

Biao Yu

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

8,675
citations

50
h-index

76
g-index

325
ext. papers

9,750
ext. citations

6
avg, IF

6.61
L-index

#	Paper	IF	Citations
280	Total Synthesis and Stereochemistry Assignment of Nucleoside Antibiotic A-94964.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	2
279	Total Synthesis of Starfish Cyclic Steroid Glycosides.. <i>Angewandte Chemie - International Edition</i> , 2022 , e202203239	16.4	1
278	2-Diphenylphosphinoyl -acetyl as a Remote Directing Group for the Highly Stereoselective Synthesis of β -Glycosides. <i>Chinese Journal of Chemistry</i> , 2022 , 40, 443-452	4.9	0
277	Chemical synthesis of polysaccharides.. <i>Current Opinion in Chemical Biology</i> , 2022 , 69, 102154	9.7	1
276	A Stereoselective Glycosylation Approach to the Construction of 1,2-trans- β -D-Glycosidic Linkages and Convergent Synthesis of Saponins. <i>Chemistry - A European Journal</i> , 2021 , e202104002	4.8	0
275	Chemical synthesis of saponins: An update. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2021 , 79, 1-62	3.7	3
274	Chemical Synthesis of Saponins. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2021 , 79, 63-150	3.7	0
273	Facile Synthesis of Saikosaponins. <i>Molecules</i> , 2021 , 26,	4.8	1
272	Analysis of Synthetic Monodisperse Polysaccharides by Wide Mass Range Ultrahigh-Resolution MALDI Mass Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 4666-4675	7.8	7
271	Synthetic Homogeneous Glycoforms of the SARS-CoV-2 Spike Receptor-Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. <i>Angewandte Chemie</i> , 2021 , 133, 13014-13020	3.6	1
270	Solving the Structural Puzzles of Amipurimycin and Miharamycins Enabled by Stereodivergent Total Synthesis. <i>Chemical Record</i> , 2021 , 21, 3015-3028	6.6	
269	Synthetic Homogeneous Glycoforms of the SARS-CoV-2 Spike Receptor-Binding Domain Reveals Different Binding Profiles of Monoclonal Antibodies. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12904-12910	16.4	14
268	PEGylated AdipoRon derivatives improve glucose and lipid metabolism under insulinopenic and high-fat diet conditions. <i>Journal of Lipid Research</i> , 2021 , 62, 100095	6.3	0
267	Facile Synthesis of Oleanane-type Pentacyclic Triterpenoids Bearing Hydroxy Groups on D/E Rings. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 1752-1755	3	0
266	A Mild Glycosylation Protocol with Glycosyl 1-Methylimidazole-2-carboxylates as Donors. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4333-4344	3.2	1
265	Ethacrynic acid targets GSTM1 to ameliorate obesity by promoting browning of white adipocytes. <i>Protein and Cell</i> , 2021 , 12, 493-501	7.2	5
264	Triptolide: reflections on two decades of research and prospects for the future. <i>Natural Product Reports</i> , 2021 , 38, 843-860	15.1	23

