Xin Wu

List of Publications by Year
in descending order

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37 papers	2,007 citations	361413 20 h-index	395702 33 g-index
37 all docs	37 docs citations	37 times ranked	2063 citing authors

#	Article	IF	Citations
1	A Comprehensive and Advanced Mouse Model of Postâ€Traumatic Epilepsy with Robust Spontaneous Recurrent Seizures. Current Protocols, 2022, 2, .	2.9	10
2	Comparative profile of refractory status epilepticus models following exposure of cholinergic agents pilocarpine, DFP, and soman. Neuropharmacology, 2021, 191, 108571.	4.1	24
3	Long-term changes in neuroimaging markers, cognitive function and psychiatric symptoms in an experimental model of Gulf War Illness. Life Sciences, 2021, 285, 119971.	4.3	8
4	Magnetic resonance imaging analysis of longâ€term neuropathology after exposure to the nerve agent soman: correlation with histopathology and neurological dysfunction. Annals of the New York Academy of Sciences, 2020, 1480, 116-135.	3.8	22
5	Phenobarbital as alternate anticonvulsant for organophosphateâ€induced benzodiazepineâ€refractory status epilepticus and neuronal injury. Epilepsia Open, 2020, 5, 198-212.	2.4	19
6	Extrasynaptic Î³â€aminobutyric acid type A receptorâ€“mediated sex differences in the antiseizure activity of neurosteroids in status epilepticus and complex partial seizures. Epilepsia, 2019, 60, 730-743.	5.1	48
7	Benzodiazepine-refractory status epilepticus, neuroinflammation, and interneuron neurodegeneration after acute organophosphate intoxication. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 2845-2858.	3.8	41
8	Midazolam-Resistant Seizures and Brain Injury after Acute Intoxication of Diisopropylfluorophosphate, an Organophosphate Pesticide and Surrogate for Nerve Agents. Journal of Pharmacology and Experimental Therapeutics, 2018, 367, 302-321.	2.5	65
9	Measuring Histone Deacetylase Inhibition in the Brain. Current Protocols in Pharmacology, 2018, 81, e41.	4.0	23
10	PR-independent neurosteroid regulation of Î±2-GABA-A receptors in the hippocampus subfields. Brain Research, 2017, 1659, 142-147.	2.2	14
11	Atomic force microscopy investigations of fibronectin and Î±5Î²1-integrin signaling in neuroplasticity and seizure susceptibility in experimental epilepsy. Epilepsy Research, 2017, 138, 71-80.	1.6	14
12	Atomic Force Microscopy Protocol for Measurement of Membrane Plasticity and Extracellular Interactions in Single Neurons in Epilepsy. Frontiers in Aging Neuroscience, 2016, 8, 88.	3.4	13
13	Neurostereology protocol for unbiased quantification of neuronal injury and neurodegeneration. Frontiers in Aging Neuroscience, 2015, 7, 196.	3.4	55
14	Phosphoregulation of Cardiac Inotropy via Myosin Binding Protein-C During Increased Pacing Frequency or Î² ₁ -Adrenergic Stimulation. Circulation: Heart Failure, 2015, 8, 595-604.	3.9	43
15	Perimenstrual-Like Hormonal Regulation of Extrasynaptic Î´-Containing GABA_AReceptors Mediating Tonic Inhibition and Neurosteroid Sensitivity. Journal of Neuroscience, 2014, 34, 14181-14197.	3.6	55
16	Novel Role for Vinculin in Ventricular Myocyte Mechanics and Dysfunction. Biophysical Journal, 2013, 104, 1623-1633.	0.5	30
17	Estrous Cycle Regulation of Extrasynaptic Î´-Containing GABA_A Receptor-Mediated Tonic Inhibition and Limbic Epileptogenesis. Journal of Pharmacology and Experimental Therapeutics, 2013, 346, 146-160.	2.5	84
18	Application of Atomic Force Microscopy Measurements on Cardiovascular Cells. Methods in Molecular Biology, 2012, 843, 229-244.	0.9	14

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19	Integrins as receptor targets for neurological disorders. , 2012, 134, 68-81.		149
20	Atomic force microscopy study of ECMâ€integrin modulation of neuroplasticity in the hippocampal dentate granule cells in epilepsy. FASEB Journal, 2012, 26, 672.8.	0.5	1
21	Ovarian cycleâ€related effects of neurosteroids on GABAâ€A receptorâ€mediated phasic and tonic currents in the hippocampus. FASEB Journal, 2012, 26, .	0.5	0
22	TNFâ€Î± mediated regulation of myosin light chain 20 phosphorylation in lymphatic muscle. FASEB Journal, 2012, 26, 677.6.	0.5	0
23	Fibronectin increases the force production of mouse papillary muscles via Î±5Î²1 integrin. Journal of Molecular and Cellular Cardiology, 2011, 50, 203-213.	1.9	12
24	Cardiomyocyte contractile status is associated with differences in fibronectin and integrin interactions. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H2071-H2081.	3.2	61
25	Î±5Î²1 Integrin Engagement Increases Large Conductance, Ca2+-activated K+ Channel Current and Ca2+ Sensitivity through c-src-mediated Channel Phosphorylation. Journal of Biological Chemistry, 2010, 285, 131-141.	3.4	43
26	Coordinated Regulation of Vascular Ca2+ and K+ Channels by Integrin Signaling. Advances in Experimental Medicine and Biology, 2010, 674, 69-79.	1.6	27
27	Potentiation of large conductance, Ca²⁺â€activated K⁺ (BK) channels by Î±5Î²1 integrin activation in arteriolar smooth muscle. Journal of Physiology, 2008, 586, 1699-1713.	2.9	52
28	Integrin activation results in cSrc mediated phosphorylation and potentiation of Maxi K channels. FASEB Journal, 2007, 21, .	0.5	0
29	Sodium azide dilates coronary arterioles via activation of inward rectifier K+ channels and Na+-K+-ATPase. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1617-H1623.	3.2	18
30	Integrin Receptor Activation Triggers Converging Regulation of Cav1.2 Calcium Channels by c-Src and Protein Kinase A Pathways. Journal of Biological Chemistry, 2006, 281, 14015-14025.	3.4	119
31	Integrins as Unique Receptors for Vascular Control. Journal of Vascular Research, 2003, 40, 211-233.	1.4	158
32	Î±4Î²1Integrin Activation of L-Type Calcium Channels in Vascular Smooth Muscle Causes Arteriole Vasoconstriction. Circulation Research, 2002, 90, 473-480.	4.5	106
33	Regulation of Ion Channels by Integrins. Cell Biochemistry and Biophysics, 2002, 36, 41-66.	1.8	62
34	Integrins and mechanotransduction of the vascular myogenic response. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1427-H1433.	3.2	151
35	Regulation of ion channels by protein tyrosine phosphorylation. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H1835-H1862.	3.2	129
36	Regulation of the L-type Calcium Channel by Î±5Î²1 Integrin Requires Signaling between Focal Adhesion Proteins. Journal of Biological Chemistry, 2001, 276, 30285-30292.	3.4	160

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37	Modulation of Calcium Current in Arteriolar Smooth Muscle by Î±vÎ²3 and Î±5Î²1 Integrin Ligands. Journal of Cell Biology, 1998, 143, 241-252.	5.2	177