Servio H Ramirez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4602344/publications.pdf

Version: 2024-02-01

69 papers	5,784 citations	76196 40 h-index	88477 70 g-index
71 all docs	71 docs citations	71 times ranked	8431 citing authors

#	Article	IF	Citations
1	ErbB3 is a critical regulator of cytoskeletal dynamics in brain microvascular endothelial cells: Implications for vascular remodeling and blood brain barrier modulation. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2242-2255.	2.4	6
2	The psychoactive drug of abuse mephedrone differentially disrupts blood-brain barrier properties. Journal of Neuroinflammation, 2021, 18, 63.	3.1	12
3	Extracellular Microvesicles Released From Brain Endothelial Cells are Detected in Animal Models Of HIV-1 Signifying Unresolved Inflammation. Journal of NeuroImmune Pharmacology, 2021, , 1.	2.1	3
4	SARS-CoV-2 Spike Protein Disrupts Bloodâ€“Brain Barrier Integrity via RhoA Activation. Journal of NeuroImmune Pharmacology, 2021, 16, 722-728.	2.1	54
5	Experimental Traumatic Brain Injury during Adolescence Enhances Cocaine Rewarding Efficacy and Dysregulates Dopamine and Neuroimmune Systems in Brain Reward Substrates. Journal of Neurotrauma, 2020, 37, 27-42.	1.7	12
6	Reward and immune responses in adolescent females following experimental traumatic brain injury. Behavioural Brain Research, 2020, 379, 112333.	1.2	4
7	The SARS-CoV-2 spike protein alters barrier function in 2D static and 3D microfluidic in-vitro models of the human bloodâ€“brain barrier. Neurobiology of Disease, 2020, 146, 105131.	2.1	346
8	HIV infects astrocytes in vivo and egresses from the brain to the periphery. PLoS Pathogens, 2020, 16, e1008381.	2.1	106
9	Selection of an Efficient AAV Vector for Robust CNS Transgene Expression. Molecular Therapy - Methods and Clinical Development, 2019, 15, 320-332.	1.8	89
10	Characterization of cancer-associated IDH2 mutations that differ in tumorigenicity, chemosensitivity and 2-hydroxyglutarate production. Oncotarget, 2019, 10, 2675-2692.	0.8	13
11	Endothelial Targeted Strategies to Combat Oxidative Stress: Improving Outcomes in Traumatic Brain Injury. Frontiers in Neurology, 2019, 10, 582.	1.1	27
12	Sex-specific neurogenic deficits and neurocognitive disorders in middle-aged HIV-1 Tg26 transgenic mice. Brain, Behavior, and Immunity, 2019, 80, 488-499.	2.0	15
13	Blockade of MCU-Mediated Ca2+ Uptake Perturbs Lipid Metabolism via PP4-Dependent AMPK Dephosphorylation. Cell Reports, 2019, 26, 3709-3725.e7.	2.9	58
14	Brain interrupted: Early life traumatic brain injury and addiction vulnerability. Experimental Neurology, 2019, 317, 191-201.	2.0	29
15	Effects of Platelet-Activating Factor on Brain Microvascular Endothelial Cells. Neuroscience, 2018, 377, 105-113.	1.1	31
16	Characterization of human fetal brain endothelial cells reveals barrier properties suitable for inÂvitro modeling of the BBB with syngenic co-cultures. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 888-903.	2.4	27
17	Extracellular vesicles: mediators and biomarkers of pathology along CNS barriers. Fluids and Barriers of the CNS, 2018, 15, 19.	2.4	119
18	Adolescent Traumatic Brain Injury Induces Chronic Mesolimbic Neuroinflammation with Concurrent Enhancement in the Rewarding Effects of Cocaine in Mice during Adulthood. Journal of Neurotrauma, 2017, 34, 165-181.	1.7	37