263	A dehydrative glycosylation protocol mediated by nonafluorobutanesulfonyl fluoride (NFF). <i>Tetrahedron</i> , 2021 , 78, 131800	2.4	5
262	Selective targeting of the androgen receptor-DNA binding domain by the novel antiandrogen SBF-1 and inhibition of the growth of prostate cancer cells. <i>Investigational New Drugs</i> , 2021 , 39, 442-457	4.3	1
261	Targeting hyperactive TGFBR2 for treating MYOCD deficient lung cancer. <i>Theranostics</i> , 2021 , 11, 6592-6606	6.0	0
260	A palladium-catalyzed approach to allenic aromatic ethers and first total synthesis of terricollene A. <i>Chemical Science</i> , 2021 , 12, 9347-9351	9.4	0
259	Total Synthesis of Nucleoside Antibiotics Amicetin, Plicacetin, and Cytosaminomycin AD. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2679-2684	4.9	3
258	Facile access to C-glycosyl amino acids and peptides via Ni-catalyzed reductive hydroglycosylation of alkynes. <i>Nature Communications</i> , 2021 , 12, 4924	17.4	8
257	Total Syntheses of Aturanosides A and B. <i>Organic Letters</i> , 2021 , 23, 6680-6684	6.2	0
256	Temporary ether protecting groups at the anomeric center in complex carbohydrate synthesis. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2020 , 77, 1-69	3.7	4
255	Characterization of Miharamycin Biosynthesis Reveals a Hybrid NRPS-PKS to Synthesize High-Carbon Sugar from a Complex Nucleoside. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5996-6000	16.4	4
254	Atomic Resolution Analyses of Isocoumarin Derivatives for Inhibition of Lysyl-tRNA Synthetase. <i>ACS Chemical Biology</i> , 2020 , 15, 1016-1025	4.9	7
253	Chemical Synthesis of Fucosylated Chondroitin Sulfate Oligosaccharides. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15908-15919	4.2	1
252	Dimerization of aldoses and aldonolactones into branched higher carbon sugars. <i>Chemical Communications</i> , 2020 , 56, 2020-2022	5.8	2
251	Synthesis of Pashinintide A, a Natural Cyclic Hexapeptide Supposedly Capable of Forming a Complex with Sucrose. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 53-56	3	1
250	Synthesis and Antiproliferative Activities of OSW-1 Analogues Bearing 2-ED-p-Acylaminobenzoyl Residues. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1091-1097	4.9	2
249	A Glucose-Triptolide Conjugate Selectively Targets Cancer Cells under Hypoxia. <i>IScience</i> , 2020 , 23, 101536	36.1	4
248	Coinage Metal (Bisfluorosulfonyl)imide Complexes: Preparation, Characterization, and Catalytic Applications. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 107-118	2.3	3
247	Total Synthesis of Macrocyclic Dysoxylactam A. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2467-2469	4.5	2
246	Inhibition of Plasmodium falciparum Lysyl-tRNA synthetase via an anaplastic lymphoma kinase inhibitor. <i>Nucleic Acids Research</i> , 2020 , 48, 11566-11576	20.1	7

245	Site-selective C-H hydroxylation of pentacyclic triterpenoids directed by transient chiral pyridine-imino groups. <i>Nature Communications</i> , 2020 , 11, 4371	17.4	8
244	Synthesis of Sea Cucumber Saponins with Antitumor Activities. <i>Journal of Organic Chemistry</i> , 2020 , 85, 12080-12096	4.2	6
243	Chemical synthesis of glycans up to a 128-mer relevant to the O-antigen of <i>Bacteroides vulgatus</i> . <i>Nature Communications</i> , 2020 , 11, 4142	17.4	26
242	The Miharamycins and Amipurimycin: their Structural Revision and the Total Synthesis of the Latter. <i>Angewandte Chemie</i> , 2019 , 131, 10668-10672	3.6	3
241	Synthesis of spirostanol saponins via gold(I)-catalyzed glycosylation in the presence of Ga(OTf) ₃ , In(OTf) ₃ , or HOTf. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 827-833	4.9	6
240	The Miharamycins and Amipurimycin: their Structural Revision and the Total Synthesis of the Latter. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10558-10562	16.4	17
239	An analog derived from phenylpropanoids ameliorates Alzheimer's disease-like pathology and protects mitochondrial function. <i>Neurobiology of Aging</i> , 2019 , 80, 187-195	5.6	4
238	Synthesis and antiproliferative activities of OSW-1 analogues bearing 2-acylamino-xylose residues. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 2385-2391	5.2	5
237	Identification of the Amipurimycin Gene Cluster Yields Insight into the Biosynthesis of C9 Sugar Nucleoside Antibiotics. <i>Organic Letters</i> , 2019 , 21, 3148-3152	6.2	9
236	Glycosylation with 3,5-Dimethyl-4-(2'-phenylethynylphenyl)phenyl (EPP) Glycosides via a Dearomative Activation Mechanism. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4806-4810	16.4	24
235	Targeting HIBCH to reprogram valine metabolism for the treatment of colorectal cancer. <i>Cell Death and Disease</i> , 2019 , 10, 618	9.8	13
234	Innenrücktitelbild: The Miharamycins and Amipurimycin: their Structural Revision and the Total Synthesis of the Latter (Angew. Chem. 31/2019). <i>Angewandte Chemie</i> , 2019 , 131, 10875-10875	3.6	1
233	Strategies on the construction of 1,2-branched trans-β-glycosidic linkages and their applications in the synthesis of saponins. <i>Journal of Carbohydrate Chemistry</i> , 2019 , 38, 494-508	1.7	8
232	Synthesis of Forsythenethoside A, a Neuroprotective Macrocyclic Phenylethanoid Glycoside, and NMR Analysis of Conformers. <i>Journal of Organic Chemistry</i> , 2019 , 84, 13733-13743	4.2	5
231	SBF-1 inhibits contact hypersensitivity in mice through down-regulation of T-cell-mediated responses. <i>BMC Pharmacology & Toxicology</i> , 2019 , 20, 86	2.6	1
230	Chemical synthesis of marine saponins. <i>Natural Product Reports</i> , 2019 , 36, 769-787	15.1	32
229	Amipurimycin: Total Synthesis of the Proposed Structures and Diastereoisomers. <i>Angewandte Chemie</i> , 2018 , 130, 2934-2938	3.6	7
228	Inhibition of cancer stem cell like cells by a synthetic retinoid. <i>Nature Communications</i> , 2018 , 9, 1406	17.4	30

