chiral liquid crystals. <i>Journal of Chemical Physics</i> , 2011, 134, 134502.	3.0	12
20	Investigation of Solute-Fiber Affinity and Orientational Ordering of Norbornadiene Interacting with Two-Polypeptide Chiral Liquid Crystalline Solvents by Natural Abundance Deuterium (NAD) NMR. <i>Journal of Physical Chemistry A</i> , 2016, 120, 6076-6088.	2.5	9
21	Metabolic composition and authenticity evaluation of bergamot essential oil assessed by nuclear magnetic resonance spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2297-2313.	3.7	4