

# Peter Langer

## List of Publications by Citations

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491  
papers

6,413  
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32  
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45  
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653  
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| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 491 | Cyclization Reactions of 1,3-Bis-Silyl Enol Ethers and Related Masked Dianions. <i>Synthesis</i> , <b>2002</b> , 2002, 441-459  | 2.9  | 173       |
| 490 | Cyclization reactions of dianions in organic synthesis. <i>Chemical Reviews</i> , <b>2004</b> , 104, 4125-50  | 68.1 | 114       |
| 489 | Synthesis and structure-activity relationships of 2-vinylchroman-4-ones as potent antibiotic agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 1531-6   | 3.4  | 74        |
| 488 | Regioselective Palladium(0)-Catalyzed Cross-Coupling Reactions and Metal-Halide Exchange Reactions of Tetrabromothiophene: Optimization, Scope and Limitations. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 1595-1609  | 5.6  | 70        |
| 487 | [3+3] cyclizations of 1,3-bis(silyl enol ether)s with 1,1-diacetylcyclopentane and 1,1-diacetylcyclopropane. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4033-6  | 16.4 | 65        |
| 486 | Regio- and diastereoselective cyclization reactions of free and masked 1,3-dicarbonyl dianions with 1,2-dielectrophiles. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 3859-66   | 4.8  | 58        |
| 485 | Domino reactions of 1,3-bis-silyl enol ethers with benzopyrylium triflates: efficient synthesis of fluorescent 6H-benzo[c]chromen-6-ones, dibenzo[c,d]chromen-6-ones, and 2,3-dihydro-1H-4,6-dioxachrysen-5-ones. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 1221-36 | 4.8  | 57        |
| 484 | Domino reaction of 1,3-bis(trimethylsilyloxy)-1,3-dienes with oxalyl chloride: general and stereoselective synthesis of gamma-alkylidenebutenolides. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 3204-14   | 4.8  | 52        |
| 483 | Synthesis of tetraarylthiophenes by regioselective Suzuki cross-coupling reactions of tetrabromothiophene. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 845-847   | 2    | 51        |
| 482 | Synthesis of Butenolides by One-Pot Cyclization Reactions of Silyl Enol Ethers with Oxalyl Chloride. <i>Synlett</i> , <b>2006</b> , 2006, 3369-3381   | 2.2  | 51        |
| 481 | Regioselective Suzuki cross-coupling reactions of 2,3,4,5-tetrabromo-1-methylpyrrole. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 1698-1700  | 2    | 49        |
| 480 | Synthesis of dibenzo[b,d]pyran-6-ones based on [3 + 3] cyclizations of 1,3-bis(silyl enol ethers) with 3-silyloxy-2-en-1-ones. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 6255-8   | 4.2  | 49        |
| 479 | Regioselective and guided C-H activation of 4-nitropyrazoles. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 2906-15   | 4.2  | 46        |
| 478 | Synthesis of functionalized pyrroles and 6,7-dihydro-1H-indol-4(5H)-ones by reaction of 1,3-dicarbonyl compounds with 2-azido-1,1-diethoxyethane. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 2151-2154  | 2    | 44        |
| 477 | Transcriptome and proteome analyses in response to 2-methylhydroquinone and 6-brom-2-vinyl-chroman-4-on reveal different degradation systems involved in the catabolism of aromatic compounds in <i>Bacillus subtilis</i> . <i>Proteomics</i> , <b>2007</b> , 7, 1391-408           | 4.8  | 43        |
| 476 | Laccase-catalyzed carbon-carbon bond formation: oxidative dimerization of salicylic esters by air in aqueous solution. <i>Tetrahedron</i> , <b>2005</b> , 61, 4615-4619   | 2.4  | 43        |
| 475 | Chemo-, regio-, and stereoselective cyclizations of 1,3-bis(trimethylsilyloxy)-1,3-butadienes with alpha-chloroacetic acid chlorides and alpha-chloroacetic acetals. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 1720-7  | 4.8  | 42        |

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| 474 | Synthesis of indirubin-N'-glycosides and their anti-proliferative activity against human cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 5570-83   | 3.4 | 40 |
| 473 | Synthesis of 7,8-benzo-9-aza-4-oxabicyclo[3.3.1]nonan-3-ones by sequential Bondensation and lactonization reactions of 1,1-bis(trimethylsilyloxy)ketene acetals with isoquinolines. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 8997-8999                            | 2   | 40 |
| 472 | Synthesis of 2,5-Diarylpyrroles by Ligand-Free Palladium-Catalyzed CH Activation of Pyrroles in Ionic Liquids. <i>ChemCatChem</i> , <b>2013</b> , 5, 2504-2511  | 5.2 | 39 |
