

# Guillaume Bernadat

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,136  
citations

394421

19  
h-index

395702

33  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Brønsted Acid Catalysis as a Tool for the Synthesis of Natural Products and Pharmaceuticals. <i>Chemistry - A European Journal</i> , 2018, 24, 3925-3943.	3.3	139
2	Unified biomimetic assembly of voacalgine A and bipleiophylline via divergent oxidative couplings. <i>Nature Chemistry</i> , 2017, 9, 793-798.	13.6	83
3	Regio-, Diastereo-, and Enantioselective Nitroso-Diels-Alder Reaction of 1,3-Diene-1-carbamates Catalyzed by Chiral Phosphoric Acids. <i>Journal of the American Chemical Society</i> , 2015, 137, 11950-11953.	13.7	79
4	Enamide Derivatives: Versatile Building Blocks for Highly Functionalized 1,2-Substituted Amines. <i>Synlett</i> , 2014, 25, 2842-2867.	1.8	69
5	Design, synthesis and anticancer properties of IsoCombretaQuinolines as potent tubulin assembly inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 1025-1034.	5.5	65
6	Synthesis, biological evaluation, and structure-activity relationships of tri- and tetrasubstituted olefins related to isocombretastatin A-4 as new tubulin inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 430-442.	2.8	55
7	IsoCombretaQuinazolines: Potent Cytotoxic Agents with Antitubulin Activity. <i>ChemMedChem</i> , 2015, 10, 1392-1402.	3.2	52
8	Revisiting Previously Investigated Plants: A Molecular Networking-Based Study of <i>Geissospermum laeve</i> . <i>Journal of Natural Products</i> , 2017, 80, 1007-1014.	3.0	45
9	Discovery of azaisoerianin derivatives as potential antitumors agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 178-189.	5.5	38
10	Chiral phosphoric acid-catalyzed enantioselective construction of structurally diverse benzothiazolopyrimidines. <i>Chemical Science</i> , 2019, 10, 3765-3769.	7.4	38
11	Spontaneous Biomimetic Formation of (±)-Dictazole...B under Irradiation with Artificial Sunlight. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6419-6424.	13.8	32
12	Enantioselective Redox-Divergent Chiral Phosphoric Acid Catalyzed Quinone Diels-Alder Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8491-8496.	13.8	28
13	Synthesis of a 3-(1-Styryl)benzo[ <i>b</i> ]-thiophene Library via Bromocyclization of Alkynes and Palladium-Catalyzed Tosylhydrazones Cross-Couplings: Evaluation as Antitubulin Agents. <i>ACS Combinatorial Science</i> , 2014, 16, 702-710.	3.8	25
14	Theionbrunonines A and B: Dimeric Vobasine Alkaloids Tethered by a Thioether Bridge from <i>Mostuea brunonis</i> . <i>Organic Letters</i> , 2018, 20, 6596-6600.	4.6	25
15	A one-pot synthesis of 3-trifluoromethyl-2-isoxazolines from trifluoromethyl aldoxime. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2387-2394.	2.2	24
16	A fluorine scan of a tubulin polymerization inhibitor isocombretastatin A-4: Design, synthesis, molecular modelling, and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 473-490.	5.5	24
17	Molecular Networking Reveals Serpentinine-Related Bisindole Alkaloids from <i>Picalima nitida</i> , a Previously Well-Investigated Species. <i>Journal of Natural Products</i> , 2020, 83, 1207-1216.	3.0	22
18	Design, Synthesis, and Biological Activity of New N-(Phenylmethyl)-benzoxazol-2-thiones as Macrophage Migration Inhibitory Factor (MIF) Antagonists: Efficacies in Experimental Pulmonary Hypertension. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2725-2736.	6.4	20

