

Bastien Nay

List of Publications by Year in descending order

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74
papers

1,773
citations

257450

24
h-index

330143

37
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all docs

100
docs citations

100
times ranked

2025
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural products from <i>Cephalotaxus</i> sp.: chemical diversity and synthetic aspects. <i>Natural Product Reports</i> , 2012, 29, 845.	10.3	170
2	Chemistry and biology of non-tetramic $\hat{1}^3$ -hydroxy- $\hat{1}^3$ -lactams and $\hat{1}^3$ -alkylidene- $\hat{1}^3$ -lactams from natural sources. <i>Natural Product Reports</i> , 2009, 26, 1044-1062.	10.3	108
3	Chemical Communication between the Endophytic Fungus <i>Paraconiothyrium Variabile</i> and the Phytopathogen <i>Fusarium oxysporum</i> . <i>PLoS ONE</i> , 2012, 7, e47313.	2.5	79
4	Further Studies of the Norditerpene (+)-Harringtonolide Isolated from <i>Cephalotaxus harringtonia</i> var. <i>drupacea</i> : Absolute Configuration, Cytotoxic and Antifungal Activities. <i>Planta Medica</i> , 2008, 74, 870-872.	1.3	65
5	The fungal leaf endophyte <i>Paraconiothyrium variabile</i> specifically metabolizes the host-plant metabolome for its own benefit. <i>Phytochemistry</i> , 2014, 108, 95-101.	2.9	60
6	Synthesis of the Carbocyclic Core of the Cornexistins by Ring-Closing Metathesis. <i>Organic Letters</i> , 2003, 5, 89-92.	4.6	54
7	Hirsutellones and beyond: figuring out the biological and synthetic logics toward chemical complexity in fungal PKS-NRPS compounds. <i>Natural Product Reports</i> , 2013, 30, 765.	10.3	47
8	Complex Polypropionates from a South China Sea Photosynthetic Mollusk: Isolation and Biomimetic Synthesis Highlighting Novel Rearrangements. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12105-12112.	13.8	45
9	Insecticidal Cyclodepsipeptides from <i>Beauveria felina</i> . <i>Journal of Natural Products</i> , 2011, 74, 825-830.	3.0	44
10	Asymmetric Synthesis of the Oxygenated Polycyclic System of (+)-Harringtonolide. <i>Organic Letters</i> , 2012, 14, 1270-1273.	4.6	40
11	Guaiane Sesquiterpenes from <i>Biscogniauxia nummularia</i> Featuring Potent Antigerminative Activity. <i>Journal of Natural Products</i> , 2012, 75, 798-801.	3.0	40
12	Synthesis and biological activities of the respiratory chain inhibitor aurachin D and new ring versus chain analogues. <i>Bellstein Journal of Organic Chemistry</i> , 2013, 9, 1551-1558.	2.2	40
13	3-Acylated tetramic and tetric acids as natural metal binders: myth or reality?. <i>Natural Product Reports</i> , 2016, 33, 540-548.	10.3	36
14	Phenols as C- and O-Nucleophiles in Palladium-Catalysed Allylic Substitutions. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2231-2234.	2.4	35
15	Geographic locality greatly influences fungal endophyte communities in <i>Cephalotaxus harringtonia</i> . <i>Fungal Biology</i> , 2013, 117, 124-136.	2.5	33
16	Total synthesis of isotopically labelled flavonoids. Part 5: Gram-scale production of ^{13}C -labelled (\hat{a})-procyanidin B3. <i>Tetrahedron Letters</i> , 2001, 42, 5669-5671.	1.4	32
17	Synthesis of Naturally Occurring Cyclohexene Rings Using Stereodirected Intramolecular Diels-Alder Reactions Through Asymmetric 1,3-Dioxane Tethering. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2789-2800.	2.4	31
18	First Total Synthesis, Structure Revision, and Natural History of the Smallest Cytochalasin: (+)-Periconiasin G. <i>Chemistry - A European Journal</i> , 2016, 22, 15257-15260.	3.3	30