| 471 | Synthesis and antimicrobial activity of 2-alkenylchroman-4-ones, 2-alkenylthiochroman-4-ones and 2-alkenylquinol-4-ones. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 10319-25   | 3.4 | 38 |
| 470 | Domino "[3+3]-cyclization-homo-Michael" reactions of 1,3-bissilyl enol ethers with 1,1-diacylcyclopropanes. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 9128-34   | 4.2 | 38 |
| 469 | Efficient Synthesis of Substituted Selenophenes Based on the First Palladium(0)-Catalyzed Cross-Coupling Reactions of Tetrabromoselenophene. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 2109-2117   | 5.6 | 37 |
| 468 | Synthesis of 1,3-Selenazoles and Bis(selenazoles) from Primary Selenocarboxylic Amides and Selenourea. <i>Synthesis</i> , <b>2004</b> , 2004, 875-884   | 2.9 | 37 |
| 467 | Efficient synthesis of functionalized furans and benzofurans based on a [B+2] cyclization/oxidation strategy. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 2185-2187  | 2   | 37 |
| 466 | Palladium-Catalyzed Carbonylative Synthesis of Phthalimides from 1,2-Dibromoarenes with Molybdenum Hexacarbonyl as Carbon Monoxide Source. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 3581-3585   | 5.6 | 35 |
| 465 | Synthesis and Properties of Aza-ullazines. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 4575-4578   | 6.4 | 34 |
| 464 | Sensitization of melanoma cells for death ligand-induced apoptosis by an indirubin derivative--Enhancement of both extrinsic and intrinsic apoptosis pathways. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 71-81  | 6   | 34 |
| 463 | Sequential cyclizations of 2-isothiocyanatobenzonitrile and 2-isocyanatobenzonitrile with Aminoketones. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 5965-5967  | 2   | 34 |
| 462 | 3-Methoxalylchromone--a novel versatile reagent for the regioselective purine isostere synthesis. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 5280-4   | 3.9 | 33 |
| 461 | Medicinal uses, phytochemistry and pharmacology of Picralima nitida (Apocynaceae) in tropical diseases: a review. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2014</b> , 7, 1-8  | 2.1 | 32 |
| 460 | Efficient synthesis of thieno[3,2-b:4,5-b']diindoles and benzothieno[3,2-b]indoles by Pd-catalyzed site-selective C-C and C-N coupling reactions. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 9041-4  | 3.9 | 32 |
| 459 | Synthesis of fluorinated purine and 1-deazapurine glycosides as potential inhibitors of adenosine deaminase. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 2899-903   | 4.2 | 32 |
| 458 | Multiple sonogashira reactions of polychlorinated molecules. Synthesis and photophysical properties of the first pentaalkynylpyridines. <i>Organic Letters</i> , <b>2011</b> , 13, 1618-21  | 6.2 | 32 |
| 457 | Regio- and stereoselective synthesis of Nor-nonactinic acid derivatives--kinetic reaction control in the Lewis acid mediated domino reaction of 1,3-dicarbonyl dianions with 1-bromo-2,3-epoxypropanes. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 565-72 | 4.8 | 32 |

- 456 4-Chloro-3-(trifluoroacetyl)- and 4-chloro-3-(methoxalyl)coumarins as novel and efficient building blocks for the regioselective synthesis of 3,4-fused coumarins. *Tetrahedron*, **2011**, 67, 7946-7955 2.4 31
- 455 Efficient synthesis of functionalized dibenzofurans by domino  $\beta$ -wofold Heck/6 $\beta$ -electrocyclization reactions of 2,3-di- and 2,3,5-tribromobenzofuran. *Tetrahedron Letters*, **2009**, 50, 3929-3932 2 31
- 454 Synthesis of 2-alkylidenepyrrolidines and pyrroles by condensation of 1,3-dicarbonyl dianions with alpha-azidoketones and subsequent intramolecular Staudinger-aza-Wittig reaction. *Journal of Organic Chemistry*, **2006**, 71, 4965-8 4.2 31
- 453 Site-selective Suzuki cross-coupling reactions of 2,3-dibromobenzofuran. *Tetrahedron Letters*, **2010**, 51, 2420-2422 2 30
- 452 Synthesis of carbazoles and 1,2-dihydrocarbazoles by domino  $\beta$ -wofold Heck/6 $\beta$ -electrocyclization reactions of di-, tri- and tetrabromoindoles. *Tetrahedron*, **2011**, 67, 5304-5318 2.4 29
- 451 Efficient Synthesis of Nitrogen Heterocycles by Cyclization of Bis(nucleophiles) with Oxaldiimidoyl Dichlorides. *European Journal of Organic Chemistry*, **2002**, 2002, 221-234 3.2 29
- 450 Efficient Synthesis of Primary Selenocarboxylic Amides by Reaction of Nitriles with Phosphorous(V) Selenide. *Synlett*, **2002**, 2002, 1983-1986 2.2 29
- 449 New one-pot synthesis of N-fused isoquinoline derivatives by palladium-catalyzed C-H arylation: potent inhibitors of nucleotide pyrophosphatase-1 and -3. *Organic and Biomolecular Chemistry*, **2016**, 14, 11402-11414 3.9 28
