

# Henry Martinez

## List of Publications by Year in descending order

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16  
papers

642  
citations

687363

13  
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940533

16  
g-index

22  
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22  
docs citations

22  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ring-opening metathesis polymerization of 8-membered cyclic olefins. <i>Polymer Chemistry</i> , 2014, 5, 3507.	3.9	120
2	The use of methyl 2,2-difluoro-2-(fluorosulfonyl)acetate as the difluorocarbene source to generate an in situ source of difluoromethylene triphenylphosphonium ylide. <i>Journal of Fluorine Chemistry</i> , 2013, 150, 53-59.	1.7	75
3	Precision Vinyl Acetate/Ethylene (VAE) Copolymers by ROMP of Acetoxy-Substituted Cyclic Alkenes. <i>Macromolecules</i> , 2013, 46, 2535-2543.	4.8	71
4	Energetic materials containing fluorine. Design, synthesis and testing of furazan-containing energetic materials bearing a pentafluorosulfanyl group. <i>Journal of Fluorine Chemistry</i> , 2012, 143, 112-122.	1.7	55
5	Selectivity in Ring-Opening Metathesis Polymerization of <i>Z</i> -Cyclooctenes Catalyzed by a Second-generation Grubbs Catalyst. <i>ACS Catalysis</i> , 2012, 2, 2547-2556.	11.2	55
6	Photoredox Catalyzed Intramolecular Fluoroalkylation of Unactivated Alkenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 2589-2598.	3.2	53
7	Methyl 2,2-Difluoro-2-(fluorosulfonyl)acetate, a Difluorocarbene Reagent with Reactivity Comparable to That of Trimethylsilyl 2,2-Difluoro-2-(fluorosulfonyl)acetate (TFDA). <i>Journal of Organic Chemistry</i> , 2012, 77, 5461-5464.	3.2	45
8	Carboxy-Telechelic Polyolefins in Cross-Linked Elastomers. <i>Macromolecules</i> , 2014, 47, 479-485.	4.8	45
9	Functionalized regio-regular linear polyethylenes from the ROMP of 3-substituted cyclooctenes. <i>Applied Petrochemical Research</i> , 2015, 5, 19-25.	1.3	35
10	Friedel-Crafts Reactions of 2,2-Difluorocyclopropanecarbonyl Chloride: Unexpected Ring-Opening Chemistry. <i>Journal of Organic Chemistry</i> , 2011, 76, 3450-3456.	3.2	20
11	Arylsulfur trifluorides: Improved method of synthesis and use as in situ deoxofluorination reagents. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 482-488.	1.7	20
12	<sup>19</sup> F chemical shifts, coupling constants and conformational preferences in monosubstituted perfluoroparacyclophanes. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 93-105.	1.9	15
13	Factors Controlling Selectivity in the Ring-Opening Metathesis Polymerization of 3-Substituted Cyclooctenes by Monoaryloxide Pyrrolide Imido Alkylidene (MAP) Catalysts. <i>Journal of Organic Chemistry</i> , 2014, 79, 11940-11948.	3.2	13
14	Filler-Reinforced Elastomers Based on Functional Polyolefin Prepolymers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 6106-6112.	3.7	11
15	An efficient two-step synthesis of novel thiazolo[2,3- <i>b</i> ]pyrazolo[3,4- <i>f</i> ][1,3,5]triazepines. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 756-761.	2.6	7
16	Atropisomerism of a monosubstituted perfluoro[2.2]paracyclophane. A combined synthetic, kinetic, spectroscopic and computational study. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 882-889.	2.8	2