227	Synthesis of E Ginsenosides Rh, (20E)-Rh, Rg, and Rk: A General Approach To Access Dehydrated Ginsenosides. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2601-2610	4.2	9
226	Total Synthesis of Nucleoside Antibiotics Plicacetin and Streptocytosine A. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7076-7084	4.2	11
225	Amipurimycin: Total Synthesis of the Proposed Structures and Diastereoisomers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2884-2888	16.4	21
224	Gold(I)-Catalyzed Glycosylation with Glycosyl α -Alkynylbenzoates as Donors. <i>Accounts of Chemical Research</i> , 2018 , 51, 507-516	24.3	132
223	Synthesis of the Diverse Glycosides in Traditional Chinese Medicine. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 681-691	4.9	37
222	Gold-catalyzed glycosylation in the synthesis of complex carbohydrate-containing natural products. <i>Chemical Society Reviews</i> , 2018 , 47, 7954-7984	58.5	49
221	A Glycal Approach to the Synthesis of Pregnane Glycoside P57. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 1007-1010	4.9	6
220	Total Synthesis of Dammarane-Type Saponins Ginsenoside Re and Notoginsenoside R1. <i>Acta Chimica Sinica</i> , 2018 , 76, 278	3.3	3
219	SBF-1 preferentially inhibits growth of highly malignant human liposarcoma cells. <i>Journal of Pharmacological Sciences</i> , 2018 , 138, 271-278	3.7	6
218	Tackling the Challenge of the Total Synthesis of Periploside A. <i>Synlett</i> , 2018 , 29, 1683-1692	2.2	2
217	Synthesis of Bradyrhizose Oligosaccharides Relevant to the Bradyrhizobium O-Antigen. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2092-2096	16.4	18
216	Synthesis of β -(1 \rightarrow 2)-Linked 6-Deoxy-l-altropyranose Oligosaccharides via Gold(I)-Catalyzed Glycosylation of an ortho-Hexynylbenzoate Donor. <i>Journal of Organic Chemistry</i> , 2017 , 82, 3062-3071	4.2	9
215	Synthesis of Bradyrhizose Oligosaccharides Relevant to the Bradyrhizobium O-Antigen. <i>Angewandte Chemie</i> , 2017 , 129, 2124-2128	3.6	4
214	Systematic identification of the protein substrates of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-T1/T2/T3 using a human proteome microarray. <i>Proteomics</i> , 2017 , 17, 1600485	4.8	8
213	A Convergent Synthesis of the Triterpene Saponin Asiaticoside. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1270-1276	3	8
212	Total Synthesis of Echinoid A, a Representative Triterpene Glycoside of Sea Cucumbers. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7648-7652	16.4	22
211	Total Synthesis of Echinoid A, a Representative Triterpene Glycoside of Sea Cucumbers. <i>Angewandte Chemie</i> , 2017 , 129, 7756-7760	3.6	2
210	Modified tunicamycins with reduced eukaryotic toxicity that enhance the antibacterial activity of β -lactams. <i>Journal of Antibiotics</i> , 2017 , 70, 1070-1077	3.7	16