#	Article	IF	Citations
19	Antibody blockade of CLEC12A delays EAE onset and attenuates disease severity by impairing myeloid cell CNS infiltration and restoring positive immunity. Scientific Reports, 2017, 7, 2707.	1.6	29
20	Acute administration of catalase targeted to ICAM-1 attenuates neuropathology in experimental traumatic brain injury. Scientific Reports, 2017, 7, 3846.	1.6	56
21	Factors affecting increased risk for substance use disorders following traumatic brain injury: What we can learn from animal models. Neuroscience and Biobehavioral Reviews, 2017, 77, 209-218.	2.9	30
22	Dexamethasone Attenuates the Enhanced Rewarding Effects of Cocaine Following Experimental Traumatic Brain Injury. Cell Transplantation, 2017, 26, 1178-1192.	1.2	33
23	Trafficking of adenoâ€associated virus vectors across a model of the bloodâ€“brain barrier; a comparative study of transcytosis and transduction using primary human brain endothelial cells. Journal of Neurochemistry, 2017, 140, 216-230.	2.1	97
24	Mechanical Injury Induces Brain Endothelial-Derived Microvesicle Release: Implications for Cerebral Vascular Injury during Traumatic Brain Injury. Frontiers in Cellular Neuroscience, 2016, 10, 43.	1.8	71
25	Neuregulin1â€Î² decreases interleukinâ€1Î²â€induced RhoA activation, myosin light chain phosphorylation, and endothelial hyperpermeability. Journal of Neurochemistry, 2016, 136, 250-257.	2.1	11
26	Blood biomarkers for brain injury: What are we measuring?. Neuroscience and Biobehavioral Reviews, 2016, 68, 460-473.	2.9	182
27	PLFE as a Liposomal Stabilizing Agent: A Shear Stress Study. Biophysical Journal, 2016, 110, 242a.	0.2	1
28	Methamphetamine alters microglial immune function through P2X7R signaling. Journal of Neuroinflammation, 2016, 13, 91.	3.1	42
29	Methamphetamine induces trace amine-associated receptor 1 (TAAR1) expression in human T lymphocytes: role in immunomodulation. Journal of Leukocyte Biology, 2016, 99, 213-223.	1.5	26
30	Exosome-associated AAV vector as a robust and convenient neuroscience tool. Gene Therapy, 2016, 23, 380-392.	2.3	103
31	Dysfunction of brain pericytes in chronic neuroinflammation. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 794-807.	2.4	78
32	Activation of Cannabinoid Type Two Receptors (CB2) Diminish Inflammatory Responses in Macrophages and Brain Endothelium. Journal of NeuroImmune Pharmacology, 2015, 10, 302-308.	2.1	39
33	Identification and Dynamic Regulation of Tight Junction Protein Expression in Human Neural Stem Cells. Stem Cells and Development, 2015, 24, 1377-1389.	1.1	18
34	Poly(ADP-ribose) Polymerase-1 Inhibition in Brain Endothelium Protects the Bloodâ€”Brain Barrier under Physiologic and Neuroinflammatory Conditions. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 28-36.	2.4	58
35	Emerging Roles of Pericytes in the Regulation of the Neurovascular Unit in Health and Disease. Journal of NeuroImmune Pharmacology, 2014, 9, 591-605.	2.1	110
36	Gene Therapy for the Nervous System: Challenges and New Strategies. Neurotherapeutics, 2014, 11, 817-839.	2.1	70

#	Article	IF	Citations
37	Characterization of Plateletâ€“Monocyte Complexes in HIV-1â€“Infected Individuals: Possible Role in HIV-Associated Neuroinflammation. Journal of Immunology, 2014, 192, 4674-4684.	0.4	63
38	Pericyte dysfunction in blood brain barrier impairment caused by HIV infection (278.1). FASEB Journal, 2014, 28, 278.1.	0.2	1
39	Attenuation of HIV-1 replication in macrophages by cannabinoid receptor 2 agonists. Journal of Leukocyte Biology, 2013, 93, 801-810.	1.5	68
40	Inhibition of Glycogen Synthase Kinase 3Î² Promotes Tight Junction Stability in Brain Endothelial Cells by Half-Life Extension of Occludin and Claudin-5. PLoS ONE, 2013, 8, e55972.	1.1	91
41	Anti-Inflammatory Effect of Targeted Delivery of SOD to Endothelium: Mechanism, Synergism with NO Donors and Protective Effects In Vitro and In Vivo. PLoS ONE, 2013, 8, e77002.	1.1	50
42	Activation of Cannabinoid Receptor 2 Attenuates Leukocyteâ€“Endothelial Cell Interactions and Bloodâ€“Brain Barrier Dysfunction under Inflammatory Conditions. Journal of Neuroscience, 2012, 32, 4004-4016.	1.7	202
43	Tetherin has negligible activity in restricting hepatitis C virus in hepatocytes. Innate Immunity, 2012, 18, 398-405.	1.1	8
44	Glycogen Synthase Kinase 3Î² Inhibition Prevents Monocyte Migration across Brain Endothelial Cells via Rac1-GTPase Suppression and Down-Regulation of Active Integrin Conformation. American Journal of Pathology, 2012, 181, 1414-1425.	1.9	40
45	HIV-1 infection and alcohol abuse: Neurocognitive impairment, mechanisms of neurodegeneration and therapeutic interventions. Brain, Behavior, and Immunity, 2011, 25, S61-S70.	2.0	111
46	Establishment of primary cultures of human brain microvascular endothelial cells to provide an in vitro cellular model of the blood-brain barrier. Nature Protocols, 2010, 5, 1265-1272.	5.5	177
47	Dyad of CD40/CD40 Ligand Fosters Neuroinflammation at the Blood-Brain Barrier and Is Regulated via JNK Signaling: Implications for HIV-1 Encephalitis. Journal of Neuroscience, 2010, 30, 9454-9464.	1.7	51
48	Methamphetamine Causes Mitrochondrial Oxidative Damage in Human T Lymphocytes Leading to Functional Impairment. Journal of Immunology, 2010, 185, 2867-2876.	0.4	94
49	Angiotensin II induced cerebral microvascular inflammation and increased bloodâ€“brain barrier permeability via oxidative stress. Neuroscience, 2010, 171, 852-858.	1.1	137
50	Inhibition of Glycogen Synthase Kinase 3Î² (GSK3Î²) Decreases Inflammatory Responses in Brain Endothelial Cells. American Journal of Pathology, 2010, 176, 881-892.	1.9	72
51	Monocyte Chemotactic Protein-1 Regulates Voltage-Gated K+ Channels and Macrophage Transmigration. Journal of NeuroImmune Pharmacology, 2009, 4, 47-59.	2.1	44
52	Methamphetamine Disrupts Bloodâ€“Brain Barrier Function by Induction of Oxidative Stress in Brain Endothelial Cells. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1933-1945.	2.4	175
53	Activation of protein tyrosine kinases and matrix metalloproteinases causes bloodâ€brain barrier injury: Novel mechanism for neurodegeneration associated with alcohol abuse. Glia, 2008, 56, 78-88.	2.5	96
54	Mechanism of alcohol-induced oxidative stress and neuronal injury. Free Radical Biology and Medicine, 2008, 45, 1542-1550.	1.3	285

