Katja Stefan

List of Publications by Year
in descending order

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25	2,130	516710 16	610901 24
papers	citations	h-index	g-index

25	25	25	2894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural feature-driven pattern analysis for multitarget modulator landscapes. Bioinformatics, 2022, 38, 1385-1392.	4.1	13
2	Physicochemistry shapes bioactivity landscape of pan-ABC transporter modulators: Anchor point for innovative Alzheimer's disease therapeutics. International Journal of Biological Macromolecules, 2022, 217, 775-791.	7.5	12
3	Scaffold fragmentation and substructure hopping reveal potential, robustness, and limits of computer-aided pattern analysis (C@PA). Computational and Structural Biotechnology Journal, 2021, 19, 3269-3283.	4.1	12
4	Rational drug design of 6-substituted 4-anilino-2-phenylpyrimidines for exploration of novel ABCG2 binding site. European Journal of Medicinal Chemistry, 2021, 212, 113045.	5.5	17
5	C@PA: Computer-Aided Pattern Analysis to Predict Multitarget ABC Transporter Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 3350-3366.	6.4	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	9.1	1,430
7	Binding mode analysis of ABCA7 for the prediction of novel Alzheimer's disease therapeutics. Computational and Structural Biotechnology Journal, 2021, 19, 6490-6504.	4.1	10
8	Strategies to gain novel Alzheimer's disease diagnostics and therapeutics using modulators of ABCA transporters.. Free Neuropathology, 2021, 2, .	3.0	9
9	Superior Pyrimidine Derivatives as Selective ABCG2 Inhibitors and Broad-Spectrum ABCB1, ABCC1, and ABCG2 Antagonists. Journal of Medicinal Chemistry, 2020, 63, 10412-10432.	6.4	21
10	Using a qPCR device to screen for modulators of ABC transporter activity: A step-by-step protocol. Journal of Pharmacological and Toxicological Methods, 2020, 104, 106882.	0.7	0
11	The growing evidence for targeting P-glycoprotein in lysosomes to overcome resistance. Future Medicinal Chemistry, 2020, 12, 473-477.	2.3	16
12	Vesicular ATP-binding cassette transporters in human disease: relevant aspects of their organization for future drug development. Future Drug Discovery, 2020, 2, .	2.1	8
13	Smallâ€molecule inhibitors of multidrug resistanceâ€associated protein 1 and related processes: A historic approach and recent advances. Medicinal Research Reviews, 2019, 39, 176-264.	10.5	50
14	Multi-target ABC transporter modulators: what next and where to go?. Future Medicinal Chemistry, 2019, 11, 2353-2358.	2.3	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. Journal of Medicinal Chemistry, 2019, 62, 4383-4400.	6.4	24
16	The Aâ€Bâ€C of smallâ€molecule ABC transport protein modulators: From inhibition to activationâ€”a case study of multidrug resistanceâ€associated protein 1 (ABCC1). Medicinal Research Reviews, 2019, 39, 2031-2081.	10.5	24
17	Novel chalcone and flavone derivatives as selective and dual inhibitors of the transport proteins ABCB1 and ABCG2. European Journal of Medicinal Chemistry, 2019, 164, 193-213.	5.5	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. Journal of Medicinal Chemistry, 2017, 60, 8758-8780.	6.4	52

#	ARTICLE	IF	CITATIONS
19	Pyrrolopyrimidine derivatives and purine analogs as novel activators of Multidrug Resistance-associated Protein 1 (MRP1, ABCC1). Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 69-79.	2.6	23
20	The combination of quinazoline and chalcone moieties leads to novel potent heterodimeric modulators of breast cancer resistance protein (BCRP/ABCG2). European Journal of Medicinal Chemistry, 2016, 117, 212-229.	5.5	52
21	Pyrrolopyrimidine Derivatives as Novel Inhibitors of Multidrug Resistance-Associated Protein 1 (MRP1,) Tj ETQq1 1 0.784314 rgBT /Over	6.4	45
22	Optimization of Acryloylphenylcarboxamides as Inhibitors of ABCG2 and Comparison with Acryloylphenylcarboxylates. ChemMedChem, 2016, 11, 2547-2558.	3.2	13
23	Synthesis and Investigation of Tetrahydro-Î²-carboline Derivatives as Inhibitors of the Breast Cancer Resistance Protein (ABCG2). Journal of Medicinal Chemistry, 2016, 59, 6121-6135.	6.4	57
24	Synthesis and biological evaluation of flavones and benzoflavones as inhibitors of BCRP/ABCG2. European Journal of Medicinal Chemistry, 2013, 67, 115-126.	5.5	83
25	Marilines Aâ€“C: Novel Phthalimidines from the Spongeâ€Derived Fungus Stachylidium sp.. Chemistry - A European Journal, 2012, 18, 8827-8834.	3.3	61