- 448 Site Selective Synthesis of Pentaarylpyridines via Multiple SuzukiMiyaura Cross-Coupling Reactions. *Advanced Synthesis and Catalysis*, **2014**, 356, 1987-2008 5.6 28
- 447 Palladium catalyzed synthesis and physical properties of indolo[2,3-b]quinoxalines. *Organic and Biomolecular Chemistry*, **2014**, 12, 6151-66 3.9 28
- 446 One-pot synthesis of fluorinated terphenyls by site-selective SuzukiMiyaura reactions of 1,4-dibromo-2-fluorobenzene. *Tetrahedron Letters*, **2010**, 51, 2810-2812 2 28
- 445 Regioselective synthesis of functionalized homophthalates by cyclizations of 1,3-bis-(trimethylsiloxy)-1,3-butadienes with  $\beta$ -allenylesters. *Tetrahedron Letters*, **2000**, 41, 4545-4547 2 28
- 444 Transition-metal-catalyzed arylation of nitroimidazoles and further transformations of manipulable nitro group. *Journal of Organic Chemistry*, **2015**, 80, 2103-19 4.2 27
- 443 Domino Michael/Retro-Michael/Mukaiyama-Aldol Reactions of 1,3-Bis-Silyl Enol Ethers with 3-Acyl- and 3-Formylbenzopyrylium Triflates [Synthesis of Functionalised 2,4?-Dihydroxybenzophenones. *European Journal of Organic Chemistry*, **2006**, 2006, 3638-3644 3.2 27
- 442 Efficient synthesis of benzopyrano[2,3-b]pyridines by sequential reactions of 1,3-bis-silyl enol ethers with 3-cyanobenzopyrylium triflates. *Tetrahedron Letters*, **2003**, 44, 5133-5135 2 27
- 441 Regio- and diastereoselective synthesis of 2-alkylidenetetrahydrofurans by domino SN/SN' and SN/SN reactions of 1,3-dicarbonyl dianions. *Journal of Organic Chemistry*, **2001**, 66, 6057-63 4.2 27
- 440 Regio- und stereoselektive Synthese von  $\beta$ Alkylidenbutenoliden durch Cyclisierung dilithierter 1,3-Dicarbonylverbindungen mit N,N?-Dimethoxy-N,N?-dimethylethandiamid. *Angewandte Chemie*, **1999**, 111, 1919-1922 3.6 27
- 439 Domino Reactions of 1,3-Bis(silyl enol ethers) with 4-(Trialkylsilyloxy)benzopyrylium Triflates. *Synlett*, **2007**, 2007, 1016-1025 2.2 26

- 438 Synthesis of chromanes by sequential [B+3]-cyclization/Williamson reactions of 1,3-bis(trimethylsilyloxy)-7-chlorohepta-1,3-dienes. *Tetrahedron*, **2006**, 62, 7674-7686 2.4 26
- 437 Synthesis of functionalized 2-alkylidenetetrahydrofurans by cyclization of 1,3-bis(trimethylsilyloxy)-1,3-butadienes with epoxides. *Chemistry - A European Journal*, **2002**, 8, 1443-55<sup>4.8</sup> 26
- 436 Novel synthesis of 5-methyl-5,10-dihydroindolo[3,2-b]indoles by Pd-catalyzed C-C and two-fold C-N coupling reactions. *Organic and Biomolecular Chemistry*, **2015**, 13, 583-91 3.9 25
- 435 2,3-unsubstituted chromones and their enaminone precursors as versatile reagents for the synthesis of fused pyridines. *Organic and Biomolecular Chemistry*, **2012**, 10, 890-4 3.9 25
- 434 Synthesis of functionalized benzothiophenes by twofold Heck and subsequent 6 $\pi$ electrocyclization reactions of 2,3-dibromothiophene. *Tetrahedron Letters*, **2009**, 50, 4962-4964 2 25
- 433 A general strategy for the synthesis of difluoromethyl-containing pyrazoles, pyridines and pyrimidines. *Tetrahedron*, **2011**, 67, 5663-5677 2.4 25
- 432 Synthesis of fluorenones based on a [B+3] cyclization/Suzuki cross-coupling/Friedel-Crafts acylation strategy. *Tetrahedron Letters*, **2006**, 47, 6903-6905 2 25
- 431 Suzuki cross-coupling reactions of gamma-alkylidenebutenolides: application to the synthesis of vulpinic acid. *Journal of Organic Chemistry*, **2004**, 69, 3753-7 4.2 25
- 430 Efficient and stereoselective synthesis of bicyclo[3.2.1]octan-8-ones: synthesis and palladium-catalyzed isomerization of functionalized 2-vinyl-2,3,3a,4,5,6-hexahydro-2,3-benzofurans. *Chemistry - A European Journal*, **2002**, 8, 917-28 4.8 25
- 429 Chemoselective, regioselective, and E/Z-diastereoselective synthesis of 2-alkylidenetetrahydrofurans by sequential reactions of ambident dianions and monoanions. *Journal of Organic Chemistry*, **2003**, 68, 9742-6 4.2 25
- 428 Synthesis of dibenzo[b,d]pyran-6-ones based on a [B+3] cyclization/Suzuki cross-coupling strategy. *Tetrahedron Letters*, **2005**, 46, 1013-1015 2 25
- 427 Synthesis of 2-alkylidenepyrrolidines, pyrroles, and indoles by condensation of silyl enol ethers and 1,3-bis-silyl enol ethers with 1-azido-2,2-dimethoxyethane and subsequent reductive cyclization. *Journal of Organic Chemistry*, **2005**, 70, 4751-61 4.2 25
- 426 3,5,7,9-Tetraphenylhexaazaacridine: a highly stable, weakly antiaromatic species with 16 pi electrons. *Angewandte Chemie - International Edition*, **2005**, 44, 5255-9 16.4 25
- 425 Efficient synthesis of gamma-alkylidenetetronic esters by sequential Lewis acid catalyzed. *Journal of Organic Chemistry*, **2001**, 66, 2222-6 4.2 25
