

Robert S Jansen

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,064
citations

279798

23
h-index

265206

42
g-index

51
all docs

51
docs citations

51
times ranked

2897
citing authors

#	ARTICLE	IF	CITATIONS
1	Activity-based annotation: the emergence of systems biochemistry. <i>Trends in Biochemical Sciences</i> , 2022, 47, 785-794.	7.5	8
2	CinA mediates multidrug tolerance in <i>Mycobacterium tuberculosis</i> . <i>Nature Communications</i> , 2022, 13, 2203.	12.8	22
3	An exercise-inducible metabolite that suppresses feeding and obesity. <i>Nature</i> , 2022, 606, 785-790.	27.8	96
4	Whole Cell Active Inhibitors of Mycobacterial Lipoamide Dehydrogenase Afford Selectivity over the Human Enzyme through Tight Binding Interactions. <i>ACS Infectious Diseases</i> , 2021, 7, 435-444.	3.8	1
5	A novel methoxydrotrophic metabolism discovered in the hyperthermophilic archaeon <i>Archaeoglobus fulgidus</i> . <i>Environmental Microbiology</i> , 2021, 23, 4017-4033.	3.8	10
6	Multiform antimicrobial resistance from a metabolic mutation. <i>Science Advances</i> , 2021, 7, .	10.3	25
7	Multiple acyl-CoA dehydrogenase deficiency kills <i>Mycobacterium tuberculosis</i> in vitro and during infection. <i>Nature Communications</i> , 2021, 12, 6593.	12.8	11
8	Depletion of the DarG antitoxin in <i>Mycobacterium tuberculosis</i> triggers the DNA damage response and leads to cell death. <i>Molecular Microbiology</i> , 2020, 114, 641-652.	2.5	24
9	The membrane protein ANKH is crucial for bone mechanical performance by mediating cellular export of citrate and ATP. <i>PLoS Genetics</i> , 2020, 16, e1008884.	3.5	45
10	Dissociation of Adaptive Thermogenesis from Glucose Homeostasis in Microbiome-Deficient Mice. <i>Cell Metabolism</i> , 2020, 31, 592-604.e9.	16.2	54
11	Aspartate aminotransferase Rv3722c governs aspartate-dependent nitrogen metabolism in <i>Mycobacterium tuberculosis</i> . <i>Nature Communications</i> , 2020, 11, 1960.	12.8	44
12	Title is missing!. , 2020, 16, e1008884.		0
13	Title is missing!. , 2020, 16, e1008884.		0
14	Title is missing!. , 2020, 16, e1008884.		0
15	Title is missing!. , 2020, 16, e1008884.		0
16	Verapamil Targets Membrane Energetics in <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	79
17	Fumarase Deficiency Causes Protein and Metabolite Succination and Intoxicates <i>Mycobacterium tuberculosis</i> . <i>Cell Chemical Biology</i> , 2017, 24, 306-315.	5.2	44
18	Metabolic Perspectives on Persistence. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	14

