

Sarah Ann Thomas

List of Publications by Year in descending order

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42
papers

1,809
citations

236925

25
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	Do antidepressants regulate how cortisol affects the brain?. <i>Psychoneuroendocrinology</i> , 2004, 29, 423-447.	2.7	200
2	The transport of anti-HIV drugs across blood–CNS interfaces: Summary of current knowledge and recommendations for further research. <i>Antiviral Research</i> , 2009, 82, A99-A109.	4.1	182
3	Perlecan domain V is neuroprotective and proangiogenic following ischemic stroke in rodents. <i>Journal of Clinical Investigation</i> , 2011, 121, 3005-3023.	8.2	133
4	Anti-HIV Drug Distribution to the Central Nervous System. <i>Current Pharmaceutical Design</i> , 2004, 10, 1313-1324.	1.9	90
5	Kisspeptin modulates sexual and emotional brain processing in humans. <i>Journal of Clinical Investigation</i> , 2017, 127, 709-719.	8.2	85
6	Retinoic acid receptor α signalling antagonizes both intracellular and extracellular amyloid β production and prevents neuronal cell death caused by amyloid β . <i>European Journal of Neuroscience</i> , 2010, 32, 1246-1255.	2.6	69
7	The distribution of the anti-HIV drug, 2',3'-dideoxycytidine (ddC), across the blood-brain and blood-cerebrospinal fluid barriers and the influence of organic anion transport inhibitors. <i>Journal of Neurochemistry</i> , 2002, 80, 392-404.	3.9	62
8	Pentamidine Movement across the Murine Blood-Brain and Blood-Cerebrospinal Fluid Barriers: Effect of Trypanosome Infection, Combination Therapy, P-Glycoprotein, and Multidrug Resistance-Associated Protein. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 967-977.	2.5	59
9	Transport of Opioid Peptides into the Central Nervous System. <i>Journal of Pharmaceutical Sciences</i> , 1998, 87, 1433-1439.	3.3	56
10	Leptin transport at the blood–cerebrospinal fluid barrier using the perfused sheep choroid plexus model. <i>Brain Research</i> , 2001, 895, 283-290.	2.2	53
11	Brain and Spinal Cord Distribution of Buprenorphine: Correlation with Opioid Receptor Density and Mechanism of CNS Entry. <i>Journal of Neurochemistry</i> , 1997, 69, 1236-1245.	3.9	53
12	The involvement of the blood–brain and the blood–cerebrospinal fluid barriers in the distribution of leptin into and out of the rat brain. <i>Neuroscience</i> , 2004, 123, 527-536.	2.3	53
13	A Revised Role for P-Glycoprotein in the Brain Distribution of Dexamethasone, Cortisol, and Corticosterone in Wild-Type and ABCB1A/B-Deficient Mice. <i>Endocrinology</i> , 2008, 149, 5244-5253.	2.8	52
14	The distribution of the anti-HIV drug, tenofovir (PMPA), into the brain, CSF and choroid plexuses. <i>Cerebrospinal Fluid Research</i> , 2006, 3, 1.	0.5	48
15	The transport of the anti-HIV drug, 2',3'-dideoxythymidine (D4T), across the blood-brain and blood-cerebrospinal fluid barriers. <i>British Journal of Pharmacology</i> , 1998, 125, 49-54.	5.4	44
16	Central Nervous System (CNS) Delivery of Glucocorticoids Is Fine-Tuned by Saturable Transporters at the Blood-CNS Barriers and Nonbarrier Regions. <i>Endocrinology</i> , 2010, 151, 5294-5305.	2.8	43
17	The blood–brain barrier significantly limits eflornithine entry into <i>Trypanosoma brucei brucei</i> infected mouse brain ¹ . <i>Journal of Neurochemistry</i> , 2008, 107, 1136-1146.	3.9	41
18	The Distribution of the HIV Protease Inhibitor, Ritonavir, to the Brain, Cerebrospinal Fluid, and Choroid Plexuses of the Guinea Pig. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 912-920.	2.5	40