- 424 One-Pot Synthesis of Biaryl Lactones by Sonogashira Cross-Coupling Reactions of 4-Chloro-3-formylcoumarin and Subsequent Domino [5+1] Cyclization/Deacetylation Reactions with 1,3-Dicarbonyl Compounds. *Advanced Synthesis and Catalysis*, **2012**, 354, 803-806 5.6 24
- 423 Site-selective Suzuki-Miyaura cross-coupling reactions of 2,3,4,5-tetrabromofuran. *Organic and Biomolecular Chemistry*, **2011**, 9, 370-3 3.9 24
- 422 Synthesis of Aryl-Substituted Pyrimidines by Site-Selective Suzuki-Miyaura Cross-Coupling Reactions of 2,4,5,6-Tetrachloropyrimidine. *Advanced Synthesis and Catalysis*, **2010**, 352, 1429-1433 5.6 24
- 421 One-Pot Synthesis of Functionalized 3-(Trifluoromethyl)phenols by [3+3] Cyclization of 1,3-Bis(silyl enol ethers) with  $\beta$ -Unsaturated Trifluoromethyl Ketones. *European Journal of Organic Chemistry*, **2008**, 2008, 492-502 3.2 24

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|-----|---|-----|----|
| 420 | Designing 2D fused ring materials for small molecules organic solar cells. <i>Computational and Theoretical Chemistry</i> , <b>2020</b> , 1183, 112848  | 2   | 23 |
| 419 | Synthesis, alkaline phosphatase inhibition studies and molecular docking of novel derivatives of 4-quinolones. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 126, 408-420  | 6.8 | 23 |
| 418 | Reactions of 3-acylchromones with dimethyl 1,3-acetonedicarboxylate and 1,3-diphenylacetone: one-pot synthesis of functionalized 2-hydroxybenzophenones, 6H-benzo[c]chromenes and benzo[c]coumarins. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 9344-8 | 3.9 | 23 |
| 417 | Synthesis of aryl-substituted naphthalenes by chemoselective Suzuki-Miyaura reactions of bromo-trifluoromethanesulfonyloxy-naphthalenes. Influence of steric and electronic parameters. <i>Tetrahedron</i> , <b>2012</b> , 68, 6305-6313                                  | 2.4 | 23 |
| 416 | Tetraalkynylated and Tetraalkenylated Benzenes and Pyridines: Synthesis and Photophysical Properties. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 1849-1858  | 5.6 | 23 |
| 415 | 4-Chloro-3-(trifluoroacetyl)coumarin as a novel building block for the synthesis of 7-(trifluoromethyl)-6H-chromeno[4,3-b]quinolin-6-ones. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 373-376   | 2   | 23 |
| 414 | 3,5,7,9-Substituted hexaazaacridines: toward structures with nearly degenerate singlet-triplet energy separations. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 5048-63  | 4.2 | 23 |
| 413 | Spectroscopic studies on the formation and thermal stability of DNA triplexes with a benzoannulated delta-carboline-oligonucleotide conjugate. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 9106-12  | 3.4 | 23 |
| 412 | Synthesis of pyrazole-3-carboxylates and pyrazole-1,5-dicarboxylates by one-pot cyclization of hydrazone dianions with diethyl oxalate. <i>Tetrahedron</i> , <b>2008</b> , 64, 2207-2215  | 2.4 | 23 |
| 411 | Domino Michael-retro-Michael-aldol reactions of 1,3-bis-silyl enol ethers with 3-formylchromones. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 7921-7923  | 2   | 23 |
| 410 | Synthesis of heteroannulated 3-nitro- and 3-aminopyridines by cyclocondensation of electron-rich aminoheterocycles with 3-nitrochromone. <i>Tetrahedron</i> , <b>2012</b> , 68, 2532-2543   | 2.4 | 22 |
| 409 | Synthesis of Dibenzothiophenes and Carbazoles by Sequential Tetra-Fold Heck/6 Electro-cyclization/Dehydrogenation Reactions of Tetrabromothiophene and Tetrabromo-N-methylpyrrole. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 1819-1826                 | 5.6 | 22 |
| 408 | Synthesis and Photophysical Properties of Alkynylated Pyrimidines by Site-Selective Sonogashira Reactions of 2,4,5,6-Tetrachloropyrimidine; First Synthesis of Tetraalkynyl-pyrimidines. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 2088-2093     | 3.2 | 22 |
| 407 | 3-(Dichloroacetyl)chromone; A New Building Block for the Synthesis of Formylated Purine Isosteres: Design and Synthesis of Fused (Formyl)pyridines. <i>Synthesis</i> , <b>2011</b> , 2011, 469-479  | 2.9 | 22 |
| 406 | Synthesis of 1,3,5-tricarbonyl derivatives by condensation of 1,3-bis(silyl enol ethers) with acid chlorides. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 1957-61   | 4.2 | 22 |
| 405 | Synthesis of benzofurans with remote bromide functionality by domino "ring-cleavage-deprotection-cyclization" reactions of 2-alkylidenetetrahydrofurans with boron tribromide. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 7686-93                            | 4.2 | 22 |
| 404 | Synthesis of 4-(3-hydroxyalkyl)pyrimidines by ring transformation reactions of 2-alkylidenetetrahydrofurans with amidines. <i>Tetrahedron</i> , <b>2006</b> , 62, 5426-5434   | 2.4 | 22 |
