

# Anne T Nies

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/891020/publications.pdf>

Version: 2024-02-01

90  
papers

7,800  
citations

61857

43  
h-index

56606

83  
g-index

95  
all docs

95  
docs citations

95  
times ranked

6998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two experts and a newbie: [18F]PARPi vs [18F]FTT vs [18F]FPyPARP—a comparison of PARP imaging agents. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 834-846.	3.3	10
2	Hepatic Expression of the Na <sup>+</sup> -Taurocholate Cotransporting Polypeptide Is Independent from Genetic Variation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7468.	1.8	6
3	Targeting OCT3 attenuates doxorubicin-induced cardiac injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
4	Characterization of cytochrome P450 (CYP) 2D6 drugs as substrates of human organic cation transporters and multidrug and toxin extrusion proteins. <i>British Journal of Pharmacology</i> , 2021, 178, 1459-1474.	2.7	7
5	Differential <i>in vitro</i> interactions of the Janus kinase inhibitor ruxolitinib with human SLC drug transporters. <i>Xenobiotica</i> , 2021, 51, 467-478.	0.5	3
6	Interaction of Remdesivir with Clinically Relevant Hepatic Drug Uptake Transporters. <i>Pharmaceutics</i> , 2021, 13, 369.	2.0	14
7	Inhibition of organic cation transporter 3 activity by tyrosine kinase inhibitors. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 919-929.	1.0	9
8	Effects of a Common Eight Base Pairs Duplication at the Exon 7-Intron 7 Junction on Splicing, Expression, and Function of OCT1. <i>Frontiers in Pharmacology</i> , 2021, 12, 661480.	1.6	2
9	Genetic and Epigenetic Regulation of Organic Cation Transporters. <i>Handbook of Experimental Pharmacology</i> , 2021, 266, 81-100.	0.9	8
10	Raman Imaging and Fluorescence Lifetime Imaging Microscopy for Diagnosis of Cancer State and Metabolic Monitoring. <i>Cancers</i> , 2021, 13, 5682.	1.7	11
11	Sorafenib Activity and Disposition in Liver Cancer Does Not Depend on Organic Cation Transporter 1. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 227-237.	2.3	23
12	Clinically Relevant OATP2B1 Inhibitors in Marketed Drug Space. <i>Molecular Pharmaceutics</i> , 2020, 17, 488-498.	2.3	9
13	Direct Automated MALDI Mass Spectrometry Analysis of Cellular Transporter Function: Inhibition of OATP2B1 Uptake by 294 Drugs. <i>Analytical Chemistry</i> , 2020, 92, 11851-11859.	3.2	8
14	The Membrane Transporter OAT7 (SLC22A9) Is Not a Susceptibility Factor for Osteoporosis in Europeans. <i>Frontiers in Endocrinology</i> , 2020, 11, 532.	1.5	2
15	Pharmacoresponse in genetic generalized epilepsy: a genome-wide association study. <i>Pharmacogenomics</i> , 2020, 21, 325-335.	0.6	21
16	Testing association of rare genetic variants with resistance to three common antiseizure medications. <i>Epilepsia</i> , 2020, 61, 657-666.	2.6	22
17	Inhibition of organic cation transporter (OCT) activities by carcinogenic heterocyclic aromatic amines. <i>Toxicology in Vitro</i> , 2019, 54, 10-22.	1.1	10
18	Systemic regulation of bilirubin homeostasis: Potential benefits of hyperbilirubinemia. <i>Hepatology</i> , 2018, 67, 1609-1619.	3.6	83

