

# Tanja Gulder

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9512791/tanja-gulder-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

38  
papers

2,131  
citations

21  
h-index

46  
g-index

48  
ext. papers

2,447  
ext. citations

10.5  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
38	Atroposelective total synthesis of axially chiral biaryl natural products. <i>Chemical Reviews</i> , <b>2011</b> , 111, 563-639	68.1	847
37	Hypervalent iodine(III) fluorinations of alkenes and diazo compounds: new opportunities in fluorination chemistry. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 6270-6288	58.5	151
36	Metal-free synthesis of 3,3-disubstituted oxoindoles by iodine(III)-catalyzed bromocarbocyclizations. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 10834-8	4.8	108
35	Strained cyclophane natural products: macrocyclization at its limits. <i>Natural Product Reports</i> , <b>2012</b> , 29, 899-934	15.1	93
34	The antimicrobial peptide cathelicidin interacts with airway mucus. <i>Peptides</i> , <b>2006</b> , 27, 3100-6	3.8	66
33	Advances in Iodine(III)-Mediated Halogenations: A Versatile Tool to Explore New Reactivities and Selectivities. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 8728-39	4.8	65
32	Activities of naphthylisoquinoline alkaloids and synthetic analogs against <i>Leishmania major</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 188-94	5.9	64
31	Ancistrocladinium A and B, the first N,C-coupled naphthylidihydroisoquinoline alkaloids, from a Congolese ancistrocladus species. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 9348-56	4.2	64
30	A Fluorination/Aryl Migration/Cyclization Cascade for the Metal-Free Synthesis of Fluoro-Benzoxazepines. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3660-4	4.8	62
29	NXS, Morpholine, and HFIP: The Ideal Combination for Biomimetic Haliranium-Induced Polyene Cyclizations. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 4344-4353	16.4	56
28	Ancisheynine, the first n,c-coupled naphthylisoquinoline alkaloid: total synthesis and stereochemical analysis. <i>Organic Letters</i> , <b>2006</b> , 8, 1037-40	6.2	52
27	Halocarbocyclization versus dihalogenation: substituent directed iodine(III) catalyzed halogenations. <i>Chemical Communications</i> , <b>2014</b> , 50, 3435-8	5.8	47
26	Biocatalysis Fueled by Light: On the Versatile Combination of Photocatalysis and Enzymes. <i>ChemBioChem</i> , <b>2019</b> , 20, 1871-1897	3.8	43
25	Total synthesis of the N,C-coupled naphthylisoquinoline alkaloids ancistrocladinium A and B and related analogues. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1151-8	16.4	43
24	Atom-Economic Electron Donors for Photobiocatalytic Halogenations. <i>ChemCatChem</i> , <b>2018</b> , 10, 3960-3963	3.8	38
23	Six naphthylisoquinoline alkaloids and a related benzopyranone from a Congolese Ancistrocladus species related to <i>Ancistrocladus congolensis</i> . <i>Phytochemistry</i> , <b>2008</b> , 69, 1065-75	4	36
22	Fluorine as a Traceless Directing Group for the Regiodivergent Synthesis of Indoles and Tryptophans. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13034-13041	16.4	35

21	Structure-activity relationship and studies on the molecular mechanism of leishmanicidal N,C-coupled arylisoquinolinium salts. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 626-36	8.3	31
20	Characterization of a Cyanobacterial Haloperoxidase and Evaluation of its Biocatalytic Halogenation Potential. <i>ChemBioChem</i> , <b>2016</b> , 17, 2028-2032	3.8	30
19	Iodine(III)-catalyzed rearrangements of imides: a versatile route to $\alpha$ -alkylated $\beta$ -hydroxy carboxylamides. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1444-8	4.8	27
18	Biosynthesis of the isoprenoid moieties of furanonaphthoquinone I and endophenazine A in <i>Streptomyces cinnamomensis</i> DSM 1042. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 4198-204	4.2	25
17	Polyketide folding in higher plants: biosynthesis of the phenylanthraquinone knipholone. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 3247-52	4.2	20
16	Iodine(III)-Catalyzed Cascade Reactions Enabling a Direct Access to $\beta$ -Lactams and $\beta$ -Hydroxy- $\beta$ -amino Acids. <i>Organic Letters</i> , <b>2016</b> , 18, 3466-9	6.2	18
15	Hypervalent Fluoroiodane-Triggered Synthesis of Fluoro-Azabenzoxazepines and Azaindoles. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 2615-2621	3.2	15
14	Nanoparticles and peptides: a fruitful liaison for biomimetic catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 11202-4	16.4	14
13	Biosynthesis of clorobiocin: investigation of the transfer and methylation of the pyrrolyl-2-carboxyl moiety. <i>Archives of Microbiology</i> , <b>2007</b> , 187, 227-37	3	14
12	Exploration of the Bis(thio)urea-Catalyzed Atropselective Synthesis of Marinopyrrole A. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 2170-2176	3.2	13
11	$\beta$ -Functionalization of Ketones via a Nitrogen Directed Oxidative Umpolung. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 20577-20582	16.4	12
10	Structure of a putative fluorinated natural product from <i>Streptomyces</i> sp. TC1. <i>Journal of Natural Products</i> , <b>2014</b> , 77, 2331-4	4.9	10
9	Alterations to the structure of <i>Leishmania major</i> induced by N-arylisquinolines correlate with compound accumulation and disposition. <i>Journal of Medical Microbiology</i> , <b>2010</b> , 59, 69-75	3.2	8
8	QSAR guided synthesis of simplified antiplasmodial analogs of naphthylisoquinoline alkaloids. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 5370-83	6.8	8
7	3D-Non-destructive Imaging through Heavy-Metal Eosin Salt Contrast Agents. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 4561-4566	4.8	4
6	Directed Synthesis of All Four Pure Stereoisomers of the N,C-Coupled Naphthylisoquinoline Alkaloid Ancistrocladinium A. <i>Organic Letters</i> , <b>2016</b> , 18, 6508-6511	6.2	3
5	Quarternary $\beta$ -cyanobenzylsulfonamides: A new subclass of CAA fungicides with excellent anti-Oomycetes activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 30, 115965	3.4	3
4	Biosynthesis of cyanobacterin, a paradigm for furanolide core structure assembly. <i>Nature Chemical Biology</i> , <b>2022</b> , 18, 652-658	11.7	0

- 3 Chemistry in stereo: the 49th B $\ddot{u}$ rgenstock Conference. *Angewandte Chemie - International Edition*, **2014**, 53, 9418-20 16.4
- 2 Chemie in Stereo: die 49. B $\ddot{u}$ rgenstock-Konferenz. *Angewandte Chemie*, **2014**, 126, 9572-9574 3.6
- 1 Peptidic catalysts for macrocycle synthesis. *Science*, **2019**, 366, 1454 33.3