| 403 | Synthesis and structure-activity relationships of 2-alkylidenethiazolidine-4,5-diones as antibiotic agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 4402-7  | 3.4 | 22 |

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|-----|---|-----|----|
| 402 | Synthesis of 2,3-benzoxepins by sequential cyclopropanation/ring-enlargement reactions of benzopyrylium triflates with diazoesters. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 4057-4059  | 2   | 22 |
| 401 | Synthesis of natural pulvinic acids based on a [B+2] cyclization/Suzuki cross-coupling strategy. <i>Tetrahedron</i> , <b>2005</b> , 61, 2055-2063   | 2.4 | 22 |
| 400 | Synthesis of tetraarylpyridines by chemo-selective Suzuki-Miyaura reactions of 3,5-dibromo-2,6-dichloropyridine. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 6832-8   | 3.9 | 21 |
| 399 | Pyridinium salts Versatile reagents for the regioselective synthesis of functionalized thiazocino[2,3-b]indoles by tandem dinucleophilic reactions of thiooxindoles. <i>Tetrahedron</i> , <b>2012</b> , 68, 9685-9693   | 2.4 | 21 |
| 398 | Synthesis and bioactivity of carbohydrate derivatives of indigo, its isomers and heteroanalogues. <i>ChemMedChem</i> , <b>2011</b> , 6, 25-37   | 3.7 | 21 |
| 397 | Synthesis of azoxabicyclo[3.3.1]nonanones based on diastereoselective reactions of 1,1-bis(trimethylsilyloxy)ketene acetals with isoquinolines and quinolines. <i>Organic and Biomolecular Chemistry</i> , <b>2008</b> , 6, 2804-14                                       | 3.9 | 21 |
| 396 | One-pot synthesis of pyrazole-5-carboxylates by cyclization of hydrazone 1,4-dianions with diethyl oxalate. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 3591-3593  | 2   | 21 |
| 395 | Synthesis of 7-hydroxy-6H-benzo[c]chromen-6-ones based on a [B+3] cyclization/domino retro-Michael/Idolactonization strategy. <i>Tetrahedron</i> , <b>2006</b> , 62, 9694-9700  | 2.4 | 21 |
| 394 | Synthesis of 2,5-dihydrobenzo[b]oxepines and 5,6-dihydro-2H-benzo[b]oxocines based on a [B+3] cyclization-olefin-metathesis strategy. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 113-116  | 2   | 21 |
| 393 | Regioselective Synthesis of Functionalized Furans by Cyclization of 1,3-Bis-Silyl Enol Ethers with 1-Chloro-2,2-dimethoxyethane. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 2074-2090   | 3.2 | 21 |
| 392 | A domino reaction of 3-chlorochromones with aminoheterocycles. Synthesis of pyrazolopyridines and benzofuopyridines and their optical and ecto-5'-nucleotidase inhibitory effects. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 717-732                  | 3.9 | 20 |
| 391 | Synthesis of Fluorinated Arenes and Hetarenes Based on One-Pot Cyclizations of 1,3-Bis(trimethylsilyloxy)-1,3-butadienes. <i>Synlett</i> , <b>2009</b> , 2009, 2205-2216  | 2.2 | 20 |
| 390 | Recent advances in the chemistry of 2-(2-oxoalkylidene)tetrahydrofurans. <i>Tetrahedron</i> , <b>2007</b> , 63, 10865-10888   | 2   | 20 |
| 389 | Domino "Staudinger/semi-aza-Wittig/fragmentation" reactions of gamma-azido-beta-hydroxyketones. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6165-70   | 4.2 | 20 |
| 388 | Synthesis, reactions and structure-activity relationships of 1-hydroxyspiro[2.5]cyclooct-4-en-3-ones: illudin analogs with in vitro cytotoxic activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 4694-703  | 3.4 | 20 |
| 387 | Regioselective synthesis of 2-acetyl- and 2-alkoxycarbonyl-3-(trifluoromethyl)phenols by [3+3] cyclization of 1,3-bis-silyl enol ethers with 4-ethoxy- and 4-silyloxy-1,1,1-trifluoroalk-3-en-2-ones. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 2183-2185            | 2   | 20 |
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| 78 | Synthesis of Chlorinated Arenes and Hetarenes by One-Pot Cyclizations of 1,3-Bis-silyl Enol Ethers. <i>Synlett</i> , <b>2019</b> , 30, 665-673  | 2.2 | 3 |
| 77 | Synthesis of 5-Aryl-5H-pyrido[2',1':2,3]imidazo[4,5-b]indoles by Domino Pd- and Cu-Catalyzed C <sub>N</sub> Coupling Reactions. <i>Synlett</i> , <b>2019</b> , 30, 303-306  | 2.2 | 3 |
| 76 | Synthesis of 7H-Indolo[2,3-c]quinolines by Chemoselective Suzuki Reaction Followed by a Ring-Closing Two-Fold Buchwald-Hartwig Reaction of 3-Bromo-4-iodoquinoline. <i>ChemistrySelect</i> , <b>2018</b> , 3, 11177-11179   | 1.8 | 3 |
| 75 | Synthesis of furo[3,2-b:4,5-b']diindoles and their optical and electrochemical properties. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 6543-6551  | 3.9 | 3 |
| 74 | Site-Selective Synthesis of 3,17-Diaryl-1,3,5,16-estratetraenes. <i>Synlett</i> , <b>2019</b> , 30, 600-604   | 2.2 | 2 |
