

# Luiz F Pinto

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Dynamics of Dendrimers by NMR Relaxation: Interpretation Pitfalls. Journal of the American Chemical Society, 2013, 135, 1972-1977.	13.7	49
2	Novel highly-soluble peptide-chitosan polymers: Chemical synthesis and spectral characterization. Carbohydrate Polymers, 2006, 64, 299-305.	10.2	46
3	Complexation Models of N-(2-Carboxyethyl)chitosans with Copper(II) Ions. Biomacromolecules, 2005, 6, 189-195.	5.4	34
4	Synthesis, structural characterization and properties of water-soluble N-(1 <sup>3</sup> -propanoyl-amino) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	10.2	33
5	Headspace solid-phase micro-extraction and gas chromatography-ion trap tandem mass spectrometry method for butyltin analysis in sediments: Optimization and validation. Microchemical Journal, 2007, 87, 147-153.	4.5	32
6	Stepwise Filtering of the Internal Layers of Dendrimers by Transverse-Relaxation-Edited NMR. Journal of the American Chemical Society, 2013, 135, 11513-11516.	13.7	30
7	NMR signal enhancement of >50,000 times in fast dissolution dynamic nuclear polarization. Chemical Communications, 2017, 53, 3757-3760.	4.1	18
8	Radical Dendrimers Based on Biocompatible Oligoethylene Glycol Dendrimers as Contrast Agents for MRI. Pharmaceutics, 2020, 12, 772.	4.5	18
9	Fully Water-Soluble Polyphosphorhydrazone-Based Radical Dendrimers Functionalized with Tyr-PROXYL Radicals as Metal-Free MRI Contrast Agents. ACS Applied Bio Materials, 2020, 3, 369-376.	4.6	17
10	Predicting PSR Filters by Transverse Relaxation Enhancements. Analytical Chemistry, 2015, 87, 760-767.	6.5	8
11	Fast NMR Screening of Macromolecular Complexes by a Paramagnetic Spin Relaxation Filter. ACS Omega, 2018, 3, 2974-2983.	3.5	6
12	Tuning Spin-Spin Interactions in Radical Dendrimers. ChemPhysChem, 2018, 19, 1895-1902.	2.1	6
13	Filtering the NMR Spectra of Complex Mixtures through Polymer-Mediated Paramagnetic Spin Relaxation. Chemistry - A European Journal, 2018, 24, 19236-19242.	3.3	4