209	Selective catalytic hydrogenation of the N-acyl and uridyl double bonds in the tunicamycin family of protein N-glycosylation inhibitors. <i>Journal of Antibiotics</i> , 2017 , 70, 1122-1128	3.7	5
208	Recent Advances in the Chemical Synthesis of C-Glycosides. <i>Chemical Reviews</i> , 2017 , 117, 12281-12356	68.1	236
207	Targeted Delivery and Sustained Antitumor Activity of Triptolide through Glucose Conjugation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12035-9	16.4	38
206	Gold(i)-catalyzed C-glycosylation of glycosyl ortho-alkynylbenzoates: the role of the moisture sequestered by molecular sieves. <i>Chemical Communications</i> , 2016 , 52, 12183-12186	5.8	18
205	An unexpected rearrangement of pent-4-enofuranosides to cyclopentanones upon hydrogenolysis of the anomeric benzyl group. <i>Carbohydrate Research</i> , 2016 , 432, 36-40	2.9	3
204	Synthesis of Ocotillol-Type Ginsenosides. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10279-10294	4.2	15
203	Bio- and chemical syntheses of mangiferin and congeners. <i>BioFactors</i> , 2016 , 42, 445-458	6.1	18
202	Microwave-assisted simultaneous O,N-sulfonation in the synthesis of heparin-like oligosaccharides. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 103-109	5.2	14
201	Efficient synthesis of rottlerin and its two subunits. <i>Tetrahedron Letters</i> , 2016 , 57, 1856-1859	2	13
200	Synthesis of Landomycin D: Studies on the Saccharide Assembly. <i>Synthesis</i> , 2016 , 48, 1693-1699	2.9	8
199	Blockade of the interaction between Bcr-Abl and PTB1B by small molecule SBF-1 to overcome imatinib-resistance of chronic myeloid leukemia cells. <i>Cancer Letters</i> , 2016 , 372, 82-8	9.9	14
198	Stereoselective synthesis of rhamnopyranosides via gold(I)-catalyzed glycosylation with 2-alkynyl-4-nitro-benzoate donors. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1536-9	3.9	27
197	Targeted Delivery and Sustained Antitumor Activity of Triptolide through Glucose Conjugation. <i>Angewandte Chemie</i> , 2016 , 128, 12214-12218	3.6	8
196	Naturally Occurring Polyphenolic Glucosidase Inhibitors. <i>Israel Journal of Chemistry</i> , 2015 , 55, 268-284	3.4	15
195	Total synthesis of astrosteroside A, an anti-inflammatory asterosaponin. <i>Chemical Communications</i> , 2015 , 51, 13826-9	5.8	18
194	ortho-(Methyltosylaminoethynyl)benzyl glycosides as new glycosyl donors for latent-active glycosylation. <i>Chemical Communications</i> , 2015 , 51, 13957-60	5.8	38
193	O-Glycosylation methods in the total synthesis of complex natural glycosides. <i>Natural Product Reports</i> , 2015 , 32, 1331-55	15.1	130
192	A modular approach to the total synthesis of tunicamycins. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6618-21	16.4	58

191	Synthesis of the ABC skeleton of the aglycon of Echinoid A. <i>Chinese Chemical Letters</i> , 2015 , 26, 1331-1835	9	
190	Total Synthesis of Linckosides A and B, the Representative Starfish Polyhydroxysteroid Glycosides with Neuritogenic Activities. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15098-101	16.4	34
189	Thioglycosides in Carbohydrate research. <i>Carbohydrate Research</i> , 2015 , 403, 13-22	2.9	129
188	Au(I) β -bis(tert-butyldimethylsilyl)acetylene triphenylphosphine complex, an effective pre-catalyst for Au(I)-catalyzed reactions. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 360-365	5.2	16
187	Highly stereoselective β -mannopyranosylation via the 1- β -glycosyloxy-isochromenylium-4-gold(I) intermediates. <i>Chemistry - A European Journal</i> , 2015 , 21, 8771-80	4.8	71
186	A Polystyrene-Bound Triphenylphosphine Gold(I) Catalyst for the Glycosylation of Glycosyl ortho-Hexynylbenzoates. <i>Asian Journal of Organic Chemistry</i> , 2015 , 4, 1034-1039	3	7
185	Effective Synthesis of β -D-GlcN-(1 \rightarrow 4)-d-GlcA/l-IdoA Glycosidic Linkage under Gold(I) Catalysis. <i>Asian Journal of Organic Chemistry</i> , 2015 , 4, 756-762	3	14
184	A Modular Approach to the Total Synthesis of Tunicamycins. <i>Angewandte Chemie</i> , 2015 , 127, 6718-6721	3.6	14
183	Synthesis of bradyrhizose, a unique inositol-fused monosaccharide relevant to a Nod-factor independent nitrogen fixation. <i>Chemical Communications</i> , 2015 , 51, 6964-7	5.8	29
182	Efficient synthesis of baicalin and its analogs. <i>Tetrahedron Letters</i> , 2015 , 56, 3816-3819	2	14
181	Total synthesis of periploside A, a unique pregnane hexasaccharide with potent immunosuppressive effects. <i>Nature Communications</i> , 2015 , 6, 5879	17.4	52
180	Recent advances in the synthesis of chitooligosaccharides and congeners. <i>Tetrahedron</i> , 2014 , 70, 1023-1046	10.6	47
179	Efficient synthesis of a library of heparin tri- and tetrasaccharides relevant to the substrate of heparanase. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 405-414	5.2	19
178	Molecular matchmaking between the popular weight-loss herb Hoodia gordonii and GPR119, a potential drug target for metabolic disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14571-6	11.5	27
177	Total synthesis of nucleoside antibiotic A201A. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4157-60	11.6	62
176	2-(1-Hexyn-1-yl)benzoic Acid 2014 , 1-4		
175	Glycosylation Reactions in the Synthesis of Flavonoid Glycosides. <i>Synthesis</i> , 2014 , 46, 1030-1045	2.9	10
174	Modern Synthetic Methods in Carbohydrate Chemistry. From Monosaccharides to Complex Glycoconjugates. Herausgegeben von Daniel B. Werz und Sebastien Vidal.. <i>Angewandte Chemie</i> , 2014 , 126, 6976-6977	3.6	

