

Axelle Arrault

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Synthesis and Biological Evaluation of New 2-(4,5-Dihydro-1H-imidazol-2-yl)-3,4-dihydro-2H-1,4-benzoxazine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1962-1979. | 6.4 | 79 |
| 2 | Amidoximes and Oximes: Synthesis, Structure, and Their Key Role as NO Donors. <i>Molecules</i> , 2019, 24, 2470. | 3.8 | 47 |
| 3 | Attempted synthesis of ethyl 3,4-dihydro-2H-1,4-benzoxazine-3-carboxylate and 3-acetate derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 221-225. | 2.6 | 13 |
| 4 | Synthesis and conformational study of novel pyrazine-based pseudopeptides bearing amidoxime, amidoxime ester and 1,2,4-oxadiazole units. <i>Tetrahedron</i> , 2016, 72, 3427-3435. | 1.9 | 11 |
| 5 | Efficient Synthesis of Nicotinic Acid Based Pseudopeptides Bearing an Amidoxime Function. <i>Synthesis</i> , 2015, 47, 2285-2293. | 2.3 | 9 |
| 6 | Facile Synthesis of Hydrazine Derivatives of 5H-Pyrrolo[3,4-b]pyrazine and 1H-Pyrrolo[3,4-b]quinoxaline. <i>Synthesis</i> , 2013, 45, 3375-3382. | 2.3 | 6 |
| 7 | Synthesis and conformational behavior of pseudopeptides containing $\hat{\gamma}$ -azaproline. A cis conformational preference for $\hat{\gamma}$ -azaPro bond. <i>Tetrahedron</i> , 2014, 70, 363-370. | 1.9 | 5 |
| 8 | Cyclic acyl amidines as unexpected C4-donors for fully substituted pyridine ring formation in the base mediated reaction with malononitrile. <i>Tetrahedron Letters</i> , 2019, 60, 1959-1963. | 1.4 | 4 |
| 9 | Conformational studies of new pseudotriptide with pyrazine amidoxime motif and simplified analogs using IR, NMR spectroscopy, and molecular dynamic simulations. <i>Structural Chemistry</i> , 2017, 28, 813-822. | 2.0 | 3 |
| 10 | Synthesis of novel mono and bis nitric oxide donors with high cytocompatibility and release activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3329-3332. | 2.2 | 3 |
| 11 | Enantiopure ethyl 2,3-dibromopropionate: Enantioselective synthesis vs preparative HPLC enantioseparation of racemate on multigram scale. <i>Chirality</i> , 2020, 32, 1045-1052. | 2.6 | 2 |
| 12 | $\hat{\gamma}$ -Azaproline: A versatile tool to design pseudopeptides by its incorporation via $\hat{N}\mu$ or $\hat{N}\nu$ atoms. <i>Tetrahedron Letters</i> , 2019, 60, 16-19. | 1.4 | 0 |
| 13 | Multigram-scale HPLC enantioseparation as a rescue pathway for circumventing racemization problem during enantioselective synthesis of ethyl 3,4-dihydro-2H-1,4-benzoxazine-2-carboxylate. <i>Chirality</i> , 2021, 33, 324-336. | 1.6 | 0 |