

Serge R Piettre

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

240
citations

1478505

6
h-index

1474206

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9
all docs

9
docs citations

9
times ranked

132
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Simple and efficient synthesis of 2,2-disubstituted-1,1-difluorophosphonates and phosphonothioates. Tetrahedron Letters, 1996, 37, 2233-2236. | 1.4 | 63 |
| 2 | ?,?-Difluoro-H-phosphinates: Useful Intermediates for a Variety of Phosphate Isosteres. Angewandte Chemie - International Edition, 2004, 43, 5963-5967. | 13.8 | 43 |
| 3 | Efficient interconversion of $\hat{1}\pm, \hat{1}\pm$ -difluoromethylenephosphonates and $\hat{1}\pm, \hat{1}\pm$ -difluoromethylenephosphonothioates. Tetrahedron Letters, 1996, 37, 4707-4710. | 1.4 | 36 |
| 4 | Efficient and practical aerobic radical addition of thiophosphites to alkenes. Tetrahedron Letters, 2001, 42, 5673-5676. | 1.4 | 35 |
| 5 | First and Efficient Synthesis of Phosphonodifluoromethylene Analogues of Nucleoside 3'-Phosphates: A Crucial Role Played by Sulfur in Construction of the Target Molecules. Journal of the American Chemical Society, 2002, 124, 14668-14675. | 13.7 | 31 |
| 6 | Easy and general access to $\hat{1}\pm, \hat{1}\pm$ -difluoromethylene phosphonothioic acids. A new class of compounds. Tetrahedron Letters, 1996, 37, 2229-2232. | 1.4 | 21 |
| 7 | A C3' modified nucleotide. The difluorophosphonate function, a phosphate mimic, governs the conformational behaviour of the ribofuranose. Tetrahedron, 2005, 61, 4769-4777. | 1.9 | 7 |
| 8 | From Oxygen to Sulfur and Back: Difluoro-H-phosphinothioates as a Turning Point in the Preparation of Difluorinated Phosphinates: Application to the Synthesis of Modified Dinucleotides. Journal of Organic Chemistry, 2019, 84, 5245-5260. | 3.2 | 3 |
| 9 | Second Generation Synthesis of Modified Dinucleotide Analogues Featuring a Difluorophosphin(othio)yl Linkage. European Journal of Organic Chemistry, 2022, 2022, . | 2.4 | 1 |