173	Chemical synthesis of saponins. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2014 , 71, 137-226	3.7	59
172	A divergent approach to the synthesis of simplexides and congeners via a late-stage olefin cross-metathesis reaction. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4971-4	3.9	6
171	Synthetic access toward the diverse ginsenosides. <i>Chemical Science</i> , 2013 , 4, 3899	9.4	51
170	Total synthesis of starfish saponin goniopectenoside B. <i>Chemistry - A European Journal</i> , 2013 , 19, 7708-12	12.8	36
169	Synthesis of oligosaccharide fragments of the rhamnogalacturonan of <i>Nerium indicum</i> . <i>Carbohydrate Research</i> , 2013 , 377, 63-74	2.9	12
168	Tackling the challenges in the total synthesis of landomycin A. <i>Chemical Record</i> , 2013 , 13, 70-84	6.6	8
167	Total synthesis of jadomycins B, S, T, and ILEVS1080. <i>Chemistry - A European Journal</i> , 2013 , 19, 8431-4	4.8	27
166	Characterization of the stereochemical structures of 2H-thiazolo[3,2-a]pyrimidine compounds and their binding affinities for anti-apoptotic Bcl-2 family proteins. <i>ChemMedChem</i> , 2013 , 8, 1345-52	3.7	12
165	Mechanistic insights into the gold(I)-catalyzed activation of glycosyl ortho-alkynylbenzoates for glycosidation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18396-405	16.4	128
164	Probing the key interactions between human Atg5 and Atg16 proteins: a prospective application of molecular modeling. <i>ChemMedChem</i> , 2013 , 8, 1270-5	3.7	7
163	Regio-selective Dehydrogenation on the D or E Rings of Oleanolic Acid by Pd-Promoted C-H Activation. <i>Acta Chimica Sinica</i> , 2013 , 71, 541	3.3	9
162	SBF-1, a synthetic steroidal glycoside, inhibits melanoma growth and metastasis through blocking interaction between PDK1 and AKT3. <i>Biochemical Pharmacology</i> , 2012 , 84, 172-81	6	19
161	Arabidopsis acetyl-amido synthetase GH3.5 involvement in camalexin biosynthesis through conjugation of indole-3-carboxylic acid and cysteine and upregulation of camalexin biosynthesis genes. <i>Journal of Integrative Plant Biology</i> , 2012 , 54, 471-85	8.3	25
160	Efficient synthesis of kaempferol 3,7-O-bisglycosides via successive glycosylation with glycosyl ortho-alkynylbenzoates and trifluoroacetimidates. <i>Tetrahedron Letters</i> , 2012 , 53, 2773-2776	2	7
159	A dramatic concentration effect on the stereoselectivity of N-glycosylation for the synthesis of 2'-deoxy- β -ribonucleosides. <i>Chemical Communications</i> , 2012 , 48, 7097-9	5.8	45
158	Identification of (phosphine)gold(I) hydrates and their equilibria in wet solutions. <i>RSC Advances</i> , 2012 , 2, 12686	3.7	39
157	Construction of interglycosidic N-O linkage via direct glycosylation of sugar oximes. <i>Organic Letters</i> , 2012 , 14, 4022-5	6.2	23
156	ortho-Alkynylphenyl thioglycosides as a new type of glycosylation donors under the catalysis of Au(I) complexes. <i>Tetrahedron Letters</i> , 2012 , 53, 5231-5234	2	25