| 73 | Synthesis and Reactivity of 2-Pyrrolidino-, 2-N-Methylpiperazino-, 2-Piperidino-, and 2-Morpholino-1,3,4-thiadiazines. <i>Journal of Heterocyclic Chemistry</i> , <b>2015</b> , 52, 450-462   | 1.9 | 2 |
| 72 | Chemoselective Suzuki-Miyaura reactions of 4-bromo-3-O-triflyl-estrone. Synthesis and atropisomerism of arylated estrones. <i>Tetrahedron</i> , <b>2018</b> , 74, 2825-2836   | 2.4 | 2 |
| 71 | Synthesis and photophysical properties of tetra and pentaarylated fluorobenzenes. <i>Tetrahedron</i> , <b>2016</b> , 72, 1076-1082  | 2.4 | 2 |
| 70 | NMR spectroscopic and theoretical studies on the isomerism of 1,5-benzodiazepin-2-one derivatives containing a perfluorinated side chain. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1196, 215-221   | 3.4 | 2 |
| 69 | Synthesis of functionalized para- and meta-terphenyls based on site-selective Suzuki cross-coupling reactions of bis(triflates) of methyl 2,5-dihydroxybenzoate and methyl 2,4-dihydroxybenzoate. <i>Canadian Journal of Chemistry</i> , <b>2013</b> , 91, 1048-1058                                  | 0.9 | 2 |
| 68 | Synthesis of Dimethyl Tetraarylphthalates by Suzuki-Miyaura Reactions of Dimethyl Tetrabromophthalate. <i>Helvetica Chimica Acta</i> , <b>2013</b> , 96, 408-413  | 2   | 2 |
| 67 | Site-Selective Suzuki-Miyaura Reaction of 6,8-Dibromoflavone. <i>Synlett</i> , <b>2015</b> , 26, 2601-2605  | 2.2 | 2 |
| 66 | 3-Pyrenylacrylates: Synthetic, Photophysical, Theoretical and Electrochemical Investigations. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2013</b> , 68, 367-377  | 1   | 2 |
| 65 | Regioselective synthesis of 6-aryl-5-(chloroethyl)salicylates by domino [B+3] cyclization/homo-Michael reactions of 1,3-bis(silyloxy)-1,3-butadienes with 1-formyl- and 1-acetyl-1-aryl-cyclopropanes. <i>Tetrahedron</i> , <b>2009</b> , 65, 5491-5496   | 2.4 | 2 |
| 64 | Synthesis of 5-Thioxo-hexahydrobenzo[b]thiopheno[2,3-d]-1,2,4-triazolo[1,5-c]pyrimidines and Related Compounds Based on Cyclocondensations of 2-Isothiocyano-3-cyano-4,5,6,7-tetrahydrobenzo[b]thiophene. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2009</b> , 184, 626-637 | 1   | 2 |
| 63 | Synthesis and Characterization of Cyclopropylpolyketides: A Combined Experimental and Theoretical Study. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 971-974   | 3.2 | 2 |
| 62 | Synthesis of Functionalized Isobenzomorphans by Two-Step Cyclocondensation of 1,3-Bis(trimethylsilyloxy)-1,3-butadienes with Isoquinolines. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, NA-NA  | 3.2 | 2 |
| 61 | Synthesis of heterospiranes by cyclization of dinucleophiles with 1,1-bis(tosyloxymethyl)cyclopropane and -cyclobutane. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 675-677  | 2   | 2 |

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| 60 | Defunctionalization of $\beta$ -Alkylidene- $\beta$ -hydroxybutenolides by Palladium(0)-Catalyzed Reaction of Enol Triflates with Hexylboronic Acid. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 1057-1060                           | 3.2 | 2 |
| 59 | Synthesis of 4-Trifluoromethylpyridines by [5+1] Cyclization of 3-Hydroxy-pent-4-yn-1-ones with Urea. <i>Advanced Synthesis and Catalysis</i> , <b>2005</b> , 355, n/a-n/a  | 5.6 | 2 |
| 58 | Synthesis of functionalized arylalkyl and diaryl ethers by [3+3] cyclization of 3-alkoxy- and 3-aryloxy-1-siloxy-1,3-butadienes with 3-(silyloxy)alk-2-en-1-ones. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 8519-8521                                  | 2.1 | 2 |
| 57 | Highly Potent and Selective Ectonucleoside Triphosphate Diphosphohydrolase (ENTPDase1, 2, 3 and 8) Inhibitors Having 2-substituted-7- trifluoromethyl-thiadiazolopyrimidones Scaffold. <i>Medicinal Chemistry</i> , <b>2020</b> , 16, 689-702               | 1.8 | 2 |
| 56 | Synthesis of Dibenzotropones by Alkyne-Carbonyl Metathesis. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 14420-14432   | 4.2 | 2 |
| 55 | Synthesis of thieno[2,3-]/[3,2-]quinolines and thieno[2,3-] quinolines by Brønsted acid mediated cycloisomerisation. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 6531-6536  | 3.9 | 2 |
| 54 | Synthesis and Properties of Dibenzo[a,j]acridines. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 5867-5875   | 3.2 | 2 |
| 53 | Synthesis of Enantiomerically Enriched Alkynylaryl-Substituted $\beta$ -Amino Acids through Sonogashira Reactions. <i>ChemistrySelect</i> , <b>2019</b> , 4, 13806-13809  | 1.8 | 2 |
| 52 | Efficient synthesis of pentacyclic benzosultam-annulated thiopyranoindoles via domino Knoevenagel / intramolecular hetero-Diels-Alder reactions in water. <i>Chemistry of Heterocyclic Compounds</i> , <b>2020</b> , 56, 392-398                            | 1.4 | 2 |