#	ARTICLE	IF	CITATIONS
19	Cellular Uptake of the Atypical Antipsychotic Clozapine Is a Carrier-Mediated Process. <i>Molecular Pharmaceutics</i> , 2018, 15, 3557-3572.	2.3	30
20	Characterization of the breast cancer resistance protein (BCRP/ABCG2) in clear cell renal cell carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 3181-3193.	2.3	40
21	The fruit fly <i>Drosophila melanogaster</i> as an innovative preclinical ADME model for solute carrier membrane transporters, with consequences for pharmacology and drug therapy. <i>Drug Discovery Today</i> , 2018, 23, 1746-1760.	3.2	10
22	OCTN1 Is a High-Affinity Carrier of Nucleoside Analogues. <i>Cancer Research</i> , 2017, 77, 2102-2111.	0.4	41
23	The importance of drug transporter characterization to precision medicine. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017, 13, 361-365.	1.5	9
24	Comment on "Epigenetic activation of the drug transporter OCT2 sensitizes renal cell carcinoma to oxaliplatin". <i>Science Translational Medicine</i> , 2017, 9, .	5.8	4
25	Abstract 5219: Characterization of the breast cancer resistance protein BCRP in clear cell renal cell carcinoma. , 2017, , .		0
26	Structure and function of multidrug and toxin extrusion proteins (MATEs) and their relevance to drug therapy and personalized medicine. <i>Archives of Toxicology</i> , 2016, 90, 1555-1584.	1.9	54
27	Methylomes of renal cell lines and tumors or metastases differ significantly with impact on pharmacogenes. <i>Scientific Reports</i> , 2016, 6, 29930.	1.6	29
28	A phosphotyrosine switch regulates organic cation transporters. <i>Nature Communications</i> , 2016, 7, 10880.	5.8	100
29	Impact of Membrane Drug Transporters on Resistance to Small-Molecule Tyrosine Kinase Inhibitors. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 904-932.	4.0	72
30	Functional characterization of common protein variants in the efflux transporter ABCC11 and identification of T546M as functionally damaging variant. <i>Pharmacogenomics Journal</i> , 2016, 16, 193-201.	0.9	6
31	Development of Human Membrane Transporters: Drug Disposition and Pharmacogenetics. <i>Clinical Pharmacokinetics</i> , 2016, 55, 507-524.	1.6	52
32	Variability in hepatic expression of organic anion transporter 7/SLC22A9, a novel pravastatin uptake transporter: impact of genetic and regulatory factors. <i>Pharmacogenomics Journal</i> , 2016, 16, 341-351.	0.9	34
33	Abstract 257: Evaluation of organic cation transporter 1 (OCT1, SLC22A1) as transporter for sorafenib. , 2016, , .		0
34	Role of ABC Transporters in Fluoropyrimidine-Based Chemotherapy Response. <i>Advances in Cancer Research</i> , 2015, 125, 217-243.	1.9	43
35	Impact of Genetic Polymorphisms of ABCB1 (MDR1, P-Glycoprotein) on Drug Disposition and Potential Clinical Implications: Update of the Literature. <i>Clinical Pharmacokinetics</i> , 2015, 54, 709-735.	1.6	207
36	Stratified medicine for the use of antidiabetic medication in treatment of type 2 diabetes and cancer: where do we go from here?. <i>Journal of Internal Medicine</i> , 2015, 277, 235-247.	2.7	28

#	ARTICLE	IF	CITATIONS
37	MCT4 surpasses the prognostic relevance of the ancillary protein CD147 in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2015, 6, 30615-30627.	0.8	24
38	Differential Expression of Drug Uptake and Efflux Transporters in Japanese Patients with Hepatocellular Carcinoma. <i>Drug Metabolism and Disposition</i> , 2014, 42, 2033-2040.	1.7	38
39	Cellular Uptake of Imatinib into Leukemic Cells Is Independent of Human Organic Cation Transporter 1 (OCT1). <i>Clinical Cancer Research</i> , 2014, 20, 985-994.	3.2	54
40	Genetic Biomarkers in Epilepsy. <i>Neurotherapeutics</i> , 2014, 11, 324-333.	2.1	26
41	Solute carrier transporter and drug-related nephrotoxicity: the impact of proximal tubule cell models for preclinical research. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 395-408.	1.5	40
42	Membrane Transporters. , 2014, , 1-5.		0
43	Membrane Transporters. , 2014, , 2724-2727.		0
44	Genetics is a major determinant of expression of the human hepatic uptake transporter OATP1B1, but not of OATP1B3 and OATP2B1. <i>Genome Medicine</i> , 2013, 5, 1.	3.6	198
45	Metformin and cancer: from the old medicine cabinet to pharmacological pitfalls and prospects. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 126-135.	4.0	150
46	DNA Methylation of the <i>SLC16A3</i> Promoter Regulates Expression of the Human Lactate Transporter MCT4 in Renal Cancer with Consequences for Clinical Outcome. <i>Clinical Cancer Research</i> , 2013, 19, 5170-5181.	3.2	90
47	Histamine transport and metabolism are deranged in salivary glands in Sjogren's syndrome. <i>Rheumatology</i> , 2013, 52, 1599-1608.	0.9	20
48	Human Pregnane X Receptor Genotype of the Donor but Not of the Recipient Is a Risk Factor for Delayed Graft Function After Renal Transplantation. <i>Clinical Pharmacology and Therapeutics</i> , 2012, 91, 905-916.	2.3	17
49	Retigabine/Ezogabine, a KCNQ/K <sub>v</sub> 7 channel opener: pharmacological and clinical data. <i>Expert Opinion on Pharmacotherapy</i> , 2012, 13, 1807-1816.	0.9	35
50	Multidrug and toxin extrusion proteins as transporters of antimicrobial drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012, 8, 1565-1577.	1.5	24
51	Organic Anion Transporters and Their Implications in Pharmacotherapy. <i>Pharmacological Reviews</i> , 2012, 64, 421-449.	7.1	105
52	Mammalian MATE (SLC47A) transport proteins: impact on efflux of endogenous substrates and xenobiotics. <i>Drug Metabolism Reviews</i> , 2011, 43, 499-523.	1.5	59
53	Organic Cation Transporters (OCTs, MATEs), In Vitro and In Vivo Evidence for the Importance in Drug Therapy. <i>Handbook of Experimental Pharmacology</i> , 2011, , 105-167.	0.9	312
54	DNA methylation is associated with downregulation of the organic cation transporter OCT1 (SLC22A1) in human hepatocellular carcinoma. <i>Genome Medicine</i> , 2011, 3, 82.	3.6	124

