

Bartłomiej Furman

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective Approaches to $\hat{1}$ - and $\hat{2}$ -Arylated Vinyl Ethers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
2	Photo-Fries-type rearrangement of cyclic enamides. An efficient route to structurally diverse five-membered enaminones. <i>Chemical Communications</i> , 2022, 58, 1898-1901.	2.2	3
3	Direct synthesis of anomeric tetrazolyl iminosugars from sugar-derived lactams. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 115-123.	1.3	4
4	Concise synthesis of bicyclic iminosugars via reductive functionalization of sugar-derived lactams and subsequent RCM reaction. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6842-6846.	1.5	3
5	Reductive Functionalization of Amides in Synthesis and for Modification of Bioactive Compounds. <i>Frontiers in Chemistry</i> , 2021, 9, 655849.	1.8	36
6	A Convenient Approach towards the Synthesis of ADMDP Type Iminosugars and Nojirimycin Derivatives from Sugar-Derived Lactams. <i>Molecules</i> , 2021, 26, 5459.	1.7	0
7	Synthesis of $\hat{2}$ -lactams via diastereoselective, intramolecular Kinugasa reactions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2852-2860.	1.5	5
8	Beyond the Tebbe Olefination: Direct Transformation of Esters into Ketones or Alkenes. <i>Synlett</i> , 2020, 31, 730-736.	1.0	2
9	Overcoming inaccessibility of fluorinated imines – synthesis of functionalized amines from readily available fluoroacetamides. <i>Chemical Communications</i> , 2019, 55, 9436-9439.	2.2	12
10	Bypassing the stereoselectivity issue: transformations of Kinugasa adducts from chiral alkynes and non-chiral acyclic nitrones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6251-6268.	1.5	7
11	Synthesis of Monobactams via the Diastereoselective Kinugasa Reaction. <i>Synthesis</i> , 2018, 50, 1991-2000.	1.2	6
12	Asymmetric Synthesis of Cyclic Nitrones via Organocatalytic Michael Addition of Aldehydes to Nitroolefins and Subsequent Reductive Cyclization.. <i>ChemistrySelect</i> , 2017, 2, 2670-2676.	0.7	11
13	Formal synthesis of Thienamycin. <i>Journal of Antibiotics</i> , 2017, 70, 781-787.	1.0	7
14	A new synthesis of highly functionalized cyclohexenes via a vinylogous Ferrier-Petasis cyclization reaction. <i>Tetrahedron</i> , 2017, 73, 7030-7041.	1.0	2
15	Studies on the Enantioselective Kinugasa Reaction: Efficient Synthesis of $\hat{2}$ -Lactams Catalyzed by $\hat{1}$ -PINAP/CuX Complexes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2212-2219.	1.2	21
16	Flexible synthesis of fused piperidinones and application in the synthesis of ($\hat{1}$)-myrtine. <i>Tetrahedron</i> , 2016, 72, 7125-7134.	1.0	3
17	1,3-Dipolar cycloaddition of a cyclic nitrone derived from 2-deoxy-D-ribose to $\hat{1}$, $\hat{2}$ -unsaturated lactones: An entry to carbapenem antibiotics. <i>Carbohydrate Research</i> , 2016, 433, 89-96.	1.1	7
18	Diastereoselective synthesis of $\hat{2}$ -lactams via Kinugasa reaction of acyclic chiral nitrones. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 12-21.	1.8	12