| 51 | Synthesis of novel 16-E-(arylidene)-3-methoxy- $\beta$ -estrone via a palladium catalysed Suzuki-Miyaura reaction. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 26-28   | 2   | 2 |
| 50 | PTSA-Catalyzed Cyclization of 6-Aminouracils with Diimines: Efficient Synthesis of Functionalized Tetrahydropyrimido[4,5-d]pyrimidine-2,4-diones. <i>ChemistrySelect</i> , <b>2018</b> , 3, 11671-11676   | 1.8 | 2 |
| 49 | Synthesis and Reactions of 1,3,5-Tri- and 1,3,5,7-Tetracarbonyl Compounds. <i>Synlett</i> ,   | 2.2 | 2 |
| 48 | Synthesis of functionalised fluorinated pyridine derivatives by site-selective Suzuki-Miyaura cross-coupling reactions of halogenated pyridines. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2017</b> , 72, 263-279 | 1   | 1 |
| 47 | Synthesis of Pyrimido[5 $\alpha$ ,4 $\beta$ :4,5]pyrrolo[1,2-f]phenanthridines by a One-Pot C $\equiv$ N-Coupling/Hydroamination/C $\equiv$ N-Arylation Sequence. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 989-995                | 3.2 | 1 |
| 46 | Synthesis of chromeno[2,3-c]pyrrol-9(2H)-ones by domino reactions of amino acids with ynones. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 465-468  | 1.4 | 1 |
| 45 | Benzo[b]carbazoliones Synthesis and Inhibitory Effects on Nucleotide Pyrophosphatases/Phosphodiesterases. <i>ChemistrySelect</i> , <b>2019</b> , 4, 2545-2550   | 1.8 | 1 |
| 44 | Site-Selective Suzuki-Miyaura Reaction of 6,8-Dichloro-1,2,4-triazolo[4,3-a]pyridines. <i>Synlett</i> , <b>2020</b> , 31, 1277-1281   | 2.2 | 1 |
| 43 | NMR Spectroscopic and Theoretical Studies on Tautomerism and Isomerism of Perfluoroalkyl-Substituted 1,5-Benzodiazepines. <i>ChemistrySelect</i> , <b>2020</b> , 5, 4221-4230   | 1.8 | 1 |

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| 42 | Chemoselective Synthesis and Human Ecto-5'-nucleotidase Inhibitory Activity of 2-Trifluoromethyl-4,6-diarylquinolines. <i>ChemistrySelect</i> , <b>2018</b> , 3, 8587-8592  | 1.8 | 1 |
| 41 | Palladium-Catalysed Sonogashira Reactions of 16-(Hydroxymethylidene)-3-methoxy-Estrone. <i>Synlett</i> , <b>2017</b> , 28, 2647-2649  | 2.2 | 1 |
| 40 | Regioselective Synthesis of 6-[Chloro(difluoro)methyl]salicylates by [3+3] Cyclocondensations of 1,3-Bis(trimethylsilyloxy)buta-1,3-dienes with 1-Chloro-1,1-difluoro-4-(trimethylsilyloxy)pent-3-en-2-one. <i>Helvetica Chimica Acta</i> , <b>2012</b> , 95, 1037-1047                           | 2   | 1 |
| 39 | Regioselective synthesis of CF <sub>2</sub> Cl-substituted biaryls by [3+3] cyclocondensation of 1,3-bis(trimethylsilyloxy)-1,3-butadienes with 4-aryl-1-chloro-1,1-difluoro-4-(trimethylsilyloxy)-3-en-2-ones. <i>Monatshefte Für Chemie</i> , <b>2012</b> , 143, 1151-1156                      | 1.4 | 1 |
| 38 | First synthesis of 4-(arylsulfonyl)phenols by regioselective [3+3] cyclocondensations of 1,3-bis(silyloxy)-1,3-butadienes with 2-arylsulfonyl-3-ethoxy-2-en-1-ones. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 115-117  | 2   | 1 |
| 37 | Ethyl 4-chloro-2'-fluoro-3-hydroxy-5-methyl-biphenyl-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2336   |     | 1 |
| 36 | Synthesis of 2-Hydroxy-5-Arylselanyl-Benzoates by [3+3] Cyclocondensation of 1,3-Bis(Silyloxy)-1,3-Butadienes with 2-Arylseleno-3-Silyloxy-Alk-2-en-1-Ones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 1997-2005   | 1   | 1 |
| 35 | Regioselective Synthesis of 5-(Arylsulfonyl)- and 5-(Benzylsulfonyl)-6-phenylsalicylates by One-Pot Cyclizations of 1,3-Bis(silyloxy)buta-1,3-dienes with 2-(Arylsulfonyl)- and 5-(Benzylsulfonyl)-3-ethoxy-1-phenylprop-2-en-1-ones. <i>Helvetica Chimica Acta</i> , <b>2010</b> , 93, 1610-1621 | 2   | 1 |
| 34 | Synthesis of 5-(Arylselanyl)-2-(arylsulfonyl)benzoates by [3+3] Cyclocondensation of 3-(Arylsulfonyl)-1-(silyloxy)buta-1,3-dienes with 2-(Arylselanyl)-3-(silyloxy)alk-2-en-1-ones. <i>Helvetica Chimica Acta</i> , <b>2010</b> , 93, 1779-1784   | 2   | 1 |
| 33 | Synthesis and reactions of the first fluoroalkylated 1,3-bis(trimethylsilyloxy)-1,3-butadienes. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 5106-5108  | 2   | 1 |
| 32 | Synthesis of 5-Cyano-1,3-dioxoalkanes by Reaction of 1,3-Dicarbonyl Dianions with Bromoacetonitrile. <i>Synthetic Communications</i> , <b>2007</b> , 37, 2959-2966  | 1.7 | 1 |
| 31 | Synthesis of Pyrrolo[1,2-a][1,6]- and [1,8]naphthyridines by Alkyne-Carbonyl Metathesis. <i>Synthesis</i> , <b>2021</b> , 53, 1237-1246   | 2.9 | 1 |
| 30 | Synthesis of aminomethyl derivatives of 5-substituted-3-(prop-2-ynyl)dihydrofuran-2(3H)-ones. <i>Zeitschrift Für Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2016</b> , 71, 267-271  | 1   | 1 |