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19	Why has transparency evolved in aposematic butterflies? Insights from the largest radiation of aposematic butterflies, the Ithomiini. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182769.	2.6	30
20	Transition metal-promoted biomimetic steps in total syntheses. <i>Natural Product Reports</i> , 2014, 31, 533-549.	10.3	29
21	Synthetic studies toward the cytotoxic norditerpene (+)-harringtonolide: setting up key-stereogenic centers of the cyclohexane ring D. <i>Tetrahedron Letters</i> , 2011, 52, 3447-3450.	1.4	27
22	Antimicrobial Oligophenalenone Dimers from the Soil Fungus <i>Talaromyces stipitatus</i> . <i>Journal of Natural Products</i> , 2016, 79, 2991-2996.	3.0	27
23	One-step enantioselective synthesis of (4S)-isosclerone through biotransformation of juglone by an endophytic fungus. <i>Tetrahedron Letters</i> , 2013, 54, 1189-1191.	1.4	26
24	Mechanism of an insect glutathione S-transferase: kinetic analysis supporting a rapid equilibrium random sequential mechanism with housefly I1 isoform. <i>Insect Biochemistry and Molecular Biology</i> , 1999, 29, 71-79.	2.7	25
25	Total synthesis of isotopically labelled flavonoids. Part 3: For Part 2, see Ref. 1. ¹³ C-labelled (âˆ™)-procyanidin B3 from 1-[¹³ C]-acetic acid. <i>Tetrahedron Letters</i> , 2001, 42, 1279-1281.	1.4	25
26	An Integrative Approach to Decipher the Chemical Antagonism between the Competing Endophytes <i>Paraconiothyrium variable</i> and <i>Bacillus subtilis</i> . <i>Journal of Natural Products</i> , 2017, 80, 2863-2873.	3.0	25
27	Marine sponges of the genus <i>Stelletta</i> as promising drug sources: chemical and biological aspects. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 237-257.	12.0	25
28	¹³ C-Labelled (âˆ™)-Catechin From Potassium [¹³ C]Cyanide. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 1279-1283.	2.4	23
29	Gram-Scale Production and Applications of Optically Pure ¹³ C-Labelled (+)-Catechin and (âˆ™)-Epicatechin. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2379-2384.	2.4	22
30	Synthetic studies on the cornexistins: synthesis of (âˆ™)-5-epi-hydroxycornexistin. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4012.	2.8	22
31	Inhibition of <i>Phytophthora</i> species, agents of cocoa black pod disease, by secondary metabolites of <i>Trichoderma</i> species. <i>Environmental Science and Pollution Research</i> , 2018, 25, 29901-29909.	5.3	22
32	Variation of chemical compounds in wild Heliconiini reveals ecological factors involved in the evolution of chemical defenses in mimetic butterflies. <i>Ecology and Evolution</i> , 2020, 10, 2677-2694.	1.9	21
33	A domino ring-closing metathesis as a key-step in the synthesis of chiral lactones from d-mannitol. <i>Tetrahedron Letters</i> , 2005, 46, 3867-3870.	1.4	20
34	Utility of a chiral 1,3-dioxane template in stereoselective intramolecular Diels-Alder reactions. <i>Tetrahedron Letters</i> , 2007, 48, 2893-2896.	1.4	20
35	An enyne metathesis/Diels-Alder reaction sequence towards the synthesis of cup-shaped 5/5/6-tricyclic architectures. <i>Tetrahedron Letters</i> , 2007, 48, 4331-4333.	1.4	20
36	Variation in cyanogenic compounds concentration within a <i>Heliconius</i> butterfly community: does mimicry explain everything?. <i>BMC Evolutionary Biology</i> , 2016, 16, 272.	3.2	20

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37	A Reactive Eremophilane and Its Antibacterial 2(1 <i>H</i>)-Naphthalenone Rearrangement Product, Witnesses of a Microbial Chemical Warfare. <i>Organic Letters</i> , 2017, 19, 4038-4041.	4.6	20
38	Asymmetric Total Synthesis of Distaminolyne A and Revision of Its Absolute Configuration. <i>Organic Letters</i> , 2017, 19, 714-717.	4.6	19
39	Sinunanolobatone A, an Anti-inflammatory Diterpenoid with Bicyclo[13.1.0]pentadecane Carbon Scaffold, and Related Casbanes from the Sanya Soft Coral <i>Sinularia nanolobata</i> . <i>Organic Letters</i> , 2021, 23, 7575-7579.	4.6	19
40	Methods in synthesis of flavonoids.. <i>Tetrahedron Letters</i> , 2000, 41, 9049-9051.	1.4	18
41	Palcernuine, the first [5/6/6/6]-cernuane-type alkaloid from <i>Palhinhaea cernua</i> f. <i>sikkimensis</i> . <i>Chinese Chemical Letters</i> , 2016, 27, 969-973.	9.0	18
42	Diversity and Ecological Significance of Fungal Endophyte Natural Products. <i>Studies in Natural Products Chemistry</i> , 2012, 36, 249-296.	1.8	17
43	Chemically Unprecedented Biocatalytic (AuaG) Retro[2,3]Wittig Rearrangement: A New Insight into Aurachin B Biosynthesis. <i>ChemBioChem</i> , 2014, 15, 2349-2352.	2.6	17
44	One-Pot Synthesis of Metastable 2,5-Dihydrooxepines through Retro-Claisen Rearrangements: Method and Applications. <i>Chemistry - A European Journal</i> , 2019, 25, 8643-8648.	3.3	16
45	Methods in synthesis of flavonoids. Part 3: Molybdenum(IV)-catalyzed coupling of cinnamyl alcohols to phenol derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 2675-2678.	1.4	15
46	Unexpected Dehydrogenation Products in the Furan Series Arising from Ruthenium-Catalyzed 4-Oxo-1,6-enyne Metathesis. <i>Synthetic Communications</i> , 2005, 35, 1559-1565.	2.1	15
47	Total Synthesis of Tyrosine-Derived Tetramic Acid Pigments from a Slime Mould. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5402-5408.	2.4	14
48	Bio-Inspired Formal Synthesis of Hirsutellones... ¹³ C Featuring an Electrophilic Cyclization Triggered by Remote Lewis Acid-Activation. <i>Chemistry - A European Journal</i> , 2013, 19, 16389-16393.	3.3	14
49	Talaroketals A and B, unusual bis(oxaphenalenone) spiro and fused ketals from the soil fungus <i>Talaromyces stipitatus</i> ATCC 10500. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2691-2697.	2.8	14
50	Time resolved transient circular dichroism spectroscopy using synchrotron natural polarization. <i>Structural Dynamics</i> , 2019, 6, 054307.	2.3	14
51	Tabernaegantinalins: Unprecedented Cytotoxic Bisindole Alkaloids from <i>Muntafara sessilifolia</i> . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2816-2823.	2.4	12
52	Direct biosynthetic cyclization of a distorted paracyclophane highlighted by double isotopic labelling of <i>scp</i> -tyrosine. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3662-3666.	2.8	12
53	Unexpected talaroenamine derivatives and an undescribed polyester from the fungus <i>Talaromyces stipitatus</i> ATCC10500. <i>Phytochemistry</i> , 2015, 119, 70-75.	2.9	10
54	Harnessing the potential diversity of resinic diterpenes through visible light-induced sensitized oxygenation coupled to Kornblum-DeLaMare and Hock reactions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2412-2416.	4.5	10