#	Article	IF	Citations
55	Phosphorylation of Claudin-5 and Occludin by Rho Kinase in Brain Endothelial Cells. American Journal of Pathology, 2008, 172, 521-533.	1.9	204
56	Activation of Peroxisome Proliferator-Activated Receptor Î³ (PPARÎ³) Suppresses Rho GTPases in Human Brain Microvascular Endothelial Cells and Inhibits Adhesion and Transendothelial Migration of HIV-1 Infected Monocytes. Journal of Immunology, 2008, 180, 1854-1865.	0.4	98
57	Peroxisome proliferator-activated receptor-Î³ activation suppresses HIV-1 replication in an animal model of encephalitis. Aids, 2008, 22, 1539-1549.	1.0	37
58	T cell independent mechanism for copolymerâ€1â€induced neuroprotection. European Journal of Immunology, 2007, 37, 3143-3154.	1.6	62
59	Oxidative stress activates protein tyrosine kinase and matrix metalloproteinases leading to blood?brain barrier dysfunction. Journal of Neurochemistry, 2007, 101, 566-576.	2.1	295
60	Recombinant adenovirus type 5 vectors that target DC-SIGN, ChemR23 and Î±vÎ²3 integrin efficiently transduce human dendritic cells and enhance presentation of vectored antigens. Vaccine, 2006, 24, 671-682.	1.7	25
61	Bloodâ€“brain Barrier: Structural Components and Function Under Physiologic and Pathologic Conditions. Journal of NeuroImmune Pharmacology, 2006, 1, 223-236.	2.1	714
62	Valproic acid enhances gene expression from viral gene transfer vectors. Journal of Virological Methods, 2005, 125, 23-33.	1.0	35
63	Mechanism of NF-kappaB inactivation induced by survival signal withdrawal in cerebellar granule neurons. European Journal of Neuroscience, 2004, 20, 345-352.	1.2	32
64	Activation of adenosine A2A receptor protects sympathetic neurons against nerve growth factor withdrawal. Journal of Neuroscience Research, 2004, 77, 258-269.	1.3	17
65	Dishevelled promotes neurite outgrowth in neuronal differentiating neuroblastoma 2A cells, via a DIX-domain dependent pathway. Molecular Brain Research, 2004, 132, 38-50.	2.5	24
66	HIV-1 Tat-Mediated Activation of Glycogen Synthase Kinase-3Î² Contributes to Tat-Mediated Neurotoxicity. Journal of Neurochemistry, 2002, 73, 578-586.	2.1	162
67	Functional Interplay Between Nuclear Factor-ÎºB and c-Jun Integrated by Coactivator p300 Determines the Survival of Nerve Growth Factor-Dependent PC12 Cells. Journal of Neurochemistry, 2001, 74, 527-539.	2.1	38
68	Neurotrophins prevent HIV Tat-induced neuronal apoptosis via a nuclear factor-ÎºB (NF-ÎºB)-dependent mechanism. Journal of Neurochemistry, 2001, 78, 874-889.	2.1	81
69	Activation of glycogen synthase kinase 3 beta (GSK-3Î²) by platelet activating factor mediates migration and cell death in cerebellar granule neurons. European Journal of Neuroscience, 2001, 13, 1913-1922.	1.2	85