

Silvina C Pellegrinet

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Allenylboronic Acid Pinacol Ester: A Selective Partner for [4 + 2] Cycloadditions. <i>Organic Letters</i> , 2021, 23, 5081-5085.	4.6	4
2	Theoretical Study of the Borono-Mannich Reaction with Pinacol Allenylboronate. <i>Journal of Organic Chemistry</i> , 2020, 85, 7494-7500.	3.2	3
3	Remarkable Reactivity of Boron-Substituted Furans in the Diels-Alder Reactions with Maleic Anhydride. <i>Organic Letters</i> , 2019, 21, 5068-5072.	4.6	14
4	Asymmetric Organocatalytic C-C Bond Forming Reactions with Organoboron Compounds: A Mechanistic Survey. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2956-2970.	2.4	17
5	Alkylhalovinylboranes: a new class of Diels-Alder dienophiles. <i>RSC Advances</i> , 2018, 8, 33864-33871.	3.6	9
6	Competing mechanisms for the reaction of dichloropropynylborane with 2-tert-butylbutadiene. Diels-Alder reaction versus alkynylboration. <i>RSC Advances</i> , 2015, 5, 70147-70155.	3.6	7
7	Diels-Alder reactions of pinacol alkenylboronates: an experimental and theoretical study. <i>RSC Advances</i> , 2014, 4, 36385-36400.	3.6	17
8	Reactivity and Selectivity of Boron-Substituted Alkenes in the Diels-Alder Reaction with Cyclopentadiene. A Study of the Electron Charge Density and Its Laplacian. <i>Journal of Physical Chemistry A</i> , 2014, 118, 5559-5570.	2.5	6
9	A Hydrogen Bond Rationale for the Enantioselective β^2 -Alkenylboration of Enones Catalyzed by <i>o</i> -Monoacyltartaric Acids. <i>Journal of Organic Chemistry</i> , 2014, 79, 6754-6758.	3.2	25
10	[4 + 3] and [4 + 2] mechanisms of the Diels-Alder reactions of vinylboranes: an analysis of the electron charge density distribution. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7953.	2.8	12
11	Theoretical investigation of the Diels-Alder reactions of unsaturated boronates. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3733.	2.8	11
12	Mechanistic Insights into the BINOL-Derived Phosphoric Acid-Catalyzed Asymmetric Allylboration of Aldehydes. <i>Journal of the American Chemical Society</i> , 2012, 134, 2716-2722.	13.7	155
13	Evaluation of the use of mandelate derivatives to determine the enantiomeric purity and the absolute configuration of secondary cyclohexenols. <i>Arkivoc</i> , 2011, 2011, 343-357.	0.5	4
14	A facile microwave-assisted Diels-Alder reaction of vinylboronates. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5069.	2.8	30
15	An experimental/theoretical approach to determine the optical purity and the absolute configuration of endo- and exo-norborn-5-en-2-ol using mandelate derivatives. <i>Tetrahedron Letters</i> , 2009, 50, 6121-6125.	1.4	10
16	Mechanistic Insights into the Catalytic Asymmetric Allylboration of Ketones: Brønsted or Lewis Acid Activation?. <i>Organic Letters</i> , 2009, 11, 37-40.	4.6	41
17	Theoretical Study of the Asymmetric Conjugate Alkenylation of Enones Catalyzed by Binaphthols. <i>Journal of Organic Chemistry</i> , 2008, 73, 5078-5089.	3.2	54
18	Asymmetric Conjugate Addition of Alkynylboronates to Enones: A Rationale for the Intriguing Catalysis Exerted by Binaphthols. <i>Journal of the American Chemical Society</i> , 2006, 128, 3116-3117.	13.7	63

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19	A promising enantioselective Diels-Alder dienophile by computer-assisted rational design: 2,5-diphenyl-1-vinyl-borolane. <i>Journal of Computer-Aided Molecular Design</i> , 2004, 18, 209-214.	2.9	9
20	A DFT Study on the Regioselectivity of the Reaction of Dichloropropynylborane with Isoprene. <i>Journal of Organic Chemistry</i> , 2003, 68, 4059-4066.	3.2	26
21	Diels-Alder reactions of vinylboranes: A computational study on the boron substituent effects. <i>Arkivoc</i> , 2003, 2003, 556-565.	0.5	21
22	A Theoretical Study of the Reaction of Alkynylboranes with Butadiene: Competition between Cycloaddition and Alkynylboration. <i>Journal of Organic Chemistry</i> , 2002, 67, 8203-8209.	3.2	22
23	Theoretical Evaluation of the Origin of the Regio- and Stereoselectivity in the Diels-Alder Reactions of Dialkylvinylboranes: Studies on the Reactions of Vinylborane, Dimethylvinylborane, and Vinyl-9-BBN with trans-Piperylene and Isoprene. <i>Journal of the American Chemical Society</i> , 2001, 123, 8832-8837.	13.7	35