Jadel MÃ¼ller Kratz

List of Publications by Year
in descending order

40 papers	1,256 citations	361045 20 h-index	377514 34 g-index
40 all docs	40 docs citations	40 times ranked	2365 citing authors

#	Article	IF	Citations
1	Rosmarinic Acid â€“ Pharmaceutical and Clinical Aspects. Planta Medica, 2016, 82, 388-406.	0.7	154
2	Evaluation of Anti-HSV-2 Activity of Gallic Acid and Pentyl Gallate. Biological and Pharmaceutical Bulletin, 2008, 31, 903-907.	0.6	125
3	Anti-HSV-1 and anti-HIV-1 activity of gallic acid and pentyl gallate. Memorias Do Instituto Oswaldo Cruz, 2008, 103, 437-442.	0.8	101
4	Clinical and pharmacological profile of benznidazole for treatment of Chagas disease. Expert Review of Clinical Pharmacology, 2018, 11, 943-957.	1.3	84
5	In vitro antiviral activity of antimicrobial peptides against herpes simplex virus 1, adenovirus, and rotavirus. Memorias Do Instituto Oswaldo Cruz, 2007, 102, 469-472.	0.8	79
6	Experimentally Validated hERG Pharmacophore Models as Cardiotoxicity Prediction Tools. Journal of Chemical Information and Modeling, 2014, 54, 2887-2901.	2.5	62
7	Drug discovery for chagas disease: A viewpoint. Acta Tropica, 2019, 198, 105107.	0.9	60
8	Natural products modulating the hERG channel: heartaches and hope. Natural Product Reports, 2017, 34, 957-980.	5.2	51
9	In Vitro Antiviral Activity of Marine Sponges Collected Off Brazilian Coast. Biological and Pharmaceutical Bulletin, 2006, 29, 135-140.	0.6	40
10	Strychnos pseudoquinaA. St. Hil.: a Brazilian medicinal plant with promisinginÂvitroantiherpes activity. Journal of Applied Microbiology, 2016, 121, 1519-1529.	1.4	30
11	In vitro testing for genotoxicity of violacein assessed by Comet and Micronucleus assays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 603, 97-103.	0.9	29
12	Anti-inflammatory Effect and Toxicology Analysis of Oral Delivery Quercetin Nanosized Emulsion in Rats. Pharmaceutical Research, 2016, 33, 983-993.	1.7	29
13	Antiherpes Activity and Skin/Mucosa Distribution of Flavonoids fromAchyrocline satureioidesExtract Incorporated into Topical Nanoemulsions. BioMed Research International, 2015, 2015, 1-7.	0.9	28
14	Polyacetylenes from the leaves of Vernonia scorpioides (Asteraceae) and their antiproliferative and antiherpetic activities. Phytochemistry, 2013, 95, 375-383.	1.4	27
15	Inclusion complexes of hydrochlorothiazide and Î²-cyclodextrin: Physicochemical characteristics, in vitro and in vivo studies. European Journal of Pharmaceutical Sciences, 2016, 83, 71-78.	1.9	27
16	Antiherpetic Mechanism of a Sulfated Derivative of <i>Agaricus brasiliensis</i> Fruiting Bodies Polysaccharide. Intervirology, 2014, 57, 375-383.	1.2	26
17	Synergistic Antiproliferative Effects of a New Cucurbitacin B Derivative and Chemotherapy Drugs on Lung Cancer Cell Line A549. Chemical Research in Toxicology, 2015, 28, 1949-1960.	1.7	26
18	Evaluation of antiviral activity in hemolymph from oystersCrassostrea rhizophoraeandCrassostrea gigas. Aquatic Living Resources, 2006, 19, 189-193.	0.5	24

#	Article	IF	Citations
19	Ball-milled solid dispersions of BCS Class IV drugs: Impact on the dissolution rate and intestinal permeability of acyclovir. Materials Science and Engineering C, 2015, 53, 229-238.	3.8	21
20	The translational challenge in Chagas disease drug development. Memorias Do Instituto Oswaldo Cruz, 0, 117, .	0.8	21
21	An HPLC-UV method for the measurement of permeability of marker drugs in the Caco-2 cell assay. Brazilian Journal of Medical and Biological Research, 2011, 44, 531-537.	0.7	20
22	Preparation, Characterization, and In Vitro Intestinal Permeability Evaluation of Thalidomideâ€“Hydroxypropyl-Î²-Cyclodextrin Complexes. AAPS PharmSciTech, 2012, 13, 118-124.	1.5	20
23	hERG Channel Blocking Ipecac Alkaloids Identified by Combined In Silico â€“ In Vitro Screening. Planta Medica, 2016, 82, 1009-1015.	0.7	20
24	Pharmacokinetic study of a carbamazepine nanoemulsion in beagle dogs. International Journal of Pharmaceutics, 2009, 378, 146-148.	2.6	19
25	In vitro intestinal permeability studies, pharmacokinetics and tissue distribution of 6-methylcoumarin after oral and intraperitoneal administration in Wistar rats. Brazilian Journal of Pharmaceutical Sciences, 2017, 53, .	1.2	17
26	Constrained H-Phe-Phe-NH₂ Analogues with High Affinity to the Substance P 1â€“7 Binding Site and with Improved Metabolic Stability and Cell Permeability. Journal of Medicinal Chemistry, 2013, 56, 4953-4965.	2.9	16
27	In Silico Workflow for the Discovery of Natural Products Activating the G Protein-Coupled Bile Acid Receptor 1. Frontiers in Chemistry, 2018, 6, 242.	1.8	16
28	NovozymÂ® 435-catalyzed production of ascorbyl oleate in organic solvent ultrasound-assisted system. Biocatalysis and Agricultural Biotechnology, 2015, 4, 514-520.	1.5	15
29	Exploration and Pharmacokinetic Profiling of Phenylalanine Based Carbamates as Novel Substance P 1â€“7 Analogues. ACS Medicinal Chemistry Letters, 2014, 5, 1272-1277.	1.3	12
30	2-aminobenzimidazoles for leishmaniasis: From initial hit discovery to in vivo profiling. PLoS Neglected Tropical Diseases, 2021, 15, e0009196.	1.3	8
31	Solid dispersions enhance solubility, dissolution, and permeability of thalidomide. Drug Development and Industrial Pharmacy, 2017, 43, 511-518.	0.9	7
32	Chagas Disease Drug Discovery in Latin Americaâ€”A Mini Review of Antiparasitic Agents Explored Between 2010 and 2021. Frontiers in Chemistry, 2021, 9, 771143.	1.8	7
33	Enzymatic synthesis of ascorbyl ester derived from linoleic acid. Bioprocess and Biosystems Engineering, 2017, 40, 265-270.	1.7	6
34	Structure-activity relationship of 4-azaindole-2-piperidine derivatives as agents against Trypanosoma cruzi. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126779.	1.0	6
35	Oral saquinavir mesylate solid dispersions: In vitro dissolution, Caco-2 cell model permeability and in vivo absorption studies. Powder Technology, 2015, 269, 200-206.	2.1	5
36	Chemical Constituents and Pharmacology properties of Aristolochia triangularis: a south brazilian highly-consumed botanical with multiple bioactivities. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180621.	0.3	5

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37	Hit-to-lead optimization of a benzene sulfonamide series for potential antileishmanial agents. RSC Medicinal Chemistry, 2020, 11, 1267-1274.	1.7	5
38	Pharmacokinetics of hERG Channel Blocking Voacangine in Wistar Rats Applying a Validated LC-ESI-MS/MS Method. Planta Medica, 2016, 82, 1030-1038.	0.7	4
39	Pharmacokinetics of Saquinavir Mesylate from Oral Self-Emulsifying Lipid-Based Delivery Systems. European Journal of Drug Metabolism and Pharmacokinetics, 2017, 42, 135-141.	0.6	4
40	Pharmacophore-based virtual screening as a prioritization tool to assess mechanism-based cardiotoxic effects of small organic molecules. Toxicology Letters, 2013, 221, S84.	0.4	0