

Paulina Pavez

List of Publications by Year in descending order

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papers

779
citations

471509

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552781

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49
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times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleofugality hierarchy, in the aminolysis reaction of 4-cyanophenyl 4-nitrophenyl carbonate and thionocarbonate. Experimental and theoretical study. <i>New Journal of Chemistry</i> , 2021, 45, 11495-11505.	2.8	2
2	Nucleophilic Neutralization of Organophosphates: Lack of Selectivity or Plenty of Versatility?. <i>Chemical Record</i> , 2021, 21, 2638-2665.	5.8	11
3	Non-traditional solvent effects in organic reactions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26028-26029.	2.8	3
4	An efficient and eco-friendly method for the thiol-Michael addition in aqueous solutions using amino acid ionic liquids (AAILs) as organocatalysts. <i>Pure and Applied Chemistry</i> , 2020, 92, 97-106.	1.9	1
5	Microwave-assisted nucleophilic degradation of organophosphorus pesticides in propylene carbonate. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7868-7875.	2.8	5
6	Choline [Amino Acid] Ionic Liquid/Water Mixtures: A Triple Effect for the Degradation of an Organophosphorus Pesticide. <i>ACS Omega</i> , 2020, 5, 26562-26572.	3.5	17
7	Characterization of Anionic Reverse Micelles Formulated on Biobased Solvents as Replacing Conventional Nonpolar Organic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5478-5484.	6.7	3
8	The effect of imidazolium salts with amino acids as counterions on the reactivity of 4-nitrophenyl acetate: A kinetic study. <i>Journal of Molecular Liquids</i> , 2020, 310, 113206.	4.9	5
9	Cucurbit[7]uril limits the binding of coumarin bearing alkyl-acetoacetate with mercury and stimulates the desulphurisation reaction of its sulphur analog. <i>Supramolecular Chemistry</i> , 2020, 32, 605-613.	1.2	3
10	Physical organic chemistry: New Latin American conference at ConcÃ³n, RegiÃ³n de ValparaÃ³so, Chile, 2017. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3891.	1.9	0
11	Effect of amino acid addition on the micelle formation of the surface-active ionic liquid 1-tetradecyl-3-methylimidazolium bromide in aqueous solution. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3814.	1.9	24
12	Dual function of amino acid ionic liquids (Bmim[AA]) on the degradation of the organophosphorus pesticide, ParaoxonÃ©. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7446-7453.	2.8	13
13	UN sustainable development goals: How can sustainable/green chemistry contribute?. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018, 13, 154-157.	5.9	10
14	Efficient Nucleophilic Degradation of an Organophosphorus Pesticide -Diazinon- Mediated by Green Solvents and Microwave Heating. <i>Frontiers in Chemistry</i> , 2018, 6, 669.	3.6	8
15	Experimental and theoretical studies on the nucleofugality ratio in the aminolysis reactions of O-(4-cyanophenyl) O-(3-nitrophenyl) thionocarbonate with amines in aqueous ethanol. <i>New Journal of Chemistry</i> , 2017, 41, 9954-9962.	2.8	8
16	Reaction Mechanism in Ionic Liquids: Kinetics and Mechanism of the Aminolysis of 4-Nitrophenyl Acetate. <i>International Journal of Chemical Kinetics</i> , 2016, 48, 337-343.	1.6	11
17	Green Solvents as a Promising Approach to Degradation of Organophosphorus Pesticides. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 7023-7031.	6.7	18
18	Reactivity and selectivity of the reaction of O,O-diethyl 2,4-dinitrophenyl phosphate and thionophosphate with thiols of low molecular weight. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6479-6486.	2.8	4

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19	Reaction mechanisms in ionic liquids: the kinetics and mechanism of the reaction of O,O-diethyl (2,4-dinitrophenyl) phosphate triester with secondary alicyclic amines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1421-1427.	2.8	19
20	Ionic liquids: anion effect on the reaction of O,O-diethyl O-(2,4-dinitrophenyl) phosphate triester with piperidine. <i>New Journal of Chemistry</i> , 2015, 39, 1953-1959.	2.8	25
21	Mechanism study of the thiol-addition reaction to benzothiazole derivative for sensing endogenous thiols. <i>Tetrahedron Letters</i> , 2015, 56, 2437-2440.	1.4	6
22	Coumarin-Based Fluorescent Probes for Dual Recognition of Copper(II) and Iron(III) Ions and Their Application in Bio-Imaging. <i>Sensors</i> , 2014, 14, 1358-1371.	3.8	76
23	Kinetics and mechanism of the aminolysis of bis(4-nitrophenyl) carbonate and O-(4-nitrophenyl) thio and dithiocarbonate. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 265-268.	1.9	17
24	(E)-2-(Benzo[d]thiazol-2-yl)-3-heteroarylacrylonitriles as efficient Michael acceptors for cysteine: Real application in biological imaging. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 391-399.	7.8	8
25	Substituent effects on reactivity of 3-cinnamoylcoumarins with thiols of biological interest. <i>RSC Advances</i> , 2014, 4, 697-704.	3.6	5
26	Toward a pK _a Scale of N-base Amines in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4412-4418.	2.6	30
27	Kinetic and theoretical study on nucleofugality in the phenolysis of 3-nitrophenyl and 4-nitrophenyl 4-cyanophenyl thionocarbonates. <i>Chemical Physics Letters</i> , 2013, 572, 130-135.	2.6	8
28	Influence of the ionic liquid on the rate and the mechanism of reaction of p-nitrophenyl acetate with secondary alicyclic amines. <i>New Journal of Chemistry</i> , 2013, 37, 3281.	2.8	19
29	Mechanisms of Degradation of Paraoxon in Different Ionic Liquids. <i>Journal of Organic Chemistry</i> , 2013, 78, 9670-9676.	3.2	74
30	Dual Nucleophilic Substitution Reactions of O,O-Diethyl 2,4-dinitrophenyl Phosphate and Thionophosphate Triesters. <i>International Journal of Chemical Kinetics</i> , 2013, 45, 202-211.	1.6	38
31	Dephosphorylation Reactions of Mono-, Di-, and Triesters of 2,4-Dinitrophenyl Phosphate with Deferoxamine and Benzohydroxamic Acid. <i>Journal of Organic Chemistry</i> , 2012, 77, 10907-10913.	3.2	22
32	Nucleophilic reactivity of biothiols toward coumarin-based derivatives containing a chalcone moiety. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 946-952.	1.9	13
33	The development of a fluorescence turn-on sensor for cysteine, glutathione and other biothiols. A kinetic study. <i>Tetrahedron Letters</i> , 2011, 52, 6606-6609.	1.4	28
34	Nucleophilic substitution reactions of diethyl 4-nitrophenyl phosphate triester: Kinetics and mechanism. <i>International Journal of Chemical Kinetics</i> , 2011, 43, 708-714.	1.6	48
35	Photophysics and Photochemical Studies of the Vitamin B6 Group and Related Derivatives. <i>Photochemistry and Photobiology</i> , 2010, 86, 39-46.	2.5	13
36	Phenolysis of diaryl thiolcarbonates and thionocarbonates. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 455-459.	1.9	8

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37	Phenolysis and benzenethiolysis reactions of carbonyl and thiocarbonyl compounds from the perspective of the HSAB principle. Computational and Theoretical Chemistry, 2007, 811, 91-96.	1.5	3
38	Photophysics and Photochemical Studies of 1,4-Dihydropyridine Derivatives. Photochemistry and Photobiology, 2007, 83, 722-729.	2.5	29
39	Structure and Medium Effects on the Photochemical Behavior of Nonfluorinated Quinolone Antibiotics. Photochemistry and Photobiology, 2007, 83, 511-519.	2.5	7
40	Photophysics and Photochemistry of Nalidixic Acid. Photochemistry and Photobiology, 2006, 82, 254.	2.5	15
41	Kinetics and Mechanism of the Benzenethiolysis of O-Ethyl-S-(2,4-Dinitrophenyl) and O-Ethyl-S-(2,4,6-Trinitrophenyl) Dithiocarbonates and O-Methyl-O-(2,4-Dinitrophenyl) Thiocarbonate. Journal of Organic Chemistry, 2003, 68, 9034-9039.	3.2	8
42	Kinetic Study of the Phenolysis of O-Methyl and O-Phenyl-O-2,4-Dinitrophenyl Thiocarbonates and O-Ethyl 2,4-Dinitrophenyl Dithiocarbonate. Journal of Organic Chemistry, 2003, 68, 6192-6196.	3.2	8
43	Kinetics and Mechanism of the Benzenethiolysis of 2,4-Dinitrophenyl and 2,4,6-Trinitrophenyl Methyl Carbonates and S-(2,4-Dinitrophenyl) and S-(2,4,6-Trinitrophenyl) Ethyl Thiocarbonates. Journal of Organic Chemistry, 2003, 68, 3640-3645.	3.2	10
44	Kinetics and Mechanism of the Phenolysis of Asymmetric Diaryl Carbonates. Journal of Organic Chemistry, 2002, 67, 4494-4497.	3.2	34
45	Concerted Mechanisms of the Reactions of Methyl Aryl Carbonates with Substituted Phenoxide Ions. Journal of Organic Chemistry, 2001, 66, 3129-3132.	3.2	32
46	Kinetic investigation of the phenolysis of phenyl 4-nitrophenyl and phenyl 2,4-dinitrophenyl carbonates. Perkin Transactions II RSC, 2001, , 2351-2354.	1.1	10
47	Concerted Mechanisms of the Reactions of Ethyl-S-Aryl Thiocarbonates with Substituted Phenoxide Ions. Journal of Organic Chemistry, 1999, 64, 2310-2313.	3.2	20