

Xavier Guinchard

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,256
citations

257101

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395343

33
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docs citations

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times ranked

1223
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Exploring the Biosynthetic Potential of TsrM, a B ₁₂ -dependent Radical SAM Methyltransferase Catalyzing Non-radical Reactions. <i>Chemistry - A European Journal</i> , 2022, 28, . | 1.7 | 7 |
| 2 | Enantioselective Au(I)-Catalyzed Multicomponent Annulations via Tethered Counterion-Directed Catalysis. <i>ACS Catalysis</i> , 2022, 12, 4046-4053. | 5.5 | 21 |
| 3 | Unbiased C ₃ -Electrophilic Indoles: Triflic Acid Mediated C ₃ -Regioselective Hydroarylation of N ^H Indoles**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 7.2 | 4 |
| 4 | Enantioselective Au(I)-catalyzed dearomatization of 1-naphthols with allenamides through Tethered Counterion-Directed Catalysis. <i>Chemical Communications</i> , 2021, 57, 10779-10782. | 2.2 | 11 |
| 5 | Gold-Catalyzed Carboamination of Allenes by Tertiary Amines Proceeding with Benzylic Group Migration. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2893-2902. | 2.1 | 3 |
| 6 | Au(I)-Catalyzed Pictet-Spengler Reactions All around the Indole Ring. <i>Journal of Organic Chemistry</i> , 2021, 86, 6406-6422. | 1.7 | 7 |
| 7 | Gold-catalyzed enantioselective functionalization of indoles. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6006-6017. | 1.5 | 46 |
| 8 | Gold-Catalyzed Spirocyclization Reactions of <i>N</i> -Propargyl Tryptamines and Tryptophans in Aqueous Media. <i>Organic Letters</i> , 2020, 22, 4344-4349. | 2.4 | 26 |
| 9 | Chiral Phosphathiahelicenes: Improved Synthetic Approach and Uses in Enantioselective Gold(I)-Catalyzed [2 + 2] Cycloadditions of <i>N</i> -Homoallyl Tryptamines. <i>ACS Catalysis</i> , 2020, 10, 8141-8148. | 5.5 | 41 |
| 10 | Tethered Counterion-Directed Catalysis: Merging the Chiral Ion-Pairing and Bifunctional Ligand Strategies in Enantioselective Gold(I) Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 3797-3805. | 6.6 | 77 |
| 11 | Enantioselective Gold-Catalyzed Pictet-Spengler Reaction. <i>Organic Letters</i> , 2019, 21, 9446-9451. | 2.4 | 49 |
| 12 | Reactions Involving Tryptamines and <i>N</i> -Allyl Aldehydes: Competition between Pictet-Spengler Reaction and Cyclization to <i>N</i> -Aminotetralins. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1280-1288. | 2.1 | 16 |
| 13 | Dissecting the Gold(I)-Catalyzed Carboaminations of <i>N</i> -Allyl Tetrahydro- <i>β</i> -carbolines to Allenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 898-912. | 1.7 | 9 |
| 14 | Gold-Catalyzed Synthesis of Spiro-fused Indoloquinclidines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5823-5829. | 1.2 | 21 |
| 15 | Gold-Catalyzed Synthesis of 2-Sulfonylspiroindolenines via Spirocyclizations. <i>MolBank</i> , 2018, 2018, M985. | 0.2 | 8 |
| 16 | Enantioselective Catalytic Methods for the Elaboration of Chiral Tetrahydro- <i>β</i> -carbolines and Related Scaffolds. <i>Synthesis</i> , 2017, 49, 2605-2620. | 1.2 | 40 |
| 17 | Synthesis of Spiroindolenines via Regioselective Gold(I)-Catalyzed Cyclizations of <i>N</i> -Propargyl Tryptamines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4036-4042. | 2.1 | 61 |
| 18 | Short Enantioselective Total Synthesis of (±)-Rhazinilam Using a Gold(I)-Catalyzed Cyclization. <i>Organic Letters</i> , 2017, 19, 4794-4797. | 2.4 | 29 |

