

# Peter L Rinaldi

## List of Publications by Year in descending order

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31  
papers

576  
citations

759233

12  
h-index

610901

24  
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31  
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31  
docs citations

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times ranked

520  
citing authors

#	ARTICLE	IF	CITATIONS
1	<sup>1</sup> H NMR study of the phase behavior of aqueous eutectic solutions using the inverse Laplace transform analysis of T <sub>2</sub> relaxation. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 928-935.	1.9	3
2	Group 13 Superacid Adducts of [PCl <sub>2</sub> N] <sub>3</sub> . <i>Inorganic Chemistry</i> , 2016, 55, 3283-3293.	4.0	9
3	Synthesis and microstructural characterization of poly(chlorotrifluoroethylene-co-vinylidene chloride) copolymers. <i>Polymer Chemistry</i> , 2015, 6, 3790-3799.	3.9	8
4	NMR Study of the Chain End and Branching Units in Poly(vinylidene fluoride-co-tetrafluoroethylene). <i>Macromolecules</i> , 2014, 47, 1000-1008.	4.8	11
5	Characterization of Backbone Structures in Poly(vinylidene fluoride-co-hexafluoropropylene) Copolymers by Multidimensional <sup>19</sup> F NMR Spectroscopy. <i>Macromolecules</i> , 2013, 46, 4892-4908.	4.8	17
6	Use of <sup>1</sup> H/ <sup>13</sup> C/ <sup>19</sup> F Triple Resonance 3D-NMR to Characterize the Stereosequences in Poly(vinylidene fluoride-co-tetrafluoroethylene). <i>Macromolecules</i> , 2013, 46, 1000-1008.	4.8	11
7	2D-NMR Characterization of Sequence Distributions in the Backbone of Poly(vinylidene fluoride-co-tetrafluoroethylene). <i>Macromolecules</i> , 2013, 46, 1000-1008.	4.8	15
8	2D-NMR Studies of Polyvinylidene Fluoride. <i>ACS Symposium Series</i> , 2012, , 187-213.	0.5	9
9	Characterization of the Chain-Ends and Branching Structures in Polyvinylidene Fluoride with Multidimensional NMR. <i>Macromolecules</i> , 2012, 45, 5501-5512.	4.8	42
10	2-D NMR Studies of Chain-End Structures in Poly(Hexafluoropropylene Oxide) Fluoropolymers. <i>International Journal of Polymer Analysis and Characterization</i> , 2012, 17, 161-188.	1.9	7
11	Tutorial on Solution NMR of Polymers. <i>ACS Symposium Series</i> , 2011, , 37-63.	0.5	2
12	NMR Characterization of the Higher Molecular Weight Byproducts Formed During the Synthesis of [PCl <sub>2</sub> N] <sub>3</sub> . <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 477-481.	3.7	3
13	Characterization of Carbon Monoxide Centered Triads in Poly[ethylene-co-(butyl acrylate)]. <i>Journal of Polymer Science, Part A: Polymer Chemistry</i> , 2005, 43, 1520-1529.	2.2	8
14	Molecular mobility and structure of ultrasonically treated unfilled butadiene rubber. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 1875-1887.	2.1	6
15	Three-dimensional solution NMR spectroscopy of complex structures and mixtures. <i>Analyst</i> , 2004, 129, 687.	3.5	22
16	An NMR Study of the Supramolecular Chemistry of Modified Poly(propyleneimine) Dendrimers. <i>Macromolecules</i> , 2004, 37, 8313-8318.	4.8	23
17	Triple Resonance <sup>1</sup> H/ <sup>13</sup> C/ <sup>19</sup> F Multidimensional Solution NMR of Fluoropolymers: Experimental Aspects. <i>ACS Symposium Series</i> , 2002, , 123-136.	0.5	0
18	Multidimensional NMR Studies on Polyurethane-Based Dendritic Wedges. <i>ACS Symposium Series</i> , 2002, , 147-165.	0.5	0

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19	Studies of Allyl Alcohol Radical Polymerization by PFG-HMQC and HMBC NMR at 750 MHz. <i>Macromolecules</i> , 2002, 35, 2602-2607.	4.8	33
20	Polymer Characterization by 3D Solution NMR. <i>ACS Symposium Series</i> , 2002, , 94-122.	0.5	5
21	$^1\text{H}/^{13}\text{C}/^{29}\text{Si}$ Triple Resonance 3D NMR Study of Poly(dimethylsiloxane) MD3MH. <i>ACS Symposium Series</i> , 2002, , 137-146.	0.5	1
22	Platinum $\text{\textasciitilde}$ Silicon Four-Membered Rings of Two Different Structural Types. <i>Organometallics</i> , 2000, 19, 192-205.	2.3	73
23	Solid State NMR Studies of Polymeric Diphenylmethane Diisocyanate (PMDI) Derived Species in Wood. <i>Journal of Adhesion</i> , 1999, 71, 377-394.	3.0	14
24	Resolution of Signals from Long-Chain Branching in Polyethylene by $^{13}\text{C}$ NMR at 188.6 MHz. <i>Macromolecules</i> , 1999, 32, 3817-3819.	4.8	78
25	Synthesis of Neutral Tetranuclear and Octanuclear Macrocyclic Platinum $\text{\textasciitilde}$ Butadiyne Heterocyclines. <i>Journal of the American Chemical Society</i> , 1998, 120, 12149-12150.	13.7	102
26	Characterization of Poly(1-phenyl-1-silabutane) Tacticity via $^1\text{H}/^{13}\text{C}/^{29}\text{Si}$ Triple-Resonance 3D-NMR. <i>Macromolecules</i> , 1997, 30, 1240-1242.	4.8	24
27	Tacticity of Poly(1-chloro-1-fluoroethylene) Fluoropolymer Determined Using $^1\text{H}/^{13}\text{C}/^{19}\text{F}$ Triple-Resonance 3D-NMR. <i>Macromolecules</i> , 1996, 29, 4808-4810.	4.8	28
28	Investigation of statistical, block and graft copolymerizations using nmr $\text{\textasciitilde}$ sensitive initiators and macroinitiators. <i>Macromolecular Symposia</i> , 1996, 111, 25-35.	0.7	10
29	Applications of $^1\text{H}\text{\textasciitilde}$ $^{19}\text{F}\text{\textasciitilde}$ $^{13}\text{C}$ Triple-Resonance NMR Methods to the Characterization of Fluoropolymers. <i>ACS Symposium Series</i> , 1995, , 215-242.	0.5	3
30	Utility of pulsed-field gradient $\text{\textasciitilde}$ HMBC indirect detection NMR experiments for polymer structure determination. <i>Polymer International</i> , 1995, 36, 177-185.	3.1	12
31	Applications of triple resonance NMR techniques to the study of polymer structure and reactivity. <i>Macromolecular Symposia</i> , 1994, 86, 15-33.	0.7	1