

Bernard L Flynn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9293071/publications.pdf>

Version: 2024-02-01

72
papers

3,173
citations

147801

31
h-index

155660

55
g-index

73
all docs

73
docs citations

73
times ranked

3250
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Pot Synthesis of Benzo[b]furan and Indole Inhibitors of Tubulin Polymerization. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 2670-2673.	6.4	244
2	A Novel Palladium-Mediated Coupling Approach to 2,3-Disubstituted Benzo[b]thiophenes and Its Application to the Synthesis of Tubulin Binding Agents. <i>Organic Letters</i> , 2001, 3, 651-654.	4.6	214
3	Iodine-Induced Reaction Cascades for the Rapid Construction of Variously Substituted Benzo[b]thiophenes. <i>Organic Letters</i> , 2003, 5, 4377-4380.	4.6	167
4	The synthesis and tubulin binding activity of thiophene-based analogues of combretastatin A-4. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2341-2343.	2.2	135
5	Discovery of 7-Hydroxy-6-methoxy-2-methyl-3-(3,4,5-trimethoxybenzoyl)benzo[b]furan (BNC105), a Tubulin Polymerization Inhibitor with Potent Antiproliferative and Tumor Vascular Disrupting Properties. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6014-6027.	6.4	133
6	Protease-activated receptor-2 in endosomes signals persistent pain of irritable bowel syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7438-E7447.	7.1	128
7	Allosteric Modulators of the Adenosine A ₁ Receptor: Synthesis and Pharmacological Evaluation of 4-Substituted 2-Amino-3-benzoylthiophenes. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4543-4547.	6.4	124
8	Selective endo and exo Iodocyclizations in the Synthesis of Quinolines and Indoles. <i>Organic Letters</i> , 2006, 8, 243-246.	4.6	117
9	The concise synthesis of chalcone, indanone and indenone analogues of combretastatin A4. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3290-3298.	3.0	84
10	Palladium-catalyzed coupling of terminal alkynes with 5-(trifluoromethanesulfonyloxy)pyrimidine nucleosides. <i>Journal of Organic Chemistry</i> , 1993, 58, 6614-6619.	3.2	82
11	Multicomponent Coupling Approach to (±)-Fronodosin B and a Ring-Expanded Analogue. <i>Organic Letters</i> , 2004, 6, 457-460.	4.6	76
12	Selective Cleavage of Isopropyl Aryl Ethers by Aluminum Trichloride. <i>Journal of Organic Chemistry</i> , 1998, 63, 9139-9144.	3.2	74
13	BNC105: A Novel Tubulin Polymerization Inhibitor That Selectively Disrupts Tumor Vasculature and Displays Single-Agent Antitumor Efficacy. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1562-1573.	4.1	72
14	Alternating Iodonium-Mediated Reaction Cascades Giving Indole- And Quinoline-Containing Polycycles. <i>Organic Letters</i> , 2008, 10, 1967-1970.	4.6	68
15	A convenient two step protocol for the synthesis of cyclopentenones and indanones, including an asymmetric variant. Electronic supplementary information (ESI) available: synthetic procedures and spectral data for all compounds 7 and 8. See http://www.rsc.org/suppdata/cc/b2/b211845a/ . <i>Chemical Communications</i> , 2003, 1380.	4.1	58
16	Solid-Phase Synthesis of 2,3-Disubstituted Benzo[b]thiophenes and Benzo[b]selenophenes. <i>ACS Combinatorial Science</i> , 2006, 8, 163-167.	3.3	56
17	A multi-component coupling approach to benzo[b]furans and indoles. <i>Chemical Communications</i> , 2001, 1594-1595.	4.1	55
18	2-Aminothienopyridazines as Novel Adenosine A ₁ Receptor Allosteric Modulators and Antagonists. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6165-6172.	6.4	54

