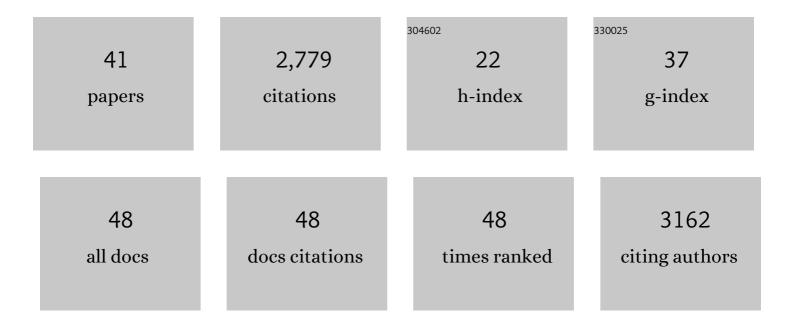
## Tanja Gulder

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9512791/publications.pdf Version: 2024-02-01



TANIA CHIDER

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

Tanja Gulder

#	Article	IF	CITATIONS
19	Structureâ^'Activity Relationship and Studies on the Molecular Mechanism of Leishmanicidal <i>N</i> , <i>C</i> -Coupled Arylisoquinolinium Salts. Journal of Medicinal Chemistry, 2009, 52, 626-636.	2.9	39
20	lodine(III) atalyzed Rearrangements of Imides: A Versatile Route to α,αâ€Đialkylated αâ€Hydroxy Carboxylamides. Chemistry - A European Journal, 2015, 21, 1444-1448.	1.7	32
21	Biosynthesis of the Isoprenoid Moieties of Furanonaphthoquinone I and Endophenazine A in Streptomyces cinnamonensis DSM 1042. Journal of Organic Chemistry, 2007, 72, 4198-4204.	1.7	28
22	α-Functionalization of Ketones via a Nitrogen Directed Oxidative Umpolung. Journal of the American Chemical Society, 2020, 142, 20577-20582.	6.6	27
23	Polyketide Folding in Higher Plants:Â Biosynthesis of the Phenylanthraquinone Knipholone. Journal of Organic Chemistry, 2007, 72, 3247-3252.	1.7	21
24	lodine(III)-Catalyzed Cascade Reactions Enabling a Direct Access to β-Lactams and α-Hydroxy-β-amino Acids. Organic Letters, 2016, 18, 3466-3469.	2.4	21
25	Hypervalent Fluoroiodaneâ€Triggered Synthesis of Fluoroâ€Azabenzoxazepines and Azaindoles. European Journal of Organic Chemistry, 2018, 2018, 2615-2621.	1.2	20
26	Exploration of the Bis(thio)urea atalyzed Atropselective Synthesis of Marinopyrrole A. European Journal of Organic Chemistry, 2016, 2016, 2170-2176.	1.2	18
27	On-the-Fly Mass Spectrometry in Digital Microfluidics Enabled by a Microspray Hole: Toward Multidimensional Reaction Monitoring in Automated Synthesis Platforms. Journal of the American Chemical Society, 2022, 144, 10353-10360.	6.6	16
28	Biosynthesis of clorobiocin: investigation of the transfer and methylation of the pyrrolyl-2-carboxyl moiety. Archives of Microbiology, 2007, 187, 227-237.	1.0	14
29	Nanoparticles and Peptides: A Fruitful Liaison for Biomimetic Catalysis. Angewandte Chemie - International Edition, 2012, 51, 11202-11204.	7.2	14
30	Structure of a Putative Fluorinated Natural Product from <i>Streptomyces</i> sp. TC1. Journal of Natural Products, 2014, 77, 2331-2334.	1.5	12
31	Synthesis, Anticancer Potential and Comprehensive Toxicity Studies of Novel Brominated Derivatives of Bacterial Biopigment Prodigiosin from Serratia marcescens ATCC 27117. Molecules, 2022, 27, 3729.	1.7	12
32	QSAR guided synthesis of simplified antiplasmodial analogs of naphthylisoquinoline alkaloids. European Journal of Medicinal Chemistry, 2010, 45, 5370-5383.	2.6	9
33	Alterations to the structure of Leishmania major induced by N-arylisoquinolines correlate with compound accumulation and disposition. Journal of Medical Microbiology, 2010, 59, 69-75.	0.7	9
34	3Dâ€Nonâ€destructive Imaging through Heavyâ€Metal Eosin Salt Contrast Agents. Chemistry - A European Journal, 2021, 27, 4561-4566.	1.7	7
35	Biosynthesis of cyanobacterin, a paradigm for furanolide core structure assembly. Nature Chemical Biology, 2022, 18, 652-658.	3.9	7
36	Quarternary α-cyanobenzylsulfonamides: A new subclass of CAA fungicides with excellent anti-Oomycetes activity. Bioorganic and Medicinal Chemistry, 2021, 30, 115965.	1.4	6

Tanja Gulder

#	Article	IF	CITATIONS
37	Directed Synthesis of All Four Pure Stereoisomers of the <i>N</i> , <i>C</i> -Coupled Naphthylisoquinoline Alkaloid Ancistrocladinium A. Organic Letters, 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 Bürgenstock Conference. Angewandte Chemie - International Edition, 2014, 53, 9418-9420.	7.2	0
40	Peptidic catalysts for macrocycle synthesis. Science, 2019, 366, 1454-1454.	6.0	0
41	Hypervalent Iodine Fluorination for Preparing Alkyl Fluorides (Stoichiometrically and Catalytically). , 2020, , 396-427.		0