

Sarah Ann Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,809
citations

236612

25
h-index

264894

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. | 1.3 | 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. | 1.9 | 182 |
| 3 | Perlecan domain V is neuroprotective and proangiogenic following ischemic stroke in rodents. <i>Journal of Clinical Investigation</i> , 2011, 121, 3005-3023. | 3.9 | 133 |
| 4 | Anti-HIV Drug Distribution to the Central Nervous System. <i>Current Pharmaceutical Design</i> , 2004, 10, 1313-1324. | 0.9 | 90 |
| 5 | Kisspeptin modulates sexual and emotional brain processing in humans. <i>Journal of Clinical Investigation</i> , 2017, 127, 709-719. | 3.9 | 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. | 1.2 | 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. | 2.1 | 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. | 1.3 | 59 |
| 9 | Transport of Opioid Peptides into the Central Nervous System. <i>Journal of Pharmaceutical Sciences</i> , 1998, 87, 1433-1439. | 1.6 | 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. | 1.1 | 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. | 2.1 | 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. | 1.1 | 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. | 1.4 | 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. | 2.7 | 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. | 1.4 | 43 |
| 17 | The blood-brain barrier significantly limits eflornithine entry into <i>Trypanosoma brucei brucei</i> infected mouse brain. <i>Journal of Neurochemistry</i> , 2008, 107, 1136-1146. | 2.1 | 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. | 1.3 | 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. | 2.8 | 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. | 1.4 | 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. | 2.4 | 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. | 0.2 | 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. | 1.1 | 31 |
| 24 | Saturation kinetics, specificity and NBMPR sensitivity of thymidine entry into the central nervous system. <i>Brain Research</i> , 1997, 760, 59-67. | 1.1 | 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. | 2.1 | 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. | 2.1 | 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. | 1.3 | 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. | 1.1 | 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. | 1.3 | 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. | 1.1 | 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. | 1.3 | 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. | 1.2 | 18 |
| 33 | The characteristics of nucleobase transport and metabolism by the perfused sheep choroid plexus. <i>Brain Research</i> , 2001, 888, 66-74. | 1.1 | 17 |
| 34 | The kinetics of hypoxanthine transport across the perfused choroid plexus of the sheep. <i>Brain Research</i> , 2002, 925, 169-175. | 1.1 | 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. | 1.3 | 9 |
| 36 | Changes in the Brain Accumulation of Glucocorticoids in abcb1a-deficient C57BL/6 Mice. <i>Journal of Neuroendocrinology</i> , 2012, 24, 1440-1446. | 1.2 | 9 |

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|----|--|-----|-----------|
| 37 | The kinetics of hypoxanthine efflux from the rat brain. Brain Research, 2001, 899, 248-250. | 1.1 | 5 |
| 38 | Brain and CSF entry of the novel nonnucleoside reverse transcriptase inhibitor, GW420867X. NeuroReport, 2000, 11, 3811-3815. | 0.6 | 4 |
| 39 | Drug reformulation for a neglected disease. The NANOHAT project to develop a safer more effective sleeping sickness drug. PLoS Neglected Tropical Diseases, 2021, 15, e0009276. | 1.3 | 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. | 0.4 | 1 |
| 41 | Perlecan domain V is neuroprotective and proangiogenic following ischemic stroke in rodents. Journal of Clinical Investigation, 2012, 122, 777-777. | 3.9 | 1 |
| 42 | Choroid Plexus and Drug Therapy for AIDS Encephalopathy. , 2005, , 391-411. | | 1 |