#	ARTICLE	IF	CITATIONS
19	Oxazolidinone-Promoted, Torquoselective Nazarov Cyclizations. <i>Organic Letters</i> , 2012, 14, 1732-1735.	4.6	52
20	From Sphingosine Kinase to Dihydroceramide Desaturase: A Structure-Activity Relationship (SAR) Study of the Enzyme Inhibitory and Anticancer Activity of 4-((4-(4-Chlorophenyl)thiazol-2-yl)amino)phenol (SKI-II). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 965-984.	6.4	52
21	An Efficient Synthesis and Substitution of 3-Aroyl-2-bromobenzo-furans. <i>Journal of Organic Chemistry</i> , 2008, 73, 1131-1134.	3.2	48
22	5-Substituted 2-aminothiophenes as A1 adenosine receptor allosteric enhancers. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 1319-1327.	3.0	47
23	Asymmetric Synthesis of (+)- and (âˆ’)-Pauciflorol F: Confirmation of Absolute Stereochemistry. <i>Organic Letters</i> , 2013, 15, 4118-4121.	4.6	47
24	Richter cyclization and co-cyclization reactions of triazene-masked diazonium ions. <i>Tetrahedron Letters</i> , 2010, 51, 6882-6885.	1.4	45
25	A Reductive-Coupling plus Nazarov Cyclization Sequence in the Asymmetric Synthesis of Five-Membered Carbocycles. <i>Journal of Organic Chemistry</i> , 2010, 75, 7073-7084.	3.2	44
26	Opposing Auxiliary Conformations Produce the Same Torquoselectivity in an Oxazolidinone-Directed Nazarov Cyclization. <i>Journal of the American Chemical Society</i> , 2013, 135, 9156-9163.	13.7	43
27	Assessment of Double-Barrelled Heck Cyclizations as a Means for Construction of the 14-Phenyl-8,9-dihydro-6H-[1]benzopyrano[4,3-b]pyrrolo[2,1-a]isoquinolin-6-one Core Associated with Certain Members of the Lamellarin Class of Marine Natural Product. <i>Australian Journal of Chemistry</i> , 1999, 52, 755.	0.9	41
28	3- and 6-Substituted 2-amino-4,5,6,7-tetrahydrothieno[2,3-c]pyridines as A1 adenosine receptor allosteric modulators and antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7353-7361.	3.0	41
29	From $\hat{\eta}^2$ -Unsaturated Fischer Carbene Complexes to Highly Substituted 3-Ethoxycyclopentadienes, Masked Cyclopentenones. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 724-748.	2.4	37
30	Synthesis of Thieno-fused Heterocycles through Reiterative Iodocyclization. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1974-1978.	4.3	36
31	Palladium-catalysed coupling of uridine triflate with organostannanes. <i>Tetrahedron Letters</i> , 1990, 31, 1347-1350.	1.4	31
32	Effects of Conformational Restriction of 2-Amino-3-benzoylthiophenes on A ₁ Adenosine Receptor Modulation. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6550-6559.	6.4	31
33	The role of dihydrosphingolipids in disease. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1107-1134.	5.4	31
34	An efficient synthesis of (âˆ’)-frondosin B using a Stille-Heck reaction sequence. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1290.	2.8	30
35	Selective [3+2] Cycloadditions of $\hat{\eta}^2$ -Amino- $\hat{\eta}^2$ -unsaturated Pentacarbonylchromium Complexes to Alkynes - A New Approach to Functionally Substituted Cyclopentadienes. <i>Synlett</i> , 1995, 1995, 1007-1010.	1.8	28
36	Highly Functionalized Five-Membered Carbocycles from (3-Dialkylamino-1-ethoxyalkenylidene)pentacarbonylchromium Complexes and Alkynes: The Effects of Substituents, Solvents, Ligand Additives, and Reagent Concentrations on the Product Distribution. <i>Journal of Organic Chemistry</i> , 2001, 66, 1747-1754.	3.2	28