| 29 | Synthesis of Novel Benzothiazolo[3,2-a]pyridimidin-4-ones with Potential Cytotoxic and Pro-Apoptotic Potential. <i>ChemistrySelect</i> , <b>2018</b> , 3, 12213-12218   | 1.8 | 1 |
| 28 | Identification of New Chromenone Derivatives as Cholinesterase Inhibitors and Molecular Docking Studies. <i>Medicinal Chemistry</i> , <b>2018</b> , 14, 809-817   | 1.8 | 1 |
| 27 | 2,4-Bis(arylethynyl)-9-chloro-5,6,7,8-tetrahydroacridines: synthesis and photophysical properties. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 1629-1640  | 2.5 | 1 |
| 26 | Domino Reactions of Chromones with Heterocyclic Enamines. <i>Synlett</i> ,  | 2.2 | 1 |
| 25 | Chemoenzymatic Asymmetric Synthesis of Pyridine-Based Fluorinated Secondary Alcohols. <i>ChemBioChem</i> , <b>2021</b> , 22, 3314-3318  | 3.8 | 1 |

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| 24 | Synthesis of non-symmetrical alkynylpyridines by chemoselective Sonogashira cross-coupling reactions. <i>Tetrahedron</i> , <b>2019</b> , 75, 130559  | 2.4 | ○ |
| 23 | Synthesis of 2,3,3a,9a-Tetrahydro-1H-cyclopenta[b]quinoxaline-1,3,4,9-tetracarboxylate by Cyclization of 1,5-Bis[(trimethylsilyloxy)penta-1,4-dienes with Quinoxalines. <i>Helvetica Chimica Acta</i> , <b>2015</b> , 98, 308-317  | 2   | ○ |
| 22 | Synthesis of 2-Aryl-12H-benzothiazolo[2,3-b]quinazolin-12-ones and Their Activity Against Monoamine Oxidases. <i>ChemistrySelect</i> , <b>2019</b> , 4, 11071-11076  | 1.8 | ○ |
| 21 | Condensation of the dianion of ethyl acetoacetate with perfluoroalkyl iodides. Application to the synthesis of 3-perfluoroalkylsalicylic acids. <i>Monatshefte Für Chemie</i> , <b>2013</b> , 144, 1057-1061   | 1.4 | ○ |
| 20 | Synthesis of novel halogenated 2-vinylchroman-4-ones and their antimicrobial activity. <i>Monatshefte Für Chemie</i> , <b>2013</b> , 144, 345-349  | 1.4 | ○ |
| 19 | Regioselective Synthesis of 5-(2-Cyanoethyl)-1,1'-biphenyl-2-carboxylates by Formal [3+3] Cyclocondensations of 1,3-Bis[(trimethylsilyloxy)buta-1,3-dienes. <i>Helvetica Chimica Acta</i> , <b>2013</b> , 96, 2185-2190 <sup>○</sup>   |     |   |
| 18 | Synthesis of 2-chloro-3-oxoesters by reaction of the dianion of ethyl 2-chloroacetoacetate with electrophiles. <i>Monatshefte Für Chemie</i> , <b>2013</b> , 144, 627-631  | 1.4 | ○ |
| 17 | Suzuki-Miyaura Reactions of 2,7-Dichloro-1,8-naphthyridine. <i>Synlett</i> , <b>2013</b> , 24, 359-362   | 2.2 | ○ |
| 16 | Regioselective Synthesis of Trichloromethyl-Substituted Salicylates and Cyclohexenones by One-Pot Cyclizations of 1,3-Bis(trimethylsilyloxy)buta-1,3-dienes. <i>Helvetica Chimica Acta</i> , <b>2013</b> , 96, 1955-1967 <sup>○</sup>  |     |   |
| 15 | Regioselective Synthesis of 4-(Arylsulfanyl)-2-hydroxyhomophthalates by [4+2] Cycloaddition of 3-(Arylsulfanyl)-1-(trimethylsilyloxy)buta-1,3-dienes with Dimethyl Penta-2,3-dienedioate. <i>Helvetica Chimica Acta</i> , <b>2010</b> , 93, 704-710  | 2   | ○ |
| 14 | Synthesis of 9-Aryl-9,10-dihydrophenanthrenes by Domino [3+3] Annulation/Ring-Opening/Friedel-Crafts Alkylation Reactions of 1,3-Bis(trimethylsilyloxy)-1,3-butadienes with 3-Aroyl-5-aryl-4,5-dihydrofurans. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 5118-5127 | 3.2 | ○ |
| 13 | Synthesis and properties of Tetraaryl-1,8-naphthyridines. <i>Tetrahedron</i> , <b>2021</b> , 103, 132537   | 2.4 | ○ |
| 12 | Synthesis of glycosides of 1H-Pyrazolo[3,4-b]pyridin-3(2H)-ones. <i>Tetrahedron</i> , <b>2020</b> , 76, 131522   | 2.4 | ○ |
| 11 | Copper-Catalyzed Synthesis of $\beta$ - and $\epsilon$ -Carbolines by Double N-Arylation of Primary Amines. <i>Synlett</i> , <b>2021</b> , 32, 1004-1008   | 2.2 | ○ |
| 10 | Total Synthesis of Dabigatran Revisited; Synthesis of Amidine-Tosylated Dabigatran. <i>ChemistrySelect</i> , <b>2019</b> , 4, 13802-13805  | 1.8 | ○ |
| 9  | Synthesis and investigation on optical and electrochemical properties of 2,4-diaryl-9-chloro-5,6,7,8-tetrahydroacridines. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 2450-2461 <sup>2,5</sup>   |     | ○ |
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| 7  | Synthesis of Methyl 2-arylthio-5-aryldiazenylbenzoates by Formal [3+3]Cyclizations of 3-arylthio-1-silyloxy-1,3-butadienes with 2-aryldiazenyl-3-silyloxy-2-en-1-ones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2014</b> , 189, 255-262                         | 1   |   |

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- 5 Isolation of Trimethylammoniumylacetate Monohydrate from Cola Lepidota Seeds: Antiproliferative Activity of Extracts and Fractions. *Journal of Herbs, Spices and Medicinal Plants*, **2013**, 19, 329-339 0.9
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