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19	Synthesis of Thienamycin methyl ester from 2-deoxy-d-ribose via Kinugasa reaction. <i>Journal of Antibiotics</i> , 2016, 69, 164-168.	1.0	12
20	Approach to Monobactams and Nocardicins via Diastereoselective Kinugasa Reaction. <i>Journal of Organic Chemistry</i> , 2015, 80, 12038-12046.	1.7	15
21	Synthesis of Polyhydroxylated Piperidine and Pyrrolidine Peptidomimetics via One-Pot Sequential Lactam Reduction/Joullin-Ugi Reaction. <i>Journal of Organic Chemistry</i> , 2015, 80, 3621-3633.	1.7	44
22	Sugar-derived cyclic imines: one-pot synthesis and direct functionalization. <i>Tetrahedron</i> , 2014, 70, 1880-1888.	1.0	40
23	Synthesis of Polyhydroxylated Quinolizidine and Indolizidine Scaffolds from Sugar-Derived Lactams via a One-Pot Reduction/Mannich/Michael Sequence. <i>Journal of Organic Chemistry</i> , 2014, 79, 10487-10503.	1.7	33
24	Acid catalyzed rearrangement of vinyl and ketene acetals. <i>Tetrahedron</i> , 2014, 70, 1651-1658.	1.0	11
25	Kinugasa reaction: an "ugly duckling" of β -lactam chemistry. <i>Tetrahedron</i> , 2014, 70, 7817-7844.	1.0	71
26	Thermal and Sc(OTf) ₃ catalyzed 1,3-dipolar cycloaddition of open-chain nitrones to α,β -unsaturated lactones: combined experimental and computational studies. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 89-103.	1.8	12
27	A practical preparation of the key intermediate for penems and carbapenems synthesis. <i>Journal of Antibiotics</i> , 2013, 66, 161-163.	1.0	9
28	Practical One-Pot Synthesis of Protected l-Glyceraldehyde Derivatives. <i>Synthesis</i> , 2012, 44, 2695-2698.	1.2	4
29	An Entry to the Carbapenem Antibiotic Scaffold via the Asymmetric Kinugasa Reaction. <i>Synthesis</i> , 2012, 44, 2825-2839.	1.2	23
30	Synthesis of N,4-diaryl substituted β -lactams via Kinugasa cycloaddition/rearrangement reaction. <i>Tetrahedron</i> , 2012, 68, 10806-10817.	1.0	18
31	A Formal Synthesis of Ezetimibe via Cycloaddition/Rearrangement Cascade Reaction. <i>Journal of Organic Chemistry</i> , 2011, 76, 6931-6936.	1.7	38
32	Direct, Catalytic Synthesis of Carbapenams via Cycloaddition/Rearrangement Cascade Reaction: Unexpected Acetylenes " Structure Effect. <i>Journal of Organic Chemistry</i> , 2010, 75, 7580-7587.	1.7	58
33	Ferrier-Petasis Rearrangement of 4-(Vinylloxy)azetid-2-ones: An Entry to Carbapenams and Carbacephams. <i>Journal of Organic Chemistry</i> , 2010, 75, 6990-6993.	1.7	10
34	Structure-Chiroptical Properties Relationship of Carbapenams by Experiment and Theory. <i>Journal of Organic Chemistry</i> , 2010, 75, 7219-7226.	1.7	18
35	An Enantioselective Synthesis of 3,4-Benzoxacephams. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 338-341.	1.2	18
36	Diastereoselective Synthesis of Carbapenams via Kinugasa Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 7402-7404.	1.7	43

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37	The fluoride ion-induced intramolecular conjugate addition of propargylsilanes to dihydropyridones. A novel method for the stereoselective construction of azabicyclic ring systems. <i>Tetrahedron</i> , 2005, 61, 8641-8647.	1.0	11
38	Rhodium-Catalyzed Intramolecular Conjugate Addition of Vinylstannanes to 2,3-Dihydro-4-pyridones. An Efficient Route to Stereoselective Construction of Indolizidines. <i>Organic Letters</i> , 2005, 7, 1725-1727.	2.4	29
39	Structure-Chiroptical Properties Relationship in Oxabicyclic β -Lactam Derivatives. <i>Enantiomer</i> , 2002, 7, 107-114.	0.5	17
40	Conformation of chiral alkoxyallenes by proton NMR spectroscopy. <i>Perkin Transactions II RSC</i> , 2000, , 61-67.	1.1	3
41	Stereochemical model of [2+2]cycloaddition of chlorosulfonyl isocyanate to chiral vinyl ethers. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 217-224.	0.9	15
42	Selective Approaches to β - and γ -Arylated Vinyl Ethers. <i>Angewandte Chemie</i> , 0, , .	1.6	0