#	ARTICLE	IF	CITATIONS
37	Scaffold-Divergent Synthesis of Ring-Fused Indoles, Quinolines, and Quinolones via Iodonium-Induced Reaction Cascades. <i>Journal of Organic Chemistry</i> , 2013, 78, 4708-4718.	3.2	28
38	The synthesis and biological evaluation of 2-amino-4,5,6,7,8,9-hexahydrocycloocta[b]thiophenes as allosteric modulators of the A1 adenosine receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3704-3707.	2.2	26
39	Multistereocenter-Containing Cyclopentanoids from Ynamides via Oxazolidinone-Controlled Nazarov Cyclization. <i>Journal of Organic Chemistry</i> , 2017, 82, 6511-6527.	3.2	26
40	Synthesis and biological evaluation of chalcones as inhibitors of the voltage-gated potassium channel Kv1.3. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2055-2061.	2.2	25
41	A New Approach to Highly Substituted Cyclopentanoids from a Concise Formal Synthesis of (+)-Roseophilin. <i>Organic Letters</i> , 2012, 14, 1740-1743.	4.6	25
42	Mechanisms of Carbonyl Activation by BINOL <i>N</i> -Triflylphosphoramides: Enantioselective Nazarov Cyclizations. <i>ACS Catalysis</i> , 2017, 7, 3466-3476.	11.2	25
43	Linear and Angular Heteroacenes from Double-Electrophilic Cyclization (DEC) and DEC-Reductive Elimination of Dienes. <i>Organic Letters</i> , 2017, 19, 1939-1941.	4.6	25
44	Mapping the Interactions of I_{2C} , I_{2S} , $I_{2\hat{A}}$, and $I_{2S}+I_{2C}$ with Alkynes and Their Roles in Iodocyclizations. <i>Chemistry - A European Journal</i> , 2015, 21, 10191-10199.	3.3	24
45	Synthesis of Modified Nucleosides. Palladium-Catalysed Couplings of Organostannanes or Organoboranes with Pyrimidine Nucleosides. <i>Nucleosides & Nucleotides</i> , 1991, 10, 763-779.	0.5	20
46	Synthesis, X-Ray Crystal Structure and Tubulin- Binding Properties of a Benzofuran Analogue of the Potent Cytotoxic Agent Combretastatin A4. <i>Australian Journal of Chemistry</i> , 1999, 52, 767.	0.9	20
47	An enantioselective double Diels-Alder approach to the tetracyclic framework of colombiasin A. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1842-1844.	2.8	20
48	Selective Formation of 4-Ethoxy-5-methylene-2-cyclopentenones and 3-Ethoxy-2-(1- ϵ -morpholinoalkenyl)-2-cyclopentenones from (1-Ethoxy-3-morpholino-alkenylidene)pentacarbonylchromium Complexes and Terminal Alkynes - A Short Enantioselective Synthesis of the Hypotensive Oudenone. <i>Synlett</i> , 1995, 1995, 812-814.	1.8	19
49	Electrophilic Activation of P-Alkynes in the Synthesis of P-Substituted and P-Centered Heterocycles. <i>Journal of Organic Chemistry</i> , 2016, 81, 4012-4019.	3.2	19
50	Attenuating PI3K/Akt- mTOR pathway reduces dihydrosphingosine 1 phosphate mediated collagen synthesis and hypertrophy in primary cardiac cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 134, 105952.	2.8	18
51	A Concise Approach to the Polycyclic Scaffold of Frondosin D. <i>Journal of Organic Chemistry</i> , 2008, 73, 8081-8084.	3.2	17
52	Asymmetric synthesis of multiple quaternary stereocentre-containing cyclopentyls by oxazolidinone-promoted Nazarov cyclizations. <i>Chemical Science</i> , 2018, 9, 4644-4649.	7.4	17
53	Three Molecules of an Arylalkyne Reacting with a \hat{I}^2 -Amino-Substituted \hat{I}^2 -Unsaturated Fischer Carbene Complex to Give Highly Substituted Spiro[4.4]nonatrienes. <i>Tetrahedron</i> , 2000, 56, 4977-4984.	1.9	16
54	Sustained endosomal release of a neurokinin-1 receptor antagonist from nanostars provides long-lasting relief of chronic pain. <i>Biomaterials</i> , 2022, 285, 121536.	11.4	16

