# Anja Hoffmann-RÃ¶der

List of Publications by Year
in descending order



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|---|---|---|---|
| 53 papers | 4,821 citations | 257450 24 h-index | 168389 53 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 3886 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Lanmodulin peptides â€“ unravelling the binding of the EF-Hand loop sequences stripped from the structural corset. Inorganic Chemistry Frontiers, 2022, 9, 4009-4021. | 6.0 | 9 |
| 2 | Transforming Chemical Proteomics Enrichment into a High-Throughput Method Using an SP2E Workflow. Jacs Au, 2022, 2, 1712-1723. | 7.9 | 4 |
| 3 | Optical Control of Cytokine Production Using Photoswitchable Galactosylceramides. Chemistry - A European Journal, 2020, 26, 4476-4479. | 3.3 | 29 |
| 4 | A set of rhamnosylation-specific antibodies enables detection of novel protein glycosylations in bacteria. Organic and Biomolecular Chemistry, 2020, 18, 6823-6828. | 2.8 | 5 |
| 5 | Folding and Unfolding of the Short Light-Triggered Î²-Hairpin Peptide AzoChignolin Occurs within 100 ns. Journal of Physical Chemistry B, 2020, 124, 5113-5121. | 2.6 | 3 |
| 6 | Synthesis of Fluorinated Leishmania Cap Trisaccharides for Diagnostic Tool and Vaccine Development. European Journal of Organic Chemistry, 2018, 2018, 3803-3815. | 2.4 | 18 |
| 7 | Time-resolved infrared studies of the unfolding of a light triggered Î²-hairpin peptide. Chemical Physics, 2018, 512, 116-121. | 1.9 | 12 |
| 8 | Conditional and Reversible Activation of Class A and B G Protein-Coupled Receptors Using Tethered Pharmacology. ACS Central Science, 2018, 4, 166-179. | 11.3 | 27 |
| 9 | Optical control of a receptor-linked guanylyl cyclase using a photoswitchable peptidic hormone. Chemical Science, 2017, 8, 4644-4653. | 7.4 | 23 |
| 10 | Structural Basis for EarP-Mediated Arginine Glycosylation of Translation Elongation Factor EF-P. MBio, 2017, 8, . | 4.1 | 24 |
| 11 | Convenient Access to Diâ€•and TriÂfluoroethylamines for Lead Structure Research. European Journal of Organic Chemistry, 2016, 2016, 930-945. | 2.4 | 6 |
| 12 | One-Pot Synthesis of Functionalized Î²-Fluoroalkylated Mannich-Type Products from N-Aryl N,O-Acetals. Synthesis, 2016, 48, 1167-1176. | 2.3 | 2 |
| 13 | Synthesis of a Fluorinated Sialophorin Hexasaccharideâ€“Threonine Conjugate for Fmoc Solidâ€Phase Glycopeptide Synthesis. European Journal of Organic Chemistry, 2016, 2016, 3709-3720. | 2.4 | 6 |
| 14 | Front Cover: Synthesis of a Fluorinated Sialophorin Hexasaccharide-Threonine Conjugate for Fmoc Solid-Phase Glycopeptide Synthesis (Eur. J. Org. Chem. 22/2016). European Journal of Organic Chemistry, 2016, 2016, 3657-3657. | 2.4 | 0 |
| 15 | One-Pot Synthesis of Substituted Trifluoromethylated 2,3-Dihydro-1H-imidazoles. Organic Letters, 2016, 18, 3474-3477. | 4.6 | 8 |
| 16 | Synthesis and biological evaluation of a novel MUC1 glycopeptide conjugate vaccine candidate comprising a 4â€™-deoxy-4â€™-fluoro-Thomsenâ€“Friedenreich epitope. Beilstein Journal of Organic Chemistry, 2015, 11, 155-161. | 2.2 | 38 |
| 17 | Photocontrolled chignolin-derived Î²-hairpin peptidomimetics. Chemical Communications, 2015, 51, 4001-4004. | 4.1 | 16 |
| 18 | Optical Control of Insulin Secretion Using an Incretin Switch. Angewandte Chemie - International Edition, 2015, 54, 15565-15569. | 13.8 | 80 |

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|---|---|---|---|
| 19 | Synthesis of functionalized Î±-trifluoroethyl amine scaffolds via Grignard addition to N-aryl hemiaminal ethers. RSC Advances, 2014, 4, 9288-9291. | 3.6 | 11 |
| 20 | Designed peptides for biomineral polymorph recognition: a case study for calcium carbonate. Journal of Materials Chemistry B, 2014, 2, 3511-3518. | 5.8 | 14 |
| 21 | Patterned monomolecular films from polymerizable and fluorinated lipids for the presentation of glycosylated lipids. Colloid and Polymer Science, 2014, 292, 1803-1815. | 2.1 | 2 |
| 22 | Antibody Recognition of Fluorinated Haptens and Antigens. Current Topics in Medicinal Chemistry, 2014, 14, 840-854. | 2.1 | 17 |
| 23 | Synthesis of Fluorinated Glycosyl Amino Acid Building Blocks for MUC1 Cancer Vaccine Candidates by Microreactor-Assisted Glycosylation. Journal of Flow Chemistry, 2012, 2, 83-86. | 1.9 | 10 |
| 24 | Antibody recognition of fluorinated MUC1 glycopeptide antigens. Chemical Communications, 2012, 48, 1487-1489. | 4.1 | 48 |
| 25 | Perfluoroalkylated amphiphilic MUC1 glycopeptideantigens as tools for cancer immunotherapy. Chemical Communications, 2011, 47, 382-384. | 4.1 | 9 |
| 26 | Synthesis of a MUC1-glycopeptideâ€“BSA conjugate vaccine bearing the 3â€²-deoxy-3â€²-fluoro-Thomsenâ€“Friedenreich antigen. Chemical Communications, 2011, 47, 9903. | 4.1 | 54 |
| 27 | Synthesis of fluorinated Thomsenâ€“Friedenreich antigens: direct deoxyfluorination of Î±GalNAc-threonine tert-butyl esters. Organic and Biomolecular Chemistry, 2011, 9, 5541. | 2.8 | 16 |
| 28 | Synthesis and Antibody Binding of Highly Fluorinated Amphiphilic MUC1 Glycopeptide Antigens. European Journal of Organic Chemistry, 2011, 2011, 3878-3887. | 2.4 | 6 |
| 29 | Fluorinated Glycosyl Amino Acids for Mucinâ€Like Glycopeptide Antigen Analogues. Chemistry - A European Journal, 2010, 16, 7319-7330. | 3.3 | 51 |
| 30 | Synthetic Antitumor Vaccines from Tetanus Toxoid Conjugates of MUC1 Glycopeptides with the Thomsenâ€“Friedenreich Antigen and a Fluorineâ€Substituted Analogue. Angewandte Chemie - International Edition, 2010, 49, 8498-8503. | 13.8 | 136 |
| 31 | Synthesis of glycosylated Î²3-homo-threonine conjugates for mucin-like glycopeptide antigen analogues. Beilstein Journal of Organic Chemistry, 2010, 6, 47. | 2.2 | 11 |
| 32 | Langmuirâ€’Blodgett Films of Fluorinated Glycolipids and Polymerizable Lipids and Their Phase Separating Behavior. Langmuir, 2010, 26, 18246-18255. | 3.5 | 10 |
| 33 | Synthesis of Fluorinated Analogues of Tumor-Associated Carbohydrate and Glycopeptide Antigens. Synlett, 2009, 2009, 2167-2171. | 1.8 | 6 |
| 34 | Gold catalysis in stereoselective natural product synthesis: (+)-linalool oxide, (â€’)-isocyclocapitelline, and (â€’)-isochrysotricine. Tetrahedron, 2009, 65, 1902-1910. | 1.9 | 57 |
| 35 | Golden opportunities in catalysis. Pure and Applied Chemistry, 2008, 80, 1063-1069. | 1.9 | 105 |
| 36 | Rapid Generation of Molecular Complexity: Synthesis of Î±-Hydroxyallenes Using Functionalized Grignard Reagents. Synlett, 2007, 2007, 0737-0740. | 1.8 | 1 |

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|---|---|---|---|
| 37 | Golden Opportunities in Stereoselective Catalysis: Optimization of Chirality Transfer and Catalyst Efficiency in the Gold-Catalyzed Cycloisomerization of Î±-Hydroxyallenes to 2,5-Dihydrofurans. Synlett, 2007, 2007, 1790-1794. | 1.8 | 18 |
| 38 | Predicting and Tuning Physicochemical Properties in Lead Optimization: Amine Basicities. ChemMedChem, 2007, 2, 1100-1115. | 3.2 | 423 |
| 39 | Multipolar interactions in the D pocket of thrombin: large differences between tricyclic imide and lactam inhibitors. Organic and Biomolecular Chemistry, 2006, 4, 2364-2375. | 2.8 | 29 |
| 40 | A Fluorine Scan at the Catalytic Center of Thrombin: Cï£¿F, Cï£¿OH, and Cï£¿OMe Bioisosterism and Fluorine Effects on pKa and logD Values. ChemMedChem, 2006, 1, 611-621. | 3.2 | 55 |
| 41 | Mapping the Fluorophilicity of a Hydrophobic Pocket: Synthesis and Biological Evaluation of Tricyclic Thrombin Inhibitors Directing Fluorinated Alkyl Groups into the Pâ€...Pocket. ChemMedChem, 2006, 1, 1205-1215. | 3.2 | 26 |
| 42 | Efficient Synthesis of 2-Hydroxy-3,4-dienoates by Oxidation of ZirconiumÂallenyl Enolates with Dimethyldioxirane. Synthesis, 2006, 2006, 2143-2146. | 2.3 | 0 |
| 43 | The golden gate to catalysis. Organic and Biomolecular Chemistry, 2005, 3, 387-391. | 2.8 | 492 |
| 44 | Synthesis and Properties of Allenic Natural Products and Pharmaceuticals. Angewandte Chemie - International Edition, 2004, 43, 1196-1216. | 13.8 | 763 |
| 45 | Synthesis of allenes with organometallic reagents. Tetrahedron, 2004, 60, 11671-11694. | 1.9 | 257 |
| 46 | Nucleophilic trifluoromethylation of cyclic imides using (trifluoromethyl)trimethylsilane CF3SiMe3. Organic and Biomolecular Chemistry, 2004, 2, 2267-2269. | 2.8 | 25 |
| 47 | From Amino Acids To Dihydrofurans: Functionalized Allenes in Modern Organic Synthesis. Synthesis, 2002, 2002, 1759-1774. | 2.3 | 117 |
| 48 | Enantioselective Synthesis of and with Allenes. Angewandte Chemie - International Edition, 2002, 41, 2933. | 13.8 | 151 |
| 49 | Synthesis of Highly Functionalized Propargylic Alcohols: Direct Addition of Epoxy Acetylides to Aldehydes and Ketones. Helvetica Chimica Acta, 2002, 85, 3176-3184. | 1.6 | 5 |
| 50 | Gold(III) Chloride Catalyzed Cyclization of Î±-Hydroxyallenes to 2,5-Dihydrofurans. Organic Letters, 2001, 3, 2537-2538. | 4.6 | 301 |
| 51 | Recent Advances in Catalytic Enantioselective Michael Additions. Synthesis, 2001, 2001, 0171-0196. | 2.3 | 925 |
| 52 | New methods for the stereoselective synthesis of 2-hydroxy-3,4-dienoates and functionalized 2,5-dihydrofurans. Tetrahedron Letters, 2000, 41, 9613-9616. | 1.4 | 36 |
| 53 | Copper-mediated Addition and Substitution Reactions of Extended Multiple Bond Systems. , 0, , 145-166. | | 18 |