155	Evaluation of novel saponins from <i>Psammosilene tunicoides</i> and their analogs as immunomodulators. <i>International Immunopharmacology</i> , 2012 , 14, 21-6	5.8	14
154	Carbohydrate Synthesis towards Glycobiology 2012 , 181-219		4
153	Expeditious synthesis of saponin P57, an appetite suppressant from Hoodia plants. <i>Chemical Communications</i> , 2012 , 48, 8679-81	5.8	32
152	Assembly of naturally occurring glycosides, evolved tactics, and glycosylation methods. <i>Accounts of Chemical Research</i> , 2012 , 45, 1227-36	24.3	141
151	Revisit of the phenol O-glycosylation with glycosyl imidates, BF ₃ ·OEt ₂ is a better catalyst than TMSOTf. <i>Carbohydrate Research</i> , 2012 , 363, 14-22	2.9	31
150	Polyphyllin D induces apoptosis in human erythrocytes through Ca ²⁺ rise and membrane permeabilization. <i>Archives of Toxicology</i> , 2012 , 86, 741-52	5.8	75
149	Identification of 3,6-di-O-acetyl-1,2,4-O-orthoacetyl-β-D-glucopyranose as a direct evidence for the 4-O-acyl group participation in glycosylation. <i>Chemical Communications</i> , 2011 , 47, 7515-7	5.8	59
148	Synthesis of oligomeric 4-(glycosyloxy)benzoate macrocyclic glycosides. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3654-63	4.2	16
147	Polyphyllin D, a steroidal saponin from Paris polyphylla, inhibits endothelial cell functions in vitro and angiogenesis in zebrafish embryos in vivo. <i>Journal of Ethnopharmacology</i> , 2011 , 137, 64-9	5	50
146	Efficient synthesis of lupane-type saponins via gold(I)-catalyzed glycosylation with glycosyl ortho-alkynylbenzoates as donors. <i>Organic Letters</i> , 2011 , 13, 5508-11	6.2	41
145	Total synthesis of landomycin A, a potent antitumor angucycline antibiotic. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12433-5	16.4	82
144	A Recyclable Polystyrene-Supported Gold(I) Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1903-1907	5.9	43
143	Discovery and development of thiazolo[3,2-a]pyrimidinone derivatives as general inhibitors of Bcl-2 family proteins. <i>ChemMedChem</i> , 2011 , 6, 904-21	3.7	37
142	An Efficient Approach to the Synthesis of Nucleosides: Gold(I)-Catalyzed N-Glycosylation of Pyrimidines and Purines with Glycosyl ortho-Alkynyl Benzoates. <i>Angewandte Chemie</i> , 2011 , 123, 5035-5038	3.6	26
141	Characterization of the Isochromen-4-yl-gold(I) Intermediate in the Gold(I)-Catalyzed Glycosidation of Glycosyl ortho-Alkynylbenzoates and Enhancement of the Catalytic Efficiency Thereof. <i>Angewandte Chemie</i> , 2011 , 123, 8479-8482	3.6	34
140	An efficient approach to the synthesis of nucleosides: gold(I)-catalyzed N-glycosylation of pyrimidines and purines with glycosyl ortho-alkynyl benzoates. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4933-6	16.4	114
139	Characterization of the isochromen-4-yl-gold(I) intermediate in the gold(I)-catalyzed glycosidation of glycosyl ortho-alkynylbenzoates and enhancement of the catalytic efficiency thereof. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8329-32	16.4	121
138	Synthesis, evaluation, and mechanism of N,N,N-trimethyl-D-glucosamine-(1→4)-chitooligosaccharides as selective inhibitors of glycosyl hydrolase family 20 β-N-acetyl-D-hexosaminidases. <i>ChemBioChem</i> , 2011 , 12, 457-67	3.8	37

- 137 Assembly of digitoxin by gold(I)-catalyzed glycosidation of glycosyl o-alkynylbenzoates. *Journal of Organic Chemistry*, **2011**, 76, 9748-56 4.2 51
- 136 Synthesis of ginsenoside Rh2 and chikusetsusaponin-LT8 via gold(I)-catalyzed glycosylation with a glycosyl ortho-alkynylbenzoate as donor. *Tetrahedron Letters*, **2011**, 52, 3075-3078 2 35
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