

Tomasz Bauer

List of Publications by Year in descending order

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516710

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#	ARTICLE	IF	CITATIONS
1	Enantioselective Alkenylation of Aldehydes with Protected Propargylic Alcohols in the Presence of a Crown Ether as an Additive. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3689-3693.	4.3	7
2	Palladium-Catalyzed Enantioselective Allylic Substitution in the Presence of Monodentate Furanoside Phosphoramidites. <i>ChemCatChem</i> , 2015, 7, 799-807.	3.7	13
3	Enantioselective dialkylzinc-mediated alkynylation, arylation and alkenylation of carbonyl groups. <i>Coordination Chemistry Reviews</i> , 2015, 299, 83-150.	18.8	43
4	Carbohydrates as Ligands for Enantioselective Synthesis. <i>Current Organic Chemistry</i> , 2014, 18, 1749-1767.	1.6	6
5	Enantioselective Alkynylation of Aromatic and Aliphatic Aldehydes Catalyzed by Titanium(IV) Complex of D-Glucosamine-derived Sulfonamides. <i>Current Organic Chemistry</i> , 2014, 18, 1218-1224.	1.6	5
6	Sugar-based monodentate phosphoramidite ligands for Cu-catalyzed enantioselective conjugate addition to enones. <i>Tetrahedron</i> , 2013, 69, 1930-1939.	1.9	6
7	Enantioselective addition of diethylzinc to aldehydes catalyzed by d-glucosamine derivatives: Highly pronounced effect of trifluoromethylsulfonamide. <i>Applied Catalysis A: General</i> , 2010, 375, 247-251.	4.3	10
8	$\hat{\pm}$ -Hydroxy carboxylic acids as ligands for enantioselective addition reactions of organoaluminum reagents to aromatic and aliphatic aldehydes. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 851-855.	1.8	31
9	Diastereoselective Synthesis of 2-Alkoxy-5-tert-butylmandelic Acid. <i>Synthesis</i> , 2004, 2004, 20-22.	2.3	4
10	$\hat{\pm}$ -Hydroxy carboxylic acids as ligands for enantioselective diethylzinc additions to aromatic and aliphatic aldehydes. <i>Tetrahedron</i> , 2004, 60, 9163-9170.	1.9	44
11	Titanium-promoted enantioselective diethylzinc addition to benzaldehyde in the presence of C2-symmetrical bis(camphorsulfonamide) ligands. <i>Tetrahedron</i> , 2003, 59, 10009-10012.	1.9	9
12	Highly enantioselective diethylzinc addition to aldehydes catalyzed by d-glucosamine derivatives. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 77-82.	1.8	38
13	$\hat{\pm}$ -Hydroxy carboxylic acids: new ligands for diethylzinc additions to aldehydes. <i>Tetrahedron Letters</i> , 2002, 43, 687-689.	1.4	15
14	Asymmetric Morita-Baylis-Hillman reaction of chiral glyoxylates. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1741-1745.	1.8	34
15	Glyoxylic acid derivatives in asymmetric synthesis. <i>Pure and Applied Chemistry</i> , 2000, 72, 1589-1596.	1.9	12
16	The asymmetric hetero-Diels-Alder reaction and addition of allylic organometallics to 10-N,N-dicyclohexylsulphamoyl-(2R)-isobornyl glyoxylate. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 2101-2111.	1.8	11
17	Influence of Lewis Acids on the [4 + 2] Cycloaddition of N,N'-Fumaroylbis[(2R)-bornane-10,2-sultam] to Cyclopentadiene and application to various dienes. <i>Helvetica Chimica Acta</i> , 1998, 81, 324-329.	1.6	19
18	Asymmetric [4+2] cycloaddition of cyclopentadiene to N-tosylimine of N-glyoxyloyl-(2R)-bornane-10,2-sultam. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2619-2625.	1.8	19

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19	Syntheses of deoxyhexoses from diastereoisomerically pure hetero-Diels-Alder adduct. <i>Tetrahedron</i> , 1997, 53, 4763-4768.	1.9	18
20	Efficient synthesis of N-glyoxyloyl-(2R)-bornane-10,2-sultam. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1385-1390.	1.8	27
21	Stereochemical course of the [4+2] cycloaddition of 1-methoxybuta-1,3-diene to N-glyoxyloyl-(2R)-bornane-10,2-sultam. The formal synthesis of compactin and mevinolin. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1391-1404.	1.8	47
22	The stereocontrolled synthesis of methyl C. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1405-1412.	1.8	13
23	Efficient Preparation and X-Ray Structure Analyses of (2R)-N-pyruvoyl- and (2R)-N-(phenylglyoxyloyl)bornane-10,2-sultam. <i>Helvetica Chimica Acta</i> , 1996, 79, 1059-1066.	1.6	14
24	Highly stereoselective addition of 2-trimethylsilyloxyfuran to N-glyoxyloyl-(2R)-bornane-10,2-sultam. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 981-984.	1.8	21
25	Complete π -Facial Stereoselectivity in the TiCl ₄ -Mediated [4 + 2] Cycloaddition of Cyclopentadiene to N,N'-fumaroyldi[(2R)-bornane-10,2-sultam]. <i>Helvetica Chimica Acta</i> , 1995, 78, 145-150.	1.6	19
26	Asymmetric Diels-Alder Reaction of 1-Methoxybuta-1,3-diene with (2R)-N-Glyoxyloylbornane-10,2-sultam. <i>Helvetica Chimica Acta</i> , 1989, 72, 482-486.	1.6	50
27	Reductive opening of 2,3-unsaturated aldopyranosides. <i>Carbohydrate Research</i> , 1988, 175, 306-310.	2.3	3
28	A general approach to the synthesis of 2,3-di-O-protected derivatives of d-glyceraldehyde. <i>Carbohydrate Research</i> , 1987, 164, 493-498.	2.3	27
29	Asymmetric induction in the Eu(fod) ₃ -mediated high-pressure (4 + 2)cycloaddition of 1-methoxybuta-1,3-diene to 2,3-di-O-benzyl-d-glyceraldehyde. <i>Carbohydrate Research</i> , 1987, 160, C1-C2.	2.3	7
30	Tetrahedron report number 195 (R)- and (S)-2,3-O-isopropylidene-glyceraldehyde in stereoselective organic synthesis. <i>Tetrahedron</i> , 1986, 42, 447-488.	1.9	380
31	Stereochemistry of diels-alder reaction at high-pressure: influence of pressure on asymmetric induction in (4+2)cycloaddition of 1-methoxybuta-1,3-diene to 2,3-o-isopropylidene-D-glyceraldehyde. <i>Tetrahedron</i> , 1986, 42, 5045-5052.	1.9	25
32	Organic Syntheses under High Pressure: Lanthanide-Catalysed [4 + 2]Cycloaddition of 1-Methoxybuta-1,3-diene to Carbonyl Compounds. <i>Synthesis</i> , 1985, 1985, 928-929.	2.3	33
33	High-Pressure Approach to the Synthesis of Optically Pure Methyl 4-Deoxyheptosides. <i>Journal of Carbohydrate Chemistry</i> , 1985, 4, 447-450.	1.1	9
34	Stereospecific synthesis of 5,6-dihydro-2H-pyran system. High-pressure cycloaddition of 1:2,3:4-di-O-isopropylidene- β -D-galactopyranose-6-ulose to 1-methoxybuta-1,3-diene. <i>Tetrahedron Letters</i> , 1984, 25, 4809-4812.	1.4	35