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|----|--|-----|-----------|
| 19 | Gold(I)-Catalyzed Carboaminations of Allenes by β -Allyltetrahydro- β -carbolines: An Experimental and Theoretical Study. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3960-3965. | 2.1 | 12 |
| 20 | Synthesis of Spiro[piperidine-3,3-oxindoles] via Gold(I)-Catalyzed Dearomatization of Propargyl- and Homoallyl- β -bromotryptamines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3355-3361. | 2.1 | 39 |
| 21 | Self-Relay Gold(I)-Catalyzed Pictet-Spengler/Cyclization Cascade Reaction for the Rapid Elaboration of Pentacyclic Indole Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 17587-17590. | 1.7 | 34 |
| 22 | When Phosphosugars Meet Gold: Synthesis and Catalytic Activities of Phostones and Polyhydroxylated Phosphonite Au(I) Complexes. <i>Molecules</i> , 2015, 20, 21082-21093. | 1.7 | 4 |
| 23 | Stereoselective Synthesis of Chiral Polycyclic Indolic Architectures through Pd(0)-Catalyzed Tandem Deprotection/Cyclization of Tetrahydro- β -carbolines on Allenes. <i>Chemistry - A European Journal</i> , 2015, 21, 8511-8520. | 1.7 | 38 |
| 24 | Thiophostone-Derived Brønsted Acids in the Organocatalyzed Transfer Hydrogenation of Quinolines: Influence of the P-Stereogenicity. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 188-193. | 1.2 | 24 |
| 25 | 1-(1H-indol-3-yl)ethanamine Derivatives as Potent <i>Staphylococcus aureus</i> NorA Efflux Pump Inhibitors. <i>ChemMedChem</i> , 2014, 9, 1534-1545. | 1.6 | 29 |
| 26 | Domino Formation of Enamines - Intramolecular Cyclizations to 1-Aminotetralins from β -Aryllallene Aldehydes and Amines. <i>Organic Letters</i> , 2014, 16, 5438-5441. | 2.4 | 12 |
| 27 | Synthesis and Evaluation of Di- and Trimeric Hydroxylamine-Based β -(1 β 3)-Glucan Mimetics. <i>Journal of the American Chemical Society</i> , 2014, 136, 14852-14857. | 6.6 | 30 |
| 28 | Pd(0)-Catalyzed Tandem Deprotection/Cyclization of Tetrahydro- β -carbolines on Allenes: Application to the Synthesis of Indolo[2,3-a]quinolizidines. <i>Organic Letters</i> , 2014, 16, 1924-1927. | 2.4 | 30 |
| 29 | Alternative Synthesis of P-Chiral Phosphonite-Borane Complexes: Application to the Synthesis of Phostone-Phostone Dimers. <i>Journal of Organic Chemistry</i> , 2013, 78, 6858-6867. | 1.7 | 17 |
| 30 | N β O Bond as a Glycosidic Bond Surrogate: Synthetic Studies Toward Polyhydroxylated N-Alkoxy-piperidines. <i>Chemistry - A European Journal</i> , 2013, 19, 2168-2179. | 1.7 | 29 |
| 31 | Synthesis of β -Hydroxy O-Alkyl Hydroxylamines from Epoxides Using a Convenient and Versatile Two-Step Procedure. <i>Synthesis</i> , 2012, 45, 65-74. | 1.2 | 2 |
| 32 | 2-(Selenocyanatomethyl)-2-propenol: A convenient synthon for ligation via the deselenative allylic rearrangement of allyl selenosulfides: preparation, functional group compatibility, and application. <i>Canadian Journal of Chemistry</i> , 2012, 90, 944-953. | 0.6 | 6 |
| 33 | Asymmetric Synthesis of Polyhydroxylated N-Alkoxy-piperidines by Ring-Closing Double Reductive Amination: Facile Preparation of Isfagomine and Analogues. <i>Organic Letters</i> , 2012, 14, 596-599. | 2.4 | 37 |
| 34 | Synthesis, Characterization, and Coupling Reactions of Six-Membered Cyclic P-Chiral Ammonium Phosphonite-Boranes; Reactive H-Phosphinate Equivalents for the Stereoselective Synthesis of Glycomimetics. <i>Journal of the American Chemical Society</i> , 2012, 134, 12289-12301. | 6.6 | 35 |
| 35 | Study of the Total Synthesis of (β)-Exiguolide. <i>Journal of Organic Chemistry</i> , 2012, 77, 6728-6742. | 1.7 | 28 |
| 36 | Synthesis and evaluation of 1-(1H-indol-3-yl)ethanamine derivatives as new antibacterial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3204-3215. | 1.4 | 20 |

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|----|--|-----|-----------|
| 37 | Various Entries to Vinyl Chloride Derivatives and their Applications in Total Synthesis of Natural Products. <i>Synlett</i> , 2011, 2011, 2779-2788. | 1.0 | 4 |
| 38 | Synthesis of (+)-Neopeltolide. <i>Synfacts</i> , 2010, 2010, 0273-0273. | 0.0 | 0 |
| 39 | Synthesis of the Landomycinone Skeleton. <i>Journal of Organic Chemistry</i> , 2010, 75, 8190-8198. | 1.7 | 22 |
| 40 | Total Synthesis of (âˆ™)-Exiguolide. <i>Organic Letters</i> , 2010, 12, 744-747. | 2.4 | 49 |
| 41 | Palladium(0)-Catalyzed Cross-Coupling of Potassium (Z)-Chloroalkenyl Trifluoroborates: A Chemo- and Stereoselective Access to (Z)-Chloroolefins and Trisubstituted Alkenes. <i>Chemistry - A European Journal</i> , 2009, 15, 5793-5798. | 1.7 | 31 |
| 42 | Total Synthesis of the Antiproliferative Macrolide (+)-Neopeltolide. <i>Organic Letters</i> , 2009, 11, 4700-4703. | 2.4 | 77 |
| 43 | Reactions of In Situ Generated N-Boc Nitrones with Aromatic and Heteroaromatic Grignard Reagents: Application to the Synthesis of Zileuton. <i>Journal of Organic Chemistry</i> , 2008, 73, 2028-2031. | 1.7 | 25 |
| 44 | Multigram Synthesis of a Water-Soluble Porphyrazine and Derived seco-Porphyrazine Labeling Agents. <i>Organic Letters</i> , 2007, 9, 5291-5294. | 2.4 | 16 |
| 45 | Total Synthesis of Marine Sponge Bis(indole) Alkaloids of the Topsentin Class. <i>Journal of Organic Chemistry</i> , 2007, 72, 3972-3975. | 1.7 | 48 |
| 46 | Total Syntheses of Brominated Marine Sponge Alkaloids. <i>Organic Letters</i> , 2007, 9, 3761-3764. | 2.4 | 36 |
| 47 | tert-Butyl (Phenylsulfonyl)alkyl-N-hydroxycarbamates: The First Class of N-(Boc) Nitronone Equivalents. <i>Organic Letters</i> , 2005, 7, 5147-5150. | 2.4 | 38 |
| 48 | Unbiased C3-Regioselective Hydroarylation of N-H Indoles. <i>Angewandte Chemie</i> , 0, , . | 1.6 | 0 |