

# JesÃ³s GarcÃ­a LÃ³pez

## List of Publications by Year in descending order

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24  
papers

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citations

840776

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times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chelation-Assisted Interrupted Copper(I)-Catalyzed Azide-Alkyne-Azide Domino Reactions: Synthesis of Fully Substituted 5-Triazenyl-1,2,3-triazoles. <i>Organic Letters</i> , 2021, 23, 334-339.	4.6	10
2	Spiro[1,2]oxaphosphetanes of Nonstabilized and Semistabilized Phosphorus Ylide Derivatives: Synthesis and Kinetic and Computational Study of Their Thermolysis. <i>Journal of Organic Chemistry</i> , 2020, 85, 14570-14591.	3.2	4
3	Cascade reactions for constructing heterocycles containing a pyrimidino-pyrazino-pyrimidine core using 1,2,4-triazole scaffolds. <i>Tetrahedron Letters</i> , 2019, 60, 151089.	1.4	5
4	Diastereoselective Ortho Lithiation of Phosphinimidic Amides: A Multinuclear Magnetic Resonance and Computational Study. <i>Journal of Organic Chemistry</i> , 2016, 81, 11095-11103.	3.2	4
5	Probing Stereoselectivity in Ring-Opening Metathesis Polymerization Mediated by Cyclometalated Ruthenium-Based Catalysts: A Combined Experimental and Computational Study. <i>Journal of the American Chemical Society</i> , 2016, 138, 1394-1405.	13.7	37
6	Synthesis of P-stereogenic diarylphosphinic amides by directed lithiation: transformation into tertiary phosphine oxides via methanolysis, aryne chemistry and complexation behaviour toward zinc( $\eta^5$ -Cp). <i>Dalton Transactions</i> , 2016, 45, 2008-2022.	3.3	31
7	Differential response to environmental and nutritional factors of high-quality tomato varieties. <i>Food Chemistry</i> , 2015, 176, 278-287.	8.2	33
8	Derivatization of (quinolin-8-yl)phosphinimidic amides via ortho-lithiation revisited. <i>Dalton Transactions</i> , 2015, 44, 11504-11513.	3.3	4
9	Effect of genetic and phenotypic factors on the composition of commercial marmande type tomatoes studied through HRMAS NMR spectroscopy. <i>Food Chemistry</i> , 2014, 142, 1-11.	8.2	22
10	Understanding the directed ortho lithiation of (R)-Ph <sub>2</sub> P(=NCO <sub>2</sub> Me)NHCH(Me)Ph. NMR spectroscopic and computational study of the structure of the N-lithiated species. <i>Dalton Transactions</i> , 2014, 43, 14291-14301.	3.3	6
11	Synthetic, structural, NMR and catalytic studies of phosphinic amide-phosphoryl chalcogenides (chalcogen = O, S, Se) as mixed-donor bidentate ligands in zinc chemistry. <i>Dalton Transactions</i> , 2014, 43, 14079-14091.	3.3	8
12	Mechanisms of Stereomutation and Thermolysis of Spiro-1,2-oxaphosphetanes: New Insights into the Second Step of the Wittig Reaction. <i>Journal of the American Chemical Society</i> , 2012, 134, 19504-19507.	13.7	27
13	Transformations of diphenylphosphinothioic acid tertiary amides mediated by directed ortho metallation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5647.	2.8	14
14	HRMAS-nuclear magnetic resonance spectroscopy characterization of tomato flavonoid varieties from AlmerÃa (Spain). <i>Food Research International</i> , 2011, 44, 3212-3221.	6.2	26
15	Synthesis and Characterization of a Coupled Binuclear Cu <sup>I</sup> /Cu <sup>III</sup> Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 10665-10667.	13.7	23
16	Structural study of five novel spiro-1,2-oxaphosphetanes. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s256-s257.	0.3	0
17	Structural and oxidation state study of two novel mixed-valence binuclear copper complexes. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, C402-C402.	0.3	0
18	C <sup>±</sup> ,Cortho-Dimetallated phosphazene complexes. <i>Chemical Communications</i> , 2007, , 4674.	4.1	11

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19	Regioselective functionalisation of nitrobenzene and benzonitrile derivatives via nucleophilic aromatic substitution of hydrogen by phosphorus-stabilized carbanions. <i>Tetrahedron</i> , 2006, 62, 3648-3662.	1.9	14
20	Conformational Mobility of Thianthrene-5-oxide. <i>Journal of Organic Chemistry</i> , 2005, 70, 3450-3457.	3.2	2
21	Mechanism of the Oxidation of Sulfides by Dioxiranes: Conformational Mobility and Transannular Interaction in the Oxidation of Thianthrene 5-Oxide. <i>Journal of Organic Chemistry</i> , 2004, 69, 9090-9099.	3.2	10
22	Isolable 1,2-Oxaphosphetanes: From Curiosities to Starting Materials for the Synthesis of Olefins. <i>Mini-Reviews in Organic Chemistry</i> , 2004, 1, 65-70.	1.3	12
23	Dilithiated phosphazenes: scaffolds for the synthesis of olefins through a new class of bicyclic 1,2-oxaphosphetanes. Electronic supplementary information (ESI) available: experimental and spectroscopic details. See <a href="http://www.rsc.org/suppdata/cc/b2/b212708c/">http://www.rsc.org/suppdata/cc/b2/b212708c/</a> . <i>Chemical Communications</i> , 2003, , 856-857.	4.1	17
24	Synthesis of Pentacoordinated Spiro[4,4]phosphoranes by Reaction of Cyclic Phosphazanyl Anions with Epoxides. Study of their P-Remote Functionalization and Hydrolysis. <i>Synthesis</i> , 0, 0, .	2.3	2