#	ARTICLE	IF	CITATIONS
55	Proton Pump Inhibitors Inhibit Metformin Uptake by Organic Cation Transporters (OCTs). <i>PLoS ONE</i> , 2011, 6, e22163.	1.1	140
56	Organic cation transporter pharmacogenomics and drug-drug interaction. <i>Expert Review of Clinical Pharmacology</i> , 2010, 3, 707-711.	1.3	10
57	Expression of organic cation transporters OCT1 (SLC22A1) and OCT3 (SLC22A3) is affected by genetic factors and cholestasis in human liver. <i>Hepatology</i> , 2009, 50, 1227-1240.	3.6	316
58	Vectorial transport of the plant alkaloid berberine by double-transfected cells expressing the human organic cation transporter 1 (OCT1, SLC22A1) and the efflux pump MDR1 P-glycoprotein (ABCB1). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 376, 449-461.	1.4	99
59	Interplay of conjugating enzymes with OATP uptake transporters and ABCC/MRP efflux pumps in the elimination of drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008, 4, 545-568.	1.5	114
60	The role of membrane transporters in drug delivery to brain tumors. <i>Cancer Letters</i> , 2007, 254, 11-29.	3.2	53
61	The apical conjugate efflux pump ABCC2 (MRP2). <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 453, 643-659.	1.3	329
62	Human multidrug resistance protein 8 (MRP8/ABCC11), an apical efflux pump for steroid sulfates, is an axonal protein of the CNS and peripheral nervous system. <i>Neuroscience</i> , 2006, 137, 1247-1257.	1.1	90
63	Expression and localization of human multidrug resistance protein (ABCC) family members in pancreatic carcinoma. <i>International Journal of Cancer</i> , 2005, 115, 359-367.	2.3	165
64	ABCC Drug Efflux Pumps and Organic Anion Uptake Transporters in Human Gliomas and the Blood-Tumor Barrier. <i>Cancer Research</i> , 2005, 65, 11419-11428.	0.4	266
65	PROSTANOID TRANSPORT BY MULTIDRUG RESISTANCE PROTEIN 4 (MRP4/ABCC4) LOCALIZED IN TISSUES OF THE HUMAN UROGENITAL TRACT. <i>Journal of Urology</i> , 2005, 174, 2409-2414.	0.2	93
66	Expression and immunolocalization of the multidrug resistance proteins, MRP1-MRP6 (ABCC1-ABCC6), in human brain. <i>Neuroscience</i> , 2004, 129, 349-360.	1.1	345
67	Increased protein kinase A regulatory subunit content and cGMP binding in erythrocyte membranes in liver cirrhosis. <i>Journal of Hepatology</i> , 2004, 40, 766-773.	1.8	8
68	Identification and functional characterization of the natural variant MRP3-Arg1297His of human multidrug resistance protein 3 (MRP3/ABCC3). <i>Pharmacogenetics and Genomics</i> , 2004, 14, 213-223.	5.7	84
69	Transport of Bilirubin Conjugates across Hepatocellular Membrane Domains and the Conjugated Hyperbilirubinemia of Dubin-Johnson Syndrome. , 2004, , 195-210.		0
70	Cotransport of reduced glutathione with bile salts by MRP4 (ABCC4) localized to the basolateral hepatocyte membrane. <i>Hepatology</i> , 2003, 38, 374-384.	3.6	306
71	Detection of the Human Organic Anion Transporters SLC21A6 (OATP2) and SLC21A8 (OATP8) in Liver and Hepatocellular Carcinoma. <i>Laboratory Investigation</i> , 2003, 83, 527-538.	1.7	105
72	Changes in the expression and localization of hepatocellular transporters and radixin in primary biliary cirrhosis. <i>Journal of Hepatology</i> , 2003, 39, 693-702.	1.8	149

