

# Katja Stefan

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,130  
citations

516561

16  
h-index

610775

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural feature-driven pattern analysis for multitarget modulator landscapes. <i>Bioinformatics</i> , 2022, 38, 1385-1392.	1.8	13
2	Physicochemistry shapes bioactivity landscape of pan-ABC transporter modulators: Anchor point for innovative Alzheimer's disease therapeutics. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 775-791.	3.6	12
3	Scaffold fragmentation and substructure hopping reveal potential, robustness, and limits of computer-aided pattern analysis (C@PA). <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3269-3283.	1.9	12
4	Rational drug design of 6-substituted 4-anilino-2-phenylpyrimidines for exploration of novel ABCG2 binding site. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113045.	2.6	17
5	C@PA: Computer-Aided Pattern Analysis to Predict Multitarget ABC Transporter Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3350-3366.	2.9	18
6	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (edition	4.3	1,430
7	Binding mode analysis of ABCA7 for the prediction of novel Alzheimer's disease therapeutics. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6490-6504.	1.9	10
8	Strategies to gain novel Alzheimer's disease diagnostics and therapeutics using modulators of ABCA transporters.. <i>Free Neuropathology</i> , 2021, 2, .	2.4	9
9	Superior Pyrimidine Derivatives as Selective ABCG2 Inhibitors and Broad-Spectrum ABCB1, ABCC1, and ABCG2 Antagonists. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10412-10432.	2.9	21
10	Using a qPCR device to screen for modulators of ABC transporter activity: A step-by-step protocol. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 104, 106882.	0.3	0
11	The growing evidence for targeting P-glycoprotein in lysosomes to overcome resistance. <i>Future Medicinal Chemistry</i> , 2020, 12, 473-477.	1.1	16
12	Vesicular ATP-binding cassette transporters in human disease: relevant aspects of their organization for future drug development. <i>Future Drug Discovery</i> , 2020, 2, .	0.8	8
13	Small molecule inhibitors of multidrug resistance-associated protein 1 and related processes: A historic approach and recent advances. <i>Medicinal Research Reviews</i> , 2019, 39, 176-264.	5.0	50
14	Multi-target ABC transporter modulators: what next and where to go?. <i>Future Medicinal Chemistry</i> , 2019, 11, 2353-2358.	1.1	42
15	Identification of Thienopyrimidine Scaffold as an Inhibitor of the ABC Transport Protein ABCC1 (MRP1) and Related Transporters Using a Combined Virtual Screening Approach. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 4383-4400.	2.9	24
16	The Aâ€Bâ€C of small molecule ABC transport protein modulators: From inhibition to activationâ€”a case study of multidrug resistance-associated protein 1 (ABCC1). <i>Medicinal Research Reviews</i> , 2019, 39, 2031-2081.	5.0	24
17	Novel chalcone and flavone derivatives as selective and dual inhibitors of the transport proteins ABCB1 and ABCG2. <i>European Journal of Medicinal Chemistry</i> , 2019, 164, 193-213.	2.6	39
18	9-Deazapurines as Broad-Spectrum Inhibitors of the ABC Transport Proteins P-Glycoprotein, Multidrug Resistance-Associated Protein 1, and Breast Cancer Resistance Protein. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8758-8780.	2.9	52

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19	Pyrrrolopyrimidine derivatives and purine analogs as novel activators of Multidrug Resistance-associated Protein 1 (MRP1, ABCC1). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 69-79.	1.4	23
20	The combination of quinazoline and chalcone moieties leads to novel potent heterodimeric modulators of breast cancer resistance protein (BCRP/ABCG2). <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 212-229.	2.6	52
21	Pyrrrolopyrimidine Derivatives as Novel Inhibitors of Multidrug Resistance-Associated Protein 1 (MRP1), Tj ETQq1 1 0,784314 ggBT /Over	2.9	44
22	Optimization of Acryloylphenylcarboxamides as Inhibitors of ABCG2 and Comparison with Acryloylphenylcarboxylates. <i>ChemMedChem</i> , 2016, 11, 2547-2558.	1.6	13
23	Synthesis and Investigation of Tetrahydro- $\beta$ -carboline Derivatives as Inhibitors of the Breast Cancer Resistance Protein (ABCG2). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 6121-6135.	2.9	57
24	Synthesis and biological evaluation of flavones and benzoflavones as inhibitors of BCRP/ABCG2. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 115-126.	2.6	83
25	Marilines Aâ€C: Novel Phthalimidines from the Spongeâ€Derived Fungus <i>Stachylidium</i> sp.. <i>Chemistry - A European Journal</i> , 2012, 18, 8827-8834.	1.7	61