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19	Î±- and Î²-hydrazino acid-based pseudopeptides inhibit the chymotrypsin-like activity of the eukaryotic 20S proteasome. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 505-524.	5.5	19
20	Enantioselective Three-Component Amination of Enecarbamates Enables the Synthesis of Structurally Complex Small Molecules. <i>Journal of Organic Chemistry</i> , 2017, 82, 1775-1789.	3.2	19
21	Non-Covalent Proteasome Inhibitors. <i>Current Pharmaceutical Design</i> , 2013, 19, 4115-4130.	1.9	18
22	A Unified Bioinspired "Aplysinopsin Cascade" Total Synthesis of (Â±)-Tubastrindole B and Related Biosynthetic Congeners. <i>Organic Letters</i> , 2014, 16, 4980-4983.	4.6	18
23	Structure Reassignment of Melonine and Quantum-Chemical Calculations-Based Assessment of Biosynthetic Scenarios Leading to Its Revised and Original Structures. <i>Organic Letters</i> , 2021, 23, 5964-5968.	4.6	17
24	Phenylpropane as an Alternative Dearomatizing Unit of Indoles: Discovery of Inaequalisines A and B Using Substructure-Informed Molecular Networking. <i>Organic Letters</i> , 2020, 22, 6077-6081.	4.6	16
25	Synthesis of 3,5-Disubstituted 1,2-Dioxolanes through the Use of Acetoxy Peroxyacetals. <i>Organic Letters</i> , 2019, 21, 4729-4733.	4.6	15
26	Toward the Total Synthesis of Klaivanolide: Complete Reinterpretation of Its Originally Assigned Structure. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6183-6189.	2.4	13
27	Diversity-oriented synthesis of fused thioglycosyl benzo[e][1,4]oxathiepin-5-ones and benzo[f][1,4]thiazepin-5(2H)-ones by a sequence of palladium-catalyzed glycosyl thiol arylation and deprotection"lactonization reactions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10904-10916.	2.8	12
28	Comparative study of structural models of <i>Leishmania donovani</i> and human GDP-mannose pyrophosphorylases. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 109-118.	5.5	12
29	Interaction of chemokine receptor CXCR4 in monomeric and dimeric state with its endogenous ligand CXCL12: coarse-grained simulations identify differences. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 399-412.	3.5	12
30	Synthesis and Characterization of Hairpin Mimics that Modulate the Early Oligomerization and Fibrillization of Amyloid Î²-Peptide. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2971-2980.	2.4	12
31	Catalytic Enantioselective Cycloaddition with Chiral Lewis Bases. <i>Current Organic Chemistry</i> , 2011, 15, 4108-4127.	1.6	11
32	Harnessing the Intrinsic Reactivity within the Aplysinopsin Series for the Synthesis of Intricate Dimers: Natural from Start to Finish. <i>Synthesis</i> , 2015, 47, 2367-2376.	2.3	9
33	Differential activity and selectivity of N-terminal modified CXCL12 chemokines at the CXCR4 and ACKR3 receptors. <i>Journal of Leukocyte Biology</i> , 2020, 107, 1123-1135.	3.3	9
34	Characterization of the Annonaceous acetogenin, annonacinone, a natural product inhibitor of plasminogen activator inhibitor-1. <i>Scientific Reports</i> , 2016, 6, 36462.	3.3	8
35	Enantioselective Redox" Divergent Chiral Phosphoric Acid Catalyzed Quinone Diels" Alder Reactions. <i>Angewandte Chemie</i> , 2020, 132, 8569-8574.	2.0	8
36	Synthesis and conformational studies of a stable peptidomimetic Î²-hairpin based on a bifunctional diketopiperazine turn inducer. <i>New Journal of Chemistry</i> , 2015, 39, 3250-3258.	2.8	7

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37	Voatriafricanines A and B, Trimeric Vobasine-Aspidosperma-Aspidosperma Alkaloids from <i>Voacanga africana</i> . <i>Journal of Natural Products</i> , 2021, 84, 2755-2761.	3.0	7
38	6-endo-dig Cycloisomerization of N-Propargyl Aminoquinoxalines: A New Route to 1,4,8-Triazaphenanthrenes. <i>Synthesis</i> , 2016, 48, 3232-3240.	2.3	6
39	Streamlined targeting of Amaryllidaceae alkaloids from the bulbs of <i>Crinum scillifolium</i> using spectrometric and taxonomically-informed scoring metabolite annotations. <i>Phytochemistry</i> , 2020, 179, 112485.	2.9	6
40	DP4-Assisted Structure Elucidation of Isodemethylchodatin, a New Norlichexanthone Derivative Meager in H-Atoms, from the Lichen <i>Parmotrema tsavoense</i> . <i>Molecules</i> , 2019, 24, 1527.	3.8	5
41	Nervisides (1): Unconventional Side-Chain-Bearing Cycloartane Glycosides from <i>Nervilia concolor</i> . <i>Molecules</i> , 2019, 24, 2599.	3.8	4
42	A thorough evaluation of matrix-free laser desorption ionization on structurally diverse alkaloids and their direct detection in plant extracts. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7405-7416.	3.7	4
43	Synthesis and Anticancer Properties of Oxazepines Related to Azaisoerianin and IsoCoQuines. <i>ChemMedChem</i> , 2020, 15, 1571-1578.	3.2	2