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19	The Antidepressant Desipramine Requires the ABCB1 (Mdr1)-Type p-Glycoprotein to Upregulate the Glucocorticoid Receptor in Mice. <i>Neuropsychopharmacology</i> , 2007, 32, 2520-2529.	5.4	39
20	Distribution of Suramin, an Antitrypanosomal Drug, across the Blood-Brain and Blood-Cerebrospinal Fluid Interfaces in Wild-Type and P-Glycoprotein Transporter-Deficient Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3136-3146.	3.2	37
21	Region-specific blood-brain barrier transporter changes leads to increased sensitivity to amisulpride in Alzheimer's disease. <i>Fluids and Barriers of the CNS</i> , 2019, 16, 38.	5.0	37
22	Control of spasticity in a multiple sclerosis model using central nervous system-excluded CB ₁ cannabinoid receptor agonists. <i>FASEB Journal</i> , 2014, 28, 117-130.	0.5	32
23	Organic cation transporter 1 (OCT1) is involved in pentamidine transport at the human and mouse blood-brain barrier (BBB). <i>PLoS ONE</i> , 2017, 12, e0173474.	2.5	31
24	Saturation kinetics, specificity and NBMPR sensitivity of thymidine entry into the central nervous system. <i>Brain Research</i> , 1997, 760, 59-67.	2.2	26
25	Mechanisms by which 2',3'-dideoxyinosine (ddI) crosses the guinea-pig CNS barriers; relevance to HIV therapy. <i>Journal of Neurochemistry</i> , 2003, 84, 725-734.	3.9	26
26	Hydroxyurea transport across the blood-brain and blood-cerebrospinal fluid barriers of the guinea-pig. <i>Journal of Neurochemistry</i> , 2003, 87, 76-84.	3.9	25
27	The Distribution of Nifurtimox Across the Healthy and Trypanosome-Infected Murine Blood-Brain and Blood-Cerebrospinal Fluid Barriers. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 506-515.	2.5	24
28	The transport of nifurtimox, an anti-trypanosomal drug, in an in vitro model of the human blood-brain barrier: Evidence for involvement of breast cancer resistance protein. <i>Brain Research</i> , 2012, 1436, 111-121.	2.2	23
29	Effect of Transport Inhibitors and Additional Anti-HIV Drugs on the Movement of Lamivudine (3TC) across the Guinea Pig Brain Barriers. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 1035-1041.	2.5	21
30	The transporter and permeability interactions of asymmetric dimethylarginine (ADMA) and L-arginine with the human blood-brain barrier in vitro. <i>Brain Research</i> , 2016, 1648, 232-242.	2.2	21
31	Nevirapine Uptake into the Central Nervous System of the Guinea Pig: An in Situ Brain Perfusion Study. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 746-751.	2.5	18
32	Delivery of Antihuman African Trypanosomiasis Drugs Across the Blood-Brain and Blood-CSF Barriers. <i>Advances in Pharmacology</i> , 2014, 71, 245-275.	2.0	18
33	The characteristics of nucleobase transport and metabolism by the perfused sheep choroid plexus. <i>Brain Research</i> , 2001, 888, 66-74.	2.2	17
34	The kinetics of hypoxanthine transport across the perfused choroid plexus of the sheep. <i>Brain Research</i> , 2002, 925, 169-175.	2.2	14
35	Desipramine treatment has minimal effects on the brain accumulation of glucocorticoids in P-gp-deficient and wild-type mice. <i>Psychoneuroendocrinology</i> , 2011, 36, 1351-1360.	2.7	9
36	Changes in the Brain Accumulation of Glucocorticoids in abcb1a-deficient C57BL/6 Mice. <i>Journal of Neuroendocrinology</i> , 2012, 24, 1440-1446.	2.6	9

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37	The kinetics of hypoxanthine efflux from the rat brain. Brain Research, 2001, 899, 248-250.	2.2	5
38	Brain and CSF entry of the novel nonnucleoside reverse transcriptase inhibitor, GW420867X. NeuroReport, 2000, 11, 3811-3815.	1.2	4
39	Drug reformulation for a neglected disease. The NANO-HAT project to develop a safer more effective sleeping sickness drug. PLoS Neglected Tropical Diseases, 2021, 15, e0009276.	3.0	2
40	Heightened sensitivity of people with Alzheimer's disease to the side effects of antipsychotic drug amisulpride may be mediated through an interaction with glucose transporter 1 at the blood-brain barrier. Alzheimer's and Dementia, 2020, 16, e047395.	0.8	1
41	Perlecan domain V is neuroprotective and proangiogenic following ischemic stroke in rodents. Journal of Clinical Investigation, 2012, 122, 777-777.	8.2	1
42	Choroid Plexus and Drug Therapy for AIDS Encephalopathy. , 2005, , 391-411.		1