Will J Costain

List of Publications by Year
in descending order

35	585	623734	610901
papers	citations	14 h-index	24 g-index

36	36	36	828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrophysiological- and Neuropharmacological-Based Benchmarking of Human Induced Pluripotent Stem Cell-Derived and Primary Rodent Neurons. Stem Cell Reviews and Reports, 2022, 18, 259-277.	3.8	4
2	Immunoassay for Quantitative Detection of Antibody Transcytosis Across the Blood-Brain Barrier In Vitro. Methods in Molecular Biology, 2022, , 1.	0.9	1
3	NMR analysis of the correlation of metabolic changes in blood and cerebrospinal fluid in Alzheimer model male and female mice. PLoS ONE, 2021, 16, e0250568.	2.5	4
4	Introduction to Recent Advances in Cannabinoid Research. , 2019, , .		6
5	Striated-for-smooth muscle replacement in the developing mouse esophagus. Histology and Histopathology, 2019, 34, 457-467.	0.7	1
6	Analysis of the pharmacological properties of JWH-122 isomers and THJ-2201, RCS-4 and AB-CHMINACA in HEK293T cells and hippocampal neurons. European Journal of Pharmacology, 2018, 823, 96-104.	3.5	10
7	Emerging Technologies for Delivery of Biotherapeutics and Gene Therapy Across the Bloodâ€“Brain Barrier. BioDrugs, 2018, 32, 547-559.	4.6	64
8	Role of skeletal muscle in ear development. Histology and Histopathology, 2017, 32, 987-1000.	0.7	7
9	Effect of synthetic cannabinoids on spontaneous neuronal activity: Evaluation using Ca 2+ spiking and multi-electrode arrays. European Journal of Pharmacology, 2016, 786, 148-160.	3.5	11
10	Pharmacological characterization of emerging synthetic cannabinoids in HEK293T cells and hippocampal neurons. European Journal of Pharmacology, 2016, 786, 234-245.	3.5	21
11	Brain penetration, target engagement, and disposition of the bloodâ€brain barrierâ€crossing bispecific antibody antagonist of metabotropic glutamate receptor type 1. FASEB Journal, 2016, 30, 1927-1940.	0.5	61
12	Synthesis and photochemical properties of PEGylated coumarin-caged ceramides for cell studies. Chemistry and Physics of Lipids