

Tanja Gulder

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9512791/tanja-gulder-publications-by-year.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	Biosynthesis of cyanobacterin, a paradigm for furanolid core structure assembly. <i>Nature Chemical Biology</i> , 2022 , 18, 652-658	11.7	0
37	3D-Non-destructive Imaging through Heavy-Metal Eosin Salt Contrast Agents. <i>Chemistry - A European Journal</i> , 2021 , 27, 4561-4566	4.8	4
36	Quarternary Cyanobenzylsulfonamides: A new subclass of CAA fungicides with excellent anti-Oomycetes activity. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 30, 115965	3.4	3
35	Functionalization of Ketones via a Nitrogen Directed Oxidative Umpolung. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20577-20582	16.4	12
34	Biocatalysis Fueled by Light: On the Versatile Combination of Photocatalysis and Enzymes. <i>ChemBioChem</i> , 2019 , 20, 1871-1897	3.8	43
33	Peptidic catalysts for macrocycle synthesis. <i>Science</i> , 2019 , 366, 1454	33.3	
32	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	16.4	56
31	Hypervalent Fluoroiodane-Triggered Synthesis of Fluoro-Azabenzoxazepines and Azaindoles. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 2615-2621	3.2	15
30	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	16.4	35
29	Atom-Economic Electron Donors for Photobiocatalytic Halogenations. <i>ChemCatChem</i> , 2018 , 10, 3960-3963	3.8	38
28	Characterization of a Cyanobacterial Haloperoxidase and Evaluation of its Biocatalytic Halogenation Potential. <i>ChemBioChem</i> , 2016 , 17, 2028-2032	3.8	30
27	Hypervalent iodine(iii) fluorinations of alkenes and diazo compounds: new opportunities in fluorination chemistry. <i>Chemical Society Reviews</i> , 2016 , 45, 6270-6288	58.5	151
26	Exploration of the Bis(thio)urea-Catalyzed Atropselective Synthesis of Marinopyrrole A. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2170-2176	3.2	13
25	Advances in Iodine(III)-Mediated Halogenations: A Versatile Tool to Explore New Reactivities and Selectivities. <i>Chemistry - A European Journal</i> , 2016 , 22, 8728-39	4.8	65
24	A Fluorination/Aryl Migration/Cyclization Cascade for the Metal-Free Synthesis of Fluoro-Benzoxazepines. <i>Chemistry - A European Journal</i> , 2016 , 22, 3660-4	4.8	62
23	Iodine(III)-Catalyzed Cascade Reactions Enabling a Direct Access to β -Lactams and β -Hydroxy- β -amino Acids. <i>Organic Letters</i> , 2016 , 18, 3466-9	6.2	18
22	Directed Synthesis of All Four Pure Stereoisomers of the N,C-Coupled Naphthylisoquinoline Alkaloid Ancistrocladinium A. <i>Organic Letters</i> , 2016 , 18, 6508-6511	6.2	3

21	Iodine(III)-catalyzed rearrangements of imides: a versatile route to α -dialkylated β -hydroxy carboxylamides. <i>Chemistry - A European Journal</i> , 2015 , 21, 1444-8	4.8	27
20	Structure of a putative fluorinated natural product from <i>Streptomyces</i> sp. TC1. <i>Journal of Natural Products</i> , 2014 , 77, 2331-4	4.9	10
19	Chemistry in stereo: the 49th B \ddot{u} rgenstock Conference. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9418-20	16.4	
18	Halocarbo-cyclization versus dihalogenation: substituent directed iodine(III) catalyzed halogenations. <i>Chemical Communications</i> , 2014 , 50, 3435-8	5.8	47
17	Chemie in Stereo: die 49. B \ddot{u} rgenstock-Konferenz. <i>Angewandte Chemie</i> , 2014 , 126, 9572-9574	3.6	
16	Nanoparticles and peptides: a fruitful liaison for biomimetic catalysis. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11202-4	16.4	14
15	Strained cyclophane natural products: macrocyclization at its limits. <i>Natural Product Reports</i> , 2012 , 29, 899-934	15.1	93
14	Metal-free synthesis of 3,3-disubstituted oxoindoles by iodine(III)-catalyzed bromocarbo-cyclizations. <i>Chemistry - A European Journal</i> , 2012 , 18, 10834-8	4.8	108
13	Atroposelective total synthesis of axially chiral biaryl natural products. <i>Chemical Reviews</i> , 2011 , 111, 563-639	68.1	847
12	Alterations to the structure of <i>Leishmania major</i> induced by N-arylisoquinolines correlate with compound accumulation and disposition. <i>Journal of Medical Microbiology</i> , 2010 , 59, 69-75	3.2	8
11	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, 1151-8	16.4	43
10	QSAR guided synthesis of simplified antiplasmodial analogs of naphthylisoquinoline alkaloids. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5370-83	6.8	8
9	Structure-activity relationship and studies on the molecular mechanism of leishmanicidal N,C-coupled arylisoquinolinium salts. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 626-36	8.3	31
8	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, 1065-75	4	36
7	Biosynthesis of the isoprenoid moieties of furanonaphthoquinone I and endophenazine A in <i>Streptomyces cinnamomensis</i> DSM 1042. <i>Journal of Organic Chemistry</i> , 2007 , 72, 4198-204	4.2	25
6	Polyketide folding in higher plants: biosynthesis of the phenylanthraquinone knipholone. <i>Journal of Organic Chemistry</i> , 2007 , 72, 3247-52	4.2	20
5	Biosynthesis of clorobiocin: investigation of the transfer and methylation of the pyrrolyl-2-carboxyl moiety. <i>Archives of Microbiology</i> , 2007 , 187, 227-37	3	14
4	Activities of naphthylisoquinoline alkaloids and synthetic analogs against <i>Leishmania major</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 188-94	5.9	64

- | | | | |
|---|---|-----|----|
| 3 | Ancisheynine, the first n,c-coupled naphthylisoquinoline alkaloid: total synthesis and stereochemical analysis. <i>Organic Letters</i> , 2006 , 8, 1037-40 | 6.2 | 52 |
| 2 | Ancistrocladinium A and B, the first N,C-coupled naphthylidihydroisoquinoline alkaloids, from a Congolese ancistrocladus species. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9348-56 | 4.2 | 64 |
| 1 | The antimicrobial peptide cathelicidin interacts with airway mucus. <i>Peptides</i> , 2006 , 27, 3100-6 | 3.8 | 66 |