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55	The Retro-Claisen Rearrangement of α -Vinylcyclopropylcarbonyl Substrates and the Question of its Synthetic Potential. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3517-3525.	2.4	10
56	Complex Polypropionates from a South China Sea Photosynthetic Mollusk: Isolation and Biomimetic Synthesis Highlighting Novel Rearrangements. <i>Angewandte Chemie</i> , 2020, 132, 12203-12210.	2.0	9
57	The use of d-mannitol-derived C2-symmetric trienes in tandem metathesis reactions towards valuable lactones. <i>Tetrahedron</i> , 2008, 64, 10853-10859.	1.9	8
58	Total Synthesis of Phytotoxic Radulanin A Facilitated by the Photochemical Ring Expansion of a 2,2-Dimethylchromene in Flow. <i>Organic Letters</i> , 2022, 24, 4029-4033.	4.6	8
59	Ring-Closing Enyne Metathesis of Terminal Alkynes with Propargylic Hindrance. <i>Journal of Organic Chemistry</i> , 2015, 80, 5359-5363.	3.2	7
60	Total synthesis of asymmetric flavonoids: the development and applications of ^{13}C -labelling. <i>Comptes Rendus Chimie</i> , 2002, 5, 577-590.	0.5	6
61	Multifaceted Study on a Cytochalasin Scaffold: Lessons on Reactivity, Multidentate Catalysis, and Anticancer Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 16686-16691.	3.3	5
62	Reactivity of cyclohexene epoxides toward intramolecular acid-catalyzed cyclizations for the synthesis of naturally occurring cage architectures. <i>Comptes Rendus Chimie</i> , 2013, 16, 304-310.	0.5	4
63	Phenols as C- and O-Nucleophiles in Palladium-Catalysed Allylic Substitutions. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2231-2234.	2.4	4
64	Synthesis of a Biomimetic Tetracyclic Precursor of Aspochalasins and Formal Synthesis of Trichoderone A. <i>Organic Letters</i> , 2021, 23, 5755-5760.	4.6	3
65	Assessing the Role of Developmental and Environmental Factors in Chemical Defence Variation in Heliconiini Butterflies. <i>Journal of Chemical Ecology</i> , 2021, 47, 577-587.	1.8	2
66	Bioinspired Adventures in the Total Synthesis of Mixed Polyketide-Nonribosomal Peptide Natural Products. <i>Strategies and Tactics in Organic Synthesis</i> , 2017, 13, 55-80.	0.1	1
67	Diversity-oriented synthesis of 17-spirosteroids. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 880-887.	2.2	1
68	Programmed Multiple C-H Bond Functionalization of the Privileged 4-hydroxyquinoline Template. <i>Chemistry - A European Journal</i> , 2021, 27, 7764-7772.	3.3	1
69	Total Synthesis of Asymmetric Flavonoids: Development and Applications of ^{13}C -Labelling. <i>ChemInform</i> , 2003, 34, no.	0.0	0
70	A Domino Ring-Closing Metathesis as a Key-Step in the Synthesis of Chiral Lactones from D-Mannitol.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
71	Unexpected Dehydrogenation Products in the Furan Series Arising from Ruthenium-Catalyzed 4-Oxo-1,6-enyne Metathesis.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
72	New Analogues of the Antitumor Alkaloid Girolline: The 4-Deazathiogirolline Series. <i>Synthesis</i> , 2005, 2005, 97-101.	2.3	0

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73	Synthetic Studies toward a Biomimetic Linear Precursor of Hirsutellones. <i>Synlett</i> , 2011, 2011, 2685-2688.	1.8	0
74	Total Synthesis of Poisonous Aconitum Alkaloids Empowered by a Fragment Coupling Strategy. <i>ACS Central Science</i> , 2021, 7, 1298-1299.	11.3	0