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19	Emerging Approaches to Tuberculosis Drug Development: At Home in the Metabolome. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 393-405.	8.7	22
20	Metabolite profiling of the multiple tyrosine kinase inhibitor lenvatinib: a cross-species comparison. <i>Investigational New Drugs</i> , 2016, 34, 300-318.	2.6	12
21	<sc>MRP</sc>1 mediates folate transport and antifolate sensitivity in <i>Plasmodium falciparum</i>. <i>FEBS Letters</i> , 2016, 590, 482-492.	2.8	13
22	<i>N</i>-lactoyl-amino acids are ubiquitous metabolites that originate from CNDP2-mediated reverse proteolysis of lactate and amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6601-6606.	7.1	63
23	ATP-binding Cassette Subfamily C Member 5 (ABCC5) Functions as an Efflux Transporter of Glutamate Conjugates and Analogs. <i>Journal of Biological Chemistry</i> , 2015, 290, 30429-30440.	3.4	47
24	Incorporation of concentration data below the limit of quantification in population pharmacokinetic analyses. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00131.	2.4	127
25	ABCC6-Mediated ATP Secretion by the Liver Is the Main Source of the Mineralization Inhibitor Inorganic Pyrophosphate in the Systemic Circulation-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1985-1989.	2.4	246
26	ABCC6 prevents ectopic mineralization seen in pseudoxanthoma elasticum by inducing cellular nucleotide release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20206-20211.	7.1	218
27	Mass Balance Study of [¹⁴ C]Eribulin in Patients with Advanced Solid Tumors. <i>Drug Metabolism and Disposition</i> , 2012, 40, 313-321.	3.3	27
28	Metabolite Profiling of Bendamustine in Urine of Cancer Patients after Administration of [¹⁴ C]Bendamustine. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1297-1307.	3.3	9
29	Decitabine triphosphate levels in peripheral blood mononuclear cells from patients receiving prolonged low-dose decitabine administration: a pilot study. <i>Cancer Chemotherapy and Pharmacology</i> , 2012, 69, 1457-1466.	2.3	18
30	Gene polymorphisms, pharmacokinetics, and hematological toxicity in advanced non-small-cell lung cancer patients receiving cisplatin/gemcitabine. <i>Cancer Chemotherapy and Pharmacology</i> , 2012, 69, 25-33.	2.3	27
31	Phase I Study of Oral Gemcitabine Prodrug (LY2334737) Alone and in Combination with Erlotinib in Patients with Advanced Solid Tumors. <i>Clinical Cancer Research</i> , 2011, 17, 6071-6082.	7.0	44
32	Deoxyuridine analog nucleotides in deoxycytidine analog treatment: secondary active metabolites?. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 172-185.	1.9	12
33	Mass spectrometry in the quantitative analysis of therapeutic intracellular nucleotide analogs. <i>Mass Spectrometry Reviews</i> , 2011, 30, 321-343.	5.4	28
34	Facile Small Scale Synthesis of Nucleoside 5'-Phosphate Mixtures. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010, 29, 14-26.	1.1	6
35	Simultaneous quantification of emtricitabine and tenofovir nucleotides in peripheral blood mononuclear cells using weak anion-exchange liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 621-627.	2.3	23
36	Coadministration of Ritonavir Strongly Enhances the Apparent Oral Bioavailability of Docetaxel in Patients with Solid Tumors. <i>Clinical Cancer Research</i> , 2009, 15, 4228-4233.	7.0	66

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37	Pharmacokinetics of Gemcitabine and Metabolites in a Patient with Double-Sided Nephrectomy: A Case Report and Review of the Literature. <i>Oncologist</i> , 2009, 14, 944-948.	3.7	9
38	Protein versus DNA as a marker for peripheral blood mononuclear cell counting. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 863-867.	3.7	13
39	Simultaneous quantification of 2â€²,2â€²â€²difluorodeoxycytidine and 2â€²,2â€²â€²difluorodeoxyuridine nucleosides and nucleotides in white blood cells using porous graphitic carbon chromatography coupled with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3040-3050.	1.5	23
40	Retention studies of 2â€²,2â€²-difluorodeoxycytidine and 2â€²,2â€²-difluorodeoxyuridine nucleosides and nucleotides on porous graphitic carbon: Development of a liquid chromatographyâ€”tandem mass spectrometry method. <i>Journal of Chromatography A</i> , 2009, 1216, 3168-3174.	3.7	45
41	Contribution of the drug transporter ABCG2 (breast cancer resistance protein) to resistance against anticancer nucleosides. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3092-3102.	4.1	68
42	Oral Administration of Gemcitabine in Patients with Refractory Tumors: A Clinical and Pharmacologic Study. <i>Clinical Cancer Research</i> , 2008, 14, 3477-3486.	7.0	55
43	Development and validation of an assay for the quantitative determination of cladribine nucleotides in MDCKII cells and culture medium using weak anionâ€”exchange liquid chromatography coupled with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 4049-4059.	1.5	20
44	Quantitative analysis of gemcitabine triphosphate in human peripheral blood mononuclear cells using weak anion-exchange liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1633-1642.	1.6	55
45	Pharmacogenetic Screening of CYP3A and ABCB1 in Relation to Population Pharmacokinetics of Docetaxel. <i>Clinical Cancer Research</i> , 2006, 12, 5786-5793.	7.0	115
46	Multidrug Resistance Protein 2 Is an Important Determinant of Paclitaxel Pharmacokinetics. <i>Clinical Cancer Research</i> , 2006, 12, 6125-6132.	7.0	88
47	LC-MS/MS systematic toxicological analysis: Comparison of MS/MS spectra obtained with different instruments and settings. <i>Clinical Biochemistry</i> , 2005, 38, 362-372.	1.9	86