Christel Brunschwig

List of Publications by Year
in descending order

26	544	687363 13	642732 23
papers	citations	h-index	g-index

28	28	28	957
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pyrrolo[3,4-c]pyridine-1,3(2H)-diones: A Novel Antimycobacterial Class Targeting Mycobacterial Respiration. Journal of Medicinal Chemistry, 2015, 58, 9371-9381.	6.4	74
2	Are plant lipases a promising alternative to catalyze transesterification for biodiesel production?. Progress in Energy and Combustion Science, 2013, 39, 441-456.	31.2	54
3	UCT943, a Next-Generation Plasmodium falciparum PI4K Inhibitor Preclinical Candidate for the Treatment of Malaria. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	40
4	Identification, Characterization, and Optimization of 2,8-Disubstituted-1,5-naphthyridines as Novel Plasmodium falciparum Phosphatidylinositol-4-kinase Inhibitors with in Vivo Efficacy in a Humanized Mouse Model of Malaria. Journal of Medicinal Chemistry, 2018, 61, 5692-5703.	6.4	40
5	Antimalarial Pyrido[1,2-a]benzimidazoles: Lead Optimization, Parasite Life Cycle Stage Profile, Mechanistic Evaluation, Killing Kinetics, and in Vivo Oral Efficacy in a Mouse Model. Journal of Medicinal Chemistry, 2017, 60, 1432-1448.	6.4	36
6	A Novel Pyrazolopyridine with in Vivo Activity in Plasmodium berghei- and Plasmodium falciparum-Infected Mouse Models from Structureâ€“Activity Relationship Studies around the Core of Recently Identified Antimalarial Imidazopyridazines. Journal of Medicinal Chemistry, 2015, 58, 8713-8722.	6.4	32
7	Optimization of a DNA Nicking Assay to Evaluate Oenocarpus bataua and Camellia sinensis Antioxidant Capacity. International Journal of Molecular Sciences, 2014, 15, 18023-18039.	4.1	26
8	Novel Antitubercular 6-Dialkylaminopyrimidine Carboxamides from Phenotypic Whole-Cell High Throughput Screening of a SoftFocus Library: Structureâ€“Activity Relationship and Target Identification Studies. Journal of Medicinal Chemistry, 2017, 60, 10118-10134.	6.4	22
9	Antimalarial Pyrido[1,2-a]benzimidazole Derivatives with Mannich Base Side Chains: Synthesis, Pharmacological Evaluation, and Reactive Metabolite Trapping Studies. ACS Infectious Diseases, 2019, 5, 372-384.	3.8	22
10	Identification of Fast-Acting 2,6-Disubstituted Imidazopyridines That Are Efficacious in the in Vivo Humanized Plasmodium falciparum NODscidIL2RÎ³^{null} Mouse Model of Malaria. Journal of Medicinal Chemistry, 2018, 61, 4213-4227.	6.4	19
11	Potent Plasmodium falciparum gametocytocidal compounds identified by exploring the kinase inhibitor chemical space for dual active antimalarials. Journal of Antimicrobial Chemotherapy, 2018, 73, 1279-1290.	3.0	19
12	Volatile composition and sensory properties of Vanilla Ã—tahitensis bring new insights for vanilla quality control. Journal of the Science of Food and Agriculture, 2016, 96, 848-858.	3.5	16
13	Antischistosomal Activity of Pyrido[1,2-a]benzimidazole Derivatives and Correlation with Inhibition of Î²-Hematin Formation. ACS Infectious Diseases, 2017, 3, 411-420.	3.8	15
14	Chemical Composition and Antioxidant Activity of Euterpe oleracea Roots and Leaflets. International Journal of Molecular Sciences, 2017, 18, 61.	4.1	13
15	Intestinal Transport Characteristics and Metabolism of C-Glucosyl Dihydrochalcone, Aspalathin. Molecules, 2017, 22, 554.	3.8	12
16	Evaluation of Chemical Variability of Cured Vanilla Beans (Vanilla tahitensisandVanilla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	0.5	11
17	Oenocarpus bacaba and Oenocarpus bataua Leaflets and Roots: A New Source of Antioxidant Compounds. International Journal of Molecular Sciences, 2016, 17, 1014.	4.1	11
18	Identification of 2,4-Disubstituted Imidazopyridines as Hemozoin Formation Inhibitors with Fast-Killing Kinetics and In Vivo Efficacy in the Plasmodium falciparum NSG Mouse Model. Journal of Medicinal Chemistry, 2020, 63, 13013-13030.	6.4	11

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19	Identification and Profiling of a Novel Diazaspiro[3.4]octane Chemical Series Active against Multiple Stages of the Human Malaria Parasite Plasmodium falciparum and Optimization Efforts. Journal of Medicinal Chemistry, 2021, 64, 2291-2309.	6.4	11
20	Benzoheterocyclic Oxime Carbamates Active against Mycobacterium tuberculosis: Synthesis, Structureâ€“Activity Relationship, Metabolism, and Biology Triaging. Journal of Medicinal Chemistry, 2021, 64, 9444-9457.	6.4	10
21	Antimalarial Lead-Optimization Studies on a 2,6-Imidazopyridine Series within a Constrained Chemical Space To Circumvent Atypical Doseâ€“Response Curves against Multidrug Resistant Parasite Strains. Journal of Medicinal Chemistry, 2018, 61, 9371-9385.	6.4	9
22	Antitubercular 2-Pyrazolylpyrimidinones: Structureâ€“Activity Relationship and Mode-of-Action Studies. Journal of Medicinal Chemistry, 2021, 64, 719-740.	6.4	9
23	Assessing the Enzyme Activity of Different Plant Extracts of Biomasses from Sub-Saharan Africa for Ethyl Biodiesel Production. Energy & Fuels, 2016, 30, 2356-2364.	5.1	8
24	Evaluation of chemical variability of cured vanilla beans (Vanilla tahitensis and Vanilla planifolia). Natural Product Communications, 2009, 4, 1393-400.	0.5	6
25	Investigating Sulfoxide-to-Sulfone Conversion as a Prodrug Strategy for a Phosphatidylinositol 4-Kinase Inhibitor in a Humanized Mouse Model of Malaria. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	5
26	Phenolic Profiling for Traceability of Vanilla Ã—tahitensis. Frontiers in Plant Science, 2017, 8, 1746.	3.6	4