#	ARTICLE	IF	CITATIONS
73	MRP2, THE APICAL EXPORT PUMP FOR ANIONIC CONJUGATES. , 2003, , 423-443.		29
74	A common Dubin-Johnson syndrome mutation impairs protein maturation and transport activity of MRP2 (ABCC2). American Journal of Physiology - Renal Physiology, 2003, 284, G165-G174.	1.6	108
75	A Naturally Occurring Mutation in the SLC21A6 Gene Causing Impaired Membrane Localization of the Hepatocyte Uptake Transporter. Journal of Biological Chemistry, 2002, 277, 43058-43063.	1.6	127
76	Immunolocalization of Multidrug Resistance Protein 5 in the Human Genitourinary System. Journal of Urology, 2002, 167, 2271-2275.	0.2	52
77	Structural requirements for the apical sorting of human multidrug resistance protein 2 (ABCC2). FEBS Journal, 2002, 269, 1866-1876.	0.2	64
78	Expression of the multidrug resistance proteins MRP2 and MRP3 in human hepatocellular carcinoma. International Journal of Cancer, 2001, 94, 492-499.	2.3	163
79	Characterization of the 5' flanking region of the human multidrug resistance protein 2 (MRP2) gene and its regulation in comparison with the multidrug resistance protein 3 (MRP3) gene. FEBS Journal, 2000, 267, 1347-1358.	0.2	87
80	Impaired protein maturation of the conjugate export pump multidrug resistance protein 2 as a consequence of a deletion mutation in dubin-johnson syndrome. Hepatology, 2000, 32, 1317-1328.	3.6	132
81	A novel human organic anion transporting polypeptide localized to the basolateral hepatocyte membrane. American Journal of Physiology - Renal Physiology, 2000, 278, G156-G164.	1.6	479
82	MRP2, a human conjugate export pump, is present and transports fluo 3 into apical vacuoles of Hep G2 cells. American Journal of Physiology - Renal Physiology, 2000, 278, G522-G531.	1.6	59
83	Localization and Genomic Organization of a New Hepatocellular Organic Anion Transporting Polypeptide. Journal of Biological Chemistry, 2000, 275, 23161-23168.	1.6	462
84	Localization, substrate specificity, and drug resistance conferred by conjugate export pumps of the MRP family. Advances in Enzyme Regulation, 2000, 40, 339-349.	2.9	71
85	Purification of the human apical conjugate export pump MRP2. Reconstitution and functional characterization as substrate-stimulated ATPase. FEBS Journal, 1999, 265, 281-289.	0.2	39
86	Export pumps for anionic conjugates encoded by MRP genes. Advances in Enzyme Regulation, 1999, 39, 237-246.	2.9	86
87	Conjugate export pumps of the multidrug resistance protein (MRP) family: localization, substrate specificity, and MRP2-mediated drug resistance. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1461, 377-394.	1.4	681
88	Expression of the apical conjugate export pump, Mrp2, in the polarized hepatoma cell line, WIF-B. Hepatology, 1998, 28, 1332-1340.	3.6	82
89	Regulation and translocation of ATP-dependent apical membrane proteins in rat liver. American Journal of Physiology - Renal Physiology, 1997, 272, G1041-G1049.	1.6	31
90	Multidrug Resistance Proteins of the ABCC Subfamily. , 0, , 263-318.		7