#	ARTICLE	IF	CITATIONS
55	Polynes to Polycycles: Domino Reactions Forming Polyfused Chalcogenophenes. <i>Organic Letters</i> , 2020, 22, 2987-2990.	4.6	15
56	Exogenous dihydrosphingosine 1 phosphate mediates collagen synthesis in cardiac fibroblasts through JAK/STAT signalling and regulation of TIMP1. <i>Cellular Signalling</i> , 2020, 72, 109629.	3.6	15
57	Approaches to sugar modified 5-trifluoromethanesulfonylpyrimidine nucleosides. <i>Tetrahedron</i> , 1993, 49, 5873-5890.	1.9	14
58	Unprecedented Regio- and Stereoselective Conversion of 1-Cyclopropyl-3-ethoxycyclopentadienes to 3-(E)-Alkylidenecyclopentenones. <i>Journal of Organic Chemistry</i> , 1999, 64, 400-404.	3.2	13
59	An Efficient Synthesis of Bicyclo[3.3.0]oct-2-en-4-ones and 2-Azabicyclo[3.3.0]oct-7-en-6-ones via \hat{I}^2 -Amino-Substituted \hat{I}^2 -Unsaturated Fischer Carbene Complexes. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2025-2031.	2.4	9
60	Tumour targeting of Auger emitters using DNA ligands conjugated to octreotate. <i>International Journal of Radiation Biology</i> , 2012, 88, 1009-1018.	1.8	8
61	Convergent Access to Polycyclic Cyclopentanoids from \hat{I}^2 -Unsaturated Acid Chlorides and Alkynes through a Reductive Coupling, Nazarov Cyclization Sequence. <i>Journal of Organic Chemistry</i> , 2014, 79, 3659-3664.	3.2	8
62	Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition. <i>Toxicology Letters</i> , 2021, 350, 133-142.	0.8	7
63	Reaction Pathways to 2-Aminothiophenes and Thiophene-3-carbonitriles. <i>Australian Journal of Chemistry</i> , 2009, 62, 402.	0.9	6
64	New methodology for the N-alkylation of 2-amino-3-acylthiophenes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4886.	2.8	6
65	The evaluation of solution- and solid-phase approaches to the divergent synthesis cinnoline and phenanthrene ring systems. <i>Molecular Diversity</i> , 2011, 15, 83-89.	3.9	6
66	Selective Synthesis of C_1 -Symmetric BINOL-phosphates and P-chiral Phosphoramides Using Directed <i>ortho</i> -Lithiation. <i>Organic Letters</i> , 2021, 23, 7055-7058.	4.6	6
67	Formation of Highly Substituted Indenes through Acid Promoted Cyclodehydration with Nucleophile Incorporation. <i>Journal of Organic Chemistry</i> , 2019, 84, 2756-2767.	3.2	5
68	Iodocyclisation of Electronically Resistant Alkynes: Synthesis of 2-Carboxy (and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td ₅ (sulfoxy)-3	0.9	5
69	Studies Towards a Concise Enantioselective Synthesis of Roseophilins. <i>Australian Journal of Chemistry</i> , 2015, 68, 1821.	0.9	4
70	The effect of dihydroceramide desaturase 1 inhibition on endothelial impairment induced by indoxyl sulfate. <i>Vascular Pharmacology</i> , 2021, 141, 106923.	2.1	4
71	A PRACTICAL METHOD FOR PHOSPHORYLATION OF COMBRETASTATIN A-4 WITH PHOSPHORUS OXYCHLORIDE. <i>Organic Preparations and Procedures International</i> , 2006, 38, 604-608.	1.3	2
72	A Convenient Two Step Protocol for the Synthesis of Cyclopentenones and Indanones, Including an Asymmetric Variant.. <i>ChemInform</i> , 2003, 34, no.	0.0	1