

# Pedro Lameiras

## List of Publications by Year in descending order

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41  
papers

348  
citations

933447

10  
h-index

940533

16  
g-index

44  
all docs

44  
docs citations

44  
times ranked

383  
citing authors

#	ARTICLE	IF	CITATIONS
1	MeLi + LiCl in THF: One Heterodimer and No Tetramers. <i>Journal of Organic Chemistry</i> , 2010, 75, 5976-5983.	3.2	42
2	Glycerol and glycerol carbonate as ultraviscous solvents for mixture analysis by NMR. <i>Journal of Magnetic Resonance</i> , 2011, 212, 161-168.	2.1	26
3	Structural characterization and <i>in vivo</i> pro-tumor properties of a highly conserved matrikine. <i>Oncotarget</i> , 2018, 9, 17839-17857.	1.8	23
4	An alkaloid, two conjugate sesquiterpenes and a phenylpropanoid from <i>Pachypodanthium confine</i> Engl. and Diels. <i>Phytochemistry</i> , 2007, 68, 1813-1818.	2.9	20
5	Atropisomerism about Aryl- <sup>3</sup> C Bonds: The Electronic and Steric Influence of <i>ortho</i> -Substituents on Conformational Exchange in Cannabidiol and Linderatin Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 6015-6027.	3.2	17
6	Highly Viscous Binary Solvents: DMSO-d <sub>6</sub> /Glycerol and DMSO-d <sub>6</sub> /Glycerol-d <sub>8</sub> for Polar and Apolar Mixture Analysis by NMR. <i>Analytical Chemistry</i> , 2016, 88, 4508-4515.	6.5	17
7	Ion-exchange centrifugal partition chromatography: A methodological approach for peptide separation. <i>Journal of Chromatography A</i> , 2012, 1236, 115-122.	3.7	15
8	Atropisomerism about Aryl- <sup>3</sup> C Bonds: Conformational Behavior of Substituted Phenylcyclohexanes in Solution. <i>Journal of Organic Chemistry</i> , 2016, 81, 2372-2382.	3.2	13
9	Serinolic amino- <i>s</i> -triazines: iterative synthesis and rotational stereochemistry phenomena as <i>N</i> -substituted derivatives of 2-aminopropane-1,3-diols. <i>Tetrahedron</i> , 2008, 64, 8851-8870.	1.9	12
10	Serinolic Amino- <i>s</i> -triazines: Iterative Synthesis of <i>N</i> -Substituted Amino-1,3-dioxane Derivatives from <i>ortho</i> -( <i>p</i> -Nitrophenyl)serinols and Rotational Stereochemistry Phenomena. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2473-2494.	2.4	11
11	Small Molecule Mixture Analysis by Heteronuclear NMR under Spin Diffusion Conditions in Viscous DMSO-Water Solvent. <i>Chemistry - A European Journal</i> , 2017, 23, 4923-4928.	3.3	11
12	Improved Enantioselective Synthesis of ( <i>b</i> )-Linderol A: Hindered Rotation about Aryl- <sup>3</sup> C Bond. <i>Journal of Organic Chemistry</i> , 2010, 75, 2501-2509.	3.2	10
13	Intramolecular OH/H versus C-H/O H-Bond-Dependent Conformational Control about Aryl- <sup>3</sup> C Bonds in Cannabidiol Derivatives. <i>Organic Letters</i> , 2019, 21, 6855-6859.	4.6	10
14	First Synthesis of a G-2 Melamine Dendrimer with Serinolic Peripheral Groups. <i>Letters in Organic Chemistry</i> , 2006, 3, 905-910.	0.5	9
15	Design, synthesis and structure of new dendritic melamines. First use of a tandem C-2-substituted serinol-O,O-masked 4-piperidone as a peripheral unit in iterative synthesis. <i>Tetrahedron</i> , 2012, 68, 8945-8967.	1.9	9
16	±-(3,7-Dioxo- <i>r</i> -1-azabicyclo[3.3.0]oct- <i>c</i> -5-ylmethoxy)-diazines. Part 1: Synthesis and stereochemistry. Extension to <i>s</i> -triazine series. <i>Tetrahedron</i> , 2006, 62, 7319-7338.	1.9	8
17	Amino- <i>s</i> -triazines Synthesis and stereochemistry of restricted rotational phenomena First use of a C-2-substituted serinol in tandem with masked 4-piperidone for selective amination of cyanuric chloride. <i>Canadian Journal of Chemistry</i> , 2011, 89, 1207-1221.	1.1	7
18	Polar mixture analysis by NMR under spin diffusion conditions in viscous sucrose solution and agarose gel. <i>Faraday Discussions</i> , 2019, 218, 233-246.	3.2	7

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19	Mixture Analysis in Viscous Solvents by NMR Spin Diffusion Spectroscopy: ViscY. Application to High- and Low-Polarity Organic Compounds Dissolved in Sulfolane/Water and Sulfolane/DMSO- <i>d</i> <sub>6</sub> Blends. <i>Analytical Chemistry</i> , 2020, 92, 5191-5199.	6.5	7
20	Diastereoselective Synthesis of Axially Chiral Xylose-Derived 1,3-Disubstituted Alkoxyallenes: Scope, Structure, and Mechanism. <i>Journal of Organic Chemistry</i> , 2020, 85, 10681-10694.	3.2	6
21	Tailoring the nuclear Overhauser effect for the study of small and medium-sized molecules by solvent viscosity manipulation. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2021, 123, 1-50.	7.5	6
22	Regio- and diastereocontrolled preparative oxidation of methyloctalones by a biomimetic porphyrin catalyst. <i>Chirality</i> , 2004, 16, 398-403.	2.6	5
23	FIRST SYNTHESIS, ROTAMERISM AND HERBICIDAL EVALUATION OF SUBSTITUTED <i>s</i> -TRIAZINES WITH SERINOLIC FRAGMENT. <i>Heterocyclic Communications</i> , 2006, 12, .	1.2	5
24	Study of interaction between tiagabine HCl and 2-HP $\beta$ CD: investigation of inclusion process. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 68, 55-63.	1.6	5
25	Stereochemistry of six-membered spiranes arising from the first use of a diaza-trispiro-heneicosane motif in the synthesis of a G-1 dendritic melamine. <i>Tetrahedron</i> , 2013, 69, 2199-2213.	1.9	5
26	Convergent Versus Divergent Three-Step Synthesis of the First (4-Aminophenoxy)alkanoic Acid-Based Tripodal Melamines. <i>Synthetic Communications</i> , 2015, 45, 1688-1695.	2.1	4
27	High resolution techniques: general discussion. <i>Faraday Discussions</i> , 2019, 218, 247-267.	3.2	4
28	Benzoyl Groups as ortho-Substituents in Cannabidiol Derivatives: Controlling Axial Conformation about Aryl-C(sp <sup>3</sup> ) Bonds. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 360-368.	2.4	4
29	FIRST SYNTHESIS, ROTAMERISM AND HERBICIDAL EVALUATION OF SUBSTITUTED <i>s</i> -TRIAZINES WITH AMINO-1,3-DIOXANE GROUPS. <i>Heterocyclic Communications</i> , 2006, 12, .	1.2	3
30	Synthesis and Conformational Analysis of the First 3-Oxa-7-thia-1- <i>r</i> -azabicyclo[3.3.0]- <i>c</i> -5-octane Single Functionalised at the C-5 Position. <i>Letters in Organic Chemistry</i> , 2010, 7, 283-290.	0.5	3
31	New serinolic amino- <i>s</i> -triazines by chemoselective amination of cyanuric chloride and their (pro)diastereomerism in restricted rotational phenomena. <i>Open Chemistry</i> , 2012, 10, 1119-1136.	1.9	3
32	Synthesis and stereochemistry of new 1,3-thiazolidine systems based on 2-amino-2-(mercaptomethyl)propane-1,3-diol: 4,4-bis(hydroxymethyl)-1,3-thiazolidines and <i>c</i> -5-hydroxymethyl-3-oxa-7-thia- <i>r</i> -1-azabicyclo[3.3.0]octanes. <i>Tetrahedron</i> , 2013, 69, 9966-9985.	1.9	3
33	Design, iterative synthesis and structure of novel optically active trispiro-dendritic melamines incorporating "open-chain" versus "closed-chain" serinolic peripheral units. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 683-701.	1.8	3
34	Design, synthesis and structure of novel G-2 melamine-based dendrimers incorporating 4-( <i>n</i> -octyloxy)aniline as a peripheral unit. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1704-1722.	2.2	3
35	ViscY NMR experiments in phosphoric acid as a viscous solvent for individualization of small molecules within mixtures by spin diffusion. <i>Analyt. The</i> , 2021, 146, 5316-5325.	3.5	3
36	FIRST EXAMPLES OF THE CONFORMATION CHIRALITY OF HETEROBICYCLO[3.3.0]OCTANES : 3,7-DIOXA- <i>r</i> -1-AZABICYCLO[3.3.0]OCT- <i>c</i> -5-YL-METHOXPYRAZINES. <i>Heterocyclic Communications</i> , 2005, 11, .	1.2	2

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37	New p-aminophenol-based dendritic melamines. Iterative synthesis, structure, and electrochemical characterisation. <i>Comptes Rendus Chimie</i> , 2017, 20, 402-414.	0.5	2
38	Effects of Two Natural Bisbenzylisoquinolines, Curine and Guattegaumerine, Extracted from <i>Isolona hexaloba</i> on Rhodamine Efflux by Abcb1b from Rat Glycocholic-Acid-Resistant Hepatocarcinoma Cells. <i>Molecules</i> , 2022, 27, 3030.	3.8	2
39	Use of Diethanolamine as a Viscous Solvent for Mixture Analysis by Multidimensional Heteronuclear $^{13}\text{C}$ NMR Experiments. <i>Analytical Chemistry</i> , 0, , .	6.5	2
40	Synthesis of Some Selectively N-Protected (1 <i>S</i> ,2 <i>S</i> )-p-Nitrophenylserinol-Based Diamino-1,3-dioxanes and Tripodands. <i>Synthetic Communications</i> , 2015, 45, 2319-2330.	2.1	1
41	Design, synthesis and structure of novel dendritic G-2 melamines comprising piperidine motifs as key linkers and 4-(n-octyloxy)aniline as a peripheral unit. <i>Tetrahedron</i> , 2019, 75, 130468.	1.9	0