

# Xavier Guinchard

## List of Publications by Year in descending order

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48  
papers

1,256  
citations

257101

24  
h-index

395343

33  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis of the Antiproliferative Macrolide (+)-Neopeltolide. <i>Organic Letters</i> , 2009, 11, 4700-4703.	2.4	77
2	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
3	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
4	Total Synthesis of (âˆ)—Exiguolide. <i>Organic Letters</i> , 2010, 12, 744-747.	2.4	49
5	Enantioselective Gold-Catalyzed Pictetâ€“Spengler Reaction. <i>Organic Letters</i> , 2019, 21, 9446-9451.	2.4	49
6	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
7	Gold-catalyzed enantioselective functionalization of indoles. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6006-6017.	1.5	46
8	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
9	Enantioselective Catalytic Methods for the Elaboration of Chiral Tetrahydro-Î²-carbolines and Related Scaffolds. <i>Synthesis</i> , 2017, 49, 2605-2620.	1.2	40
10	Synthesis of Spiro[piperidineâ€“oxindoles] <i>via</i> Gold(I)-Catalyzed Dearomatization of <i>N</i> -Propargyl- and <i>N</i> -Homoallyl-2-bromotryptamines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3355-3361.	2.1	39
11	<i>tert</i> -Butyl (Phenylsulfonyl)alkyl- <i>N</i> -hydroxycarbamates:â€‰ The First Class of <i>N</i> -(Boc) Nitron Equivalents. <i>Organic Letters</i> , 2005, 7, 5147-5150.	2.4	38
12	Stereoselective Synthesis of Chiral Polycyclic Indolic Architectures through Pd <sup>0</sup> -Catalyzed Tandem Deprotection/Cyclization of Tetrahydro-Î²-carbolines on Allenes. <i>Chemistry - A European Journal</i> , 2015, 21, 8511-8520.	1.7	38
13	Asymmetric Synthesis of Polyhydroxylated <i>N</i> -Alkoypiperidines by Ring-Closing Double Reductive Amination: Facile Preparation of Isofagomine and Analogues. <i>Organic Letters</i> , 2012, 14, 596-599.	2.4	37
14	Total Syntheses of Brominated Marine Sponge Alkaloids. <i>Organic Letters</i> , 2007, 9, 3761-3764.	2.4	36
15	Synthesis, Characterization, and Coupling Reactions of Six-Membered Cyclic P-Chiral Ammonium Phosphoniteâ€“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
16	Self-Relay Gold(I)-Catalyzed Pictetâ€“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
17	Palladium(0)-Catalyzed Cross-Coupling of Potassium ( <i>Z</i> )-2-Chloroalk-1-enyl Trifluoroborates: A Chemo- and Stereoselective Access to ( <i>Z</i> )-Chloroolefins and Trisubstituted Alkenes. <i>Chemistry - A European Journal</i> , 2009, 15, 5793-5798.	1.7	31
18	Synthesis and Evaluation of Di- and Trimeric Hydroxylamine-Based Î²-(1â†³)-Glucan Mimetics. <i>Journal of the American Chemical Society</i> , 2014, 136, 14852-14857.	6.6	30

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19	Pd(0)-Catalyzed Tandem Deprotection/Cyclization of Tetrahydro- $\hat{1}^2$ -carbolines on Allenes: Application to the Synthesis of Indolo[2,3-a]quinolizidines. <i>Organic Letters</i> , 2014, 16, 1924-1927.	2.4	30
20	Ni $\hat{2}$ O Bond as a Glycosidic Bond Surrogate: Synthetic Studies Toward Polyhydroxylated $\hat{N}$ -Alkoxy piperidines. <i>Chemistry - A European Journal</i> , 2013, 19, 2168-2179.	1.7	29
21	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
22	Short Enantioselective Total Synthesis of ( $\hat{2}$ )-Rhazinilam Using a Gold(I)-Catalyzed Cyclization. <i>Organic Letters</i> , 2017, 19, 4794-4797.	2.4	29
23	Study of the Total Synthesis of ( $\hat{2}$ )-Exiguolide. <i>Journal of Organic Chemistry</i> , 2012, 77, 6728-6742.	1.7	28
24	Gold-Catalyzed Spirocyclization Reactions of $\hat{N}$ -Propargyl Tryptamines and Tryptophans in Aqueous Media. <i>Organic Letters</i> , 2020, 22, 4344-4349.	2.4	26
25	Reactions of In Situ Generated $\hat{N}$ -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
26	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
27	Synthesis of the Landomycinone Skeleton. <i>Journal of Organic Chemistry</i> , 2010, 75, 8190-8198.	1.7	22
28	Gold-Catalyzed Synthesis of Spiro-fused Indoloquinolizidines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5823-5829.	1.2	21
29	Enantioselective Au(I)-Catalyzed Multicomponent Annulations via Tethered Counterion-Directed Catalysis. <i>ACS Catalysis</i> , 2022, 12, 4046-4053.	5.5	21
30	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
31	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
32	Multigram Synthesis of a Water-Soluble Porphyrazine and Derived seco-Porphyrazine Labeling Agents. <i>Organic Letters</i> , 2007, 9, 5291-5294.	2.4	16
33	Reactions Involving Tryptamines and $\hat{1}$ -Allenyl Aldehydes: Competition between Pictet-Spengler Reaction and Cyclization to $\hat{1}$ -Aminotetralins. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1280-1288.	2.1	16
34	Domino Formation of Enamines - Intramolecular Cyclizations to 1-Aminotetralins from $\hat{3}$ -Aryllallene Aldehydes and Amines. <i>Organic Letters</i> , 2014, 16, 5438-5441.	2.4	12
35	Gold(I)-Catalyzed Carboaminations of Allenes by $\hat{N}$ -Allyltetrahydro- $\hat{1}^2$ -carbolines: An Experimental and Theoretical Study. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3960-3965.	2.1	12
36	Enantioselective Au( $\hat{1}$ )-catalyzed dearomatization of 1-naphthols with allenamides through Tethered Counterion-Directed Catalysis. <i>Chemical Communications</i> , 2021, 57, 10779-10782.	2.2	11

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37	Dissecting the Gold(I)-Catalyzed Carboaminations of <i>N</i> -Allyl Tetrahydro- $\beta$ -carbolines to Allenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 898-912.	1.7	9
38	Gold-Catalyzed Synthesis of 2-Sulfenylspiroindolenines via Spirocyclizations. <i>MolBank</i> , 2018, 2018, M985.	0.2	8
39	Au(I)-Catalyzed Pictet-Spengler Reactions All around the Indole Ring. <i>Journal of Organic Chemistry</i> , 2021, 86, 6406-6422.	1.7	7
40	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
41	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
42	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
43	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
44	Unbiased $C3$ -Electrophilic Indoles: Triflic Acid Mediated $C3$ -Regioselective Hydroarylation of $N^H$ Indoles**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	4
45	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
46	Synthesis of $\beta$ -Hydroxy O-Alkyl Hydroxylamines from Epoxides Using a Convenient and Versatile Two-Step Procedure. <i>Synthesis</i> , 2012, 45, 65-74.	1.2	2
47	Synthesis of (+)-Neopeltolide. <i>Synfacts</i> , 2010, 2010, 0273-0273.	0.0	0
48	Unbiased $C3$ -Electrophilic Indoles: Triflic Acid Mediated $C3$ -Regioselective Hydroarylation of $N^H$ Indoles. <i>Angewandte Chemie</i> , 0, , .	1.6	0