

Thomas Ziegler

List of Publications by Year in descending order

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51
papers

669
citations

623734

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642732

23
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51
all docs

51
docs citations

51
times ranked

621
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | The first example of anomeric glycoconjugation to phthalocyanines. <i>Tetrahedron Letters</i> , 2006, 47, 3283-3286. | 1.4 | 64 |
| 2 | Aggregation behavior and UV-vis spectra of tetra- and octaglycosylated zinc phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 39-46. | 0.8 | 53 |
| 3 | Synthesis of an octasubstituted galactose zinc(II) phthalocyanine. <i>Tetrahedron Letters</i> , 2009, 50, 873-875. | 1.4 | 47 |
| 4 | Low-budget 3D-printed equipment for continuous flow reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 558-566. | 2.2 | 40 |
| 5 | New Unsymmetrical Zinc-Phthalocyanine Conjugated with One Azo-Dye Moiety: Synthesis via Opening the Fused Triazole Ring and Spectral Properties. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4328-4337. | 2.4 | 29 |
| 6 | Spectral, photophysical and photochemical properties of tetra- and octaglycosylated zinc phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 679-686. | 2.9 | 24 |
| 7 | Anomerically glycosylated zinc(II) naphthalocyanines. <i>Tetrahedron Letters</i> , 2009, 50, 5681-5685. | 1.4 | 22 |
| 8 | Reaction of N-Nitro-benzotriazole with Nucleophiles. <i>Synthetic Communications</i> , 2010, 40, 3046-3057. | 2.1 | 21 |
| 9 | Spiro-fused carbohydrate oxazoline ligands: Synthesis and application as enantio-discrimination agents in asymmetric allylic alkylation. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 166-171. | 2.2 | 19 |
| 10 | 3D-printed PEEK reactors and development of a complete continuous flow system for chemical synthesis. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1300-1310. | 3.7 | 19 |
| 11 | Synthesis and characterization of 1,8(11),15(18),22(25)-tetraglycosylated zinc(II) phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 494-498. | 0.8 | 18 |
| 12 | Helical Self-Assembly of Optically Active Glycoconjugated Phthalocyanine Aggregates. <i>ChemPlusChem</i> , 2019, 84, 1081-1093. | 2.8 | 18 |
| 13 | Reaction of Nonaflyl and Cyano-Benzotriazoles with Enamines. <i>Synthetic Communications</i> , 2008, 38, 881-888. | 2.1 | 17 |
| 14 | Synthesis of Pentasaccharide Fragments Related to the O-Specific Polysaccharide of <i>Shigella flexneri</i> Serotype 1a. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2618-2630. | 2.4 | 16 |
| 15 | Synthesis of glycosylated metal phthalocyanines and naphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 434-463. | 0.8 | 15 |
| 16 | Synthesis of Sugar-Derived Triazole- and Pyridine-Based Metal Complex Ligands. <i>Synthesis</i> , 2015, 47, 199-208. | 2.3 | 15 |
| 17 | A Practical One-Pot Synthesis of New Glycosyl Amino Acid Building Blocks for Combinatorial Neoglycopeptide Synthesis. <i>Journal of Carbohydrate Chemistry</i> , 2005, 24, 773-788. | 1.1 | 14 |
| 18 | Annulated Sugars: Synthesis of Polyhydroxylated 2,10-Dioxadecalins with mannose Configuration. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5248-5256. | 2.4 | 14 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Glycoconjugated Phthalocyanines as Photosensitizers for PDT – Overcoming Aggregation in Solution. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7089-7116. | 2.4 | 14 |
| 20 | Preparation of Some Glycosyl Amino Acid Building Blocks via Click Reaction and Construction of a Glycotetrapeptide Library Using Spot Synthesis. <i>Journal of Carbohydrate Chemistry</i> , 2008, 27, 446-463. | 1.1 | 13 |
| 21 | Sugar-Annulated Oxazoline Ligands: A Novel Pd(II) Complex and Its Application in Allylic Substitution. <i>Molecules</i> , 2016, 21, 1704. | 3.8 | 13 |
| 22 | Synthesis of unusual phthalocyanines and naphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 312-321. | 0.8 | 12 |
| 23 | Synthesis and Spectroscopic Evaluation of Two Novel Glycosylated Zinc(II)-Phthalocyanines. <i>Molecules</i> , 2015, 20, 18367-18386. | 3.8 | 12 |
| 24 | An efficient Mitsunobu protocol for the one-pot synthesis of S-glycosyl amino-acid building blocks and their use in combinatorial spot synthesis of glycopeptide libraries. <i>Nature Protocols</i> , 2006, 1, 1987-1994. | 12.0 | 11 |
| 25 | Synthesis of Both Enantiomers of Conduritol C Tetraacetate and of meso-Conduritol D Tetraacetate by Oxidation of Benzoquinone Bis(ethylene acetal). <i>European Journal of Organic Chemistry</i> , 2007, 2007, 768-776. | 2.4 | 11 |
| 26 | Carbohydrate based chiral iodoarene catalysts for enantioselective dearomative spirocyclization. <i>Tetrahedron Letters</i> , 2019, 60, 150954. | 1.4 | 11 |
| 27 | Synthesis of spirofused carbohydrate-oxazoline based palladium(II) complexes. <i>Carbohydrate Research</i> , 2015, 411, 56-63. | 2.3 | 9 |
| 28 | Np-protected NONOate Enables Light-Triggered NO/cGMP Signalling in Primary Vascular Smooth Muscle Cells. <i>ChemBioChem</i> , 2018, 19, 1312-1318. | 2.6 | 9 |
| 29 | Synthesis and characterization of [1,4-bis(±)-galactopyranos-6-yl]phthalocyaninato]zinc(II). <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 807-813. | 0.8 | 8 |
| 30 | Synthesis of Vicinal Diketoses by Using a Metathesis-Hydroxylation-Oxidation Sequence. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7658-7663. | 2.4 | 8 |
| 31 | D-Fructose-based spiro-fused PHOX ligands: synthesis and application in enantioselective allylic alkylation. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2082-2089. | 2.2 | 8 |
| 32 | Synthesis of 1,2,3-Triazole-Linked Glycoconjugates of N-(2-Aminoethyl)glycine: Building Blocks for the Construction of Combinatorial Glycopeptide Libraries. <i>Synthesis</i> , 2014, 46, 2362-2370. | 2.3 | 7 |
| 33 | Synthesis and Pd-catalyzed coupling of 1-stannylated glycals. <i>Journal of Carbohydrate Chemistry</i> , 2018, 37, 347-369. | 1.1 | 7 |
| 34 | Carbohydrate-Based Chiral Iodoarene Catalysts: A Survey through the Development of an Improved Catalyst Design. <i>Molecules</i> , 2019, 24, 3883. | 3.8 | 6 |
| 35 | D-Fructose Based Spiro-Fused PHOX Ligands: Palladium Complexes and Application in Catalysis. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3955-3963. | 2.4 | 6 |
| 36 | Synthetic Adventures with 2-Branches Carbohydrates: 4-Formyl Branched Octoses with Structural Analogy to Bradyrhizose. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2653-2670. | 2.4 | 6 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | 1,4,8,11,15,18,22,25-Octafluorophthalocyaninato Zinc (F8PcZn). <i>Synlett</i> , 2012, 23, 2501-2503. | 1.8 | 5 |
| 38 | Synthesis and structure of tricarbonyl(η -6-arene)chromium complexes of phenyl and benzyl D-glycopyranosides. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1059-1070. | 2.2 | 5 |
| 39 | Synthesis of new asparagine-based glycopeptides for future scanning tunneling microscopy investigations. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 888-894. | 2.2 | 5 |
| 40 | Synthesis of aromatic glycoconjugates. Building blocks for the construction of combinatorial glycopeptide libraries. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2453-2460. | 2.2 | 4 |
| 41 | Synthesis of Octaglycosylated Zinc(II) Phthalocyanines. <i>Synthesis</i> , 2010, 2010, 3097-3104. | 2.3 | 3 |
| 42 | Synthesis and NMR studies of malonyl-linked glycoconjugates of <i>N</i> -(2-aminoethyl)glycine. Building blocks for the construction of combinatorial glycopeptide libraries. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1939-1948. | 2.2 | 3 |
| 43 | 2-C-Alkynyl and 2-C-cis-Alkenyl β -2-Mannosides with Acetal Protected β -3-Aldehyde Functionality via 2-Uloside Alkynylation and Lindlar Hydrogenation. <i>MolBank</i> , 2016, 2016, M916. | 0.5 | 2 |
| 44 | Unexpected Formation of Oxetanes during the Synthesis of Dodeco-6,7-diuloses. <i>MolBank</i> , 2020, 2020, M1108. | 0.5 | 2 |
| 45 | Synthesis of Glycoconjugated Phthalonitriles for New Phthalocyanine-Based Photosensitizers. <i>Journal of Carbohydrate Chemistry</i> , 2015, 34, 263-302. | 1.1 | 1 |
| 46 | Carbohydrate-Derived 3,2-Enolones in the Base-Catalyzed Rearrangement to Highly Functionalized <i>C</i> -Quaternary α -Hydroxy- β -cyclopentenones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4490-4499. | 2.4 | 1 |
| 47 | Access to d- and l-Psicose Derivatives via Hydroxy Methylation of Ribono Lactone. <i>MolBank</i> , 2019, 2019, M1096. | 0.5 | 1 |
| 48 | Synthesis of Symmetrical Dodeco-6,7-diuloses. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4347-4360. | 2.4 | 1 |
| 49 | Other Methods for Glycoside Synthesis: Sections 5.3 and 5.4. , 0, , 449-496. | | 0 |
| 50 | An unorthodox hydroxymethylation of MEM-protected glucals. <i>Tetrahedron Letters</i> , 2019, 60, 1441-1442. | 1.4 | 0 |
| 51 | Nonconsensus motif directed chemical synthesis of glutamine-based glycopeptides. <i>Journal of Peptide Science</i> , 2020, 26, e3285. | 1.4 | 0 |