

# Tanja Gulder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9512791/publications.pdf>

Version: 2024-02-01

41  
papers

2,779  
citations

304602

22  
h-index

330025

37  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3162  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Atroposelective Total Synthesis of Axially Chiral Biaryl Natural Products. <i>Chemical Reviews</i> , 2011, 111, 563-639.  | 23.0 | 1,085     |
| 2  | Hypervalent iodine(III) fluorinations of alkenes and diazo compounds: new opportunities in fluorination chemistry. <i>Chemical Society Reviews</i> , 2016, 45, 6270-6288.                                 | 18.7 | 215       |
| 3  | Strained cyclophane natural products: Macrocyclization at its limits. <i>Natural Product Reports</i> , 2012, 29, 899.   | 5.2  | 127       |
| 4  | Metal-Free Synthesis of 3,3-Disubstituted Oxindoles by Iodine(III)-Catalyzed Bromocarbocyclizations. <i>Chemistry - A European Journal</i> , 2012, 18, 10834-10838.                                       | 1.7  | 122       |
| 5  | A Fluorination/Aryl Migration/Cyclization Cascade for the Metal-Free Synthesis of Fluoro-Benzoxazepines. <i>Chemistry - A European Journal</i> , 2016, 22, 3660-3664.                                     | 1.7  | 84        |
| 6  | NXS, Morpholine, and HFIP: The Ideal Combination for Biomimetic Haliranium-Induced Polyene Cyclizations. <i>Journal of the American Chemical Society</i> , 2018, 140, 4344-4353.                          | 6.6  | 82        |
| 7  | Ancistrocladinium A and B, the First N,C-Coupled Naphthylidihydroisoquinoline Alkaloids, from a Congolese <i>Ancistrocladus</i> Species. <i>Journal of Organic Chemistry</i> , 2006, 71, 9348-9356.       | 1.7  | 80        |
| 8  | Advances in Iodine(III)-Mediated Halogenations: A Versatile Tool to Explore New Reactivities and Selectivities. <i>Chemistry - A European Journal</i> , 2016, 22, 8728-8739.                              | 1.7  | 79        |
| 9  | Biocatalysis Fueled by Light: On the Versatile Combination of Photocatalysis and Enzymes. <i>ChemBioChem</i> , 2019, 20, 1871-1897.   | 1.3  | 79        |
| 10 | Activities of Naphthylisoquinoline Alkaloids and Synthetic Analogs against <i>Leishmania major</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 188-194.                                    | 1.4  | 77        |
| 11 | The antimicrobial peptide cathelicidin interacts with airway mucus. <i>Peptides</i> , 2006, 27, 3100-3106.  | 1.2  | 76        |
| 12 | Ancisheyneine, the First N,C-Coupled Naphthylisoquinoline Alkaloid: Total Synthesis and Stereochemical Analysis. <i>Organic Letters</i> , 2006, 8, 1037-1040.   | 2.4  | 58        |
| 13 | Halocarbocyclization versus dihalogenation: substituent directed iodine(III) catalyzed halogenations. <i>Chemical Communications</i> , 2014, 50, 3435-3438.   | 2.2  | 56        |
| 14 | Fluorine as a Traceless Directing Group for the Regiodivergent Synthesis of Indoles and Tryptophans. <i>Journal of the American Chemical Society</i> , 2018, 140, 13034-13041.                            | 6.6  | 54        |
| 15 | Total Synthesis of the N,C-Coupled Naphthylisoquinoline Alkaloids Ancistrocladinium A and B and Related Analogues. <i>Journal of the American Chemical Society</i> , 2010, 132, 1151-1158.                | 6.6  | 53        |
| 16 | Atom-Economic Electron Donors for Photobiocatalytic Halogenations. <i>ChemCatChem</i> , 2018, 10, 3960-3963.  | 1.8  | 45        |
| 17 | Six naphthylisoquinoline alkaloids and a related benzopyranone from a Congolese <i>Ancistrocladus</i> species related to <i>Ancistrocladus congolensis</i> . <i>Phytochemistry</i> , 2008, 69, 1065-1075. | 1.4  | 43        |
| 18 | Characterization of a Cyanobacterial Haloperoxidase and Evaluation of its Biocatalytic Halogenation Potential. <i>ChemBioChem</i> , 2016, 17, 2028-2032.  | 1.3  | 42        |



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|----|--|-----|-----------|
| 37 | Directed Synthesis of All Four Pure Stereoisomers of the <i>N</i> , <i>C</i> -Coupled Naphthylisoquinoline Alkaloid Ancistrocladinium A. <i>Organic Letters</i> , 2016, 18, 6508-6511. | 2.4 | 5         |
| 38 | Hypervalent Iodine Fluorination for Preparing Alkyl Fluorides (Stoichiometrically and Catalytically). , 2018, , 1-32.  |     | 4         |
| 39 | Chemistry in Stereo: The 49th BÃ¼rgenstock Conference. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9418-9420.   | 7.2 | 0         |
| 40 | Peptidic catalysts for macrocycle synthesis. <i>Science</i> , 2019, 366, 1454-1454.  | 6.0 | 0         |
| 41 | Hypervalent Iodine Fluorination for Preparing Alkyl Fluorides (Stoichiometrically and Catalytically). , 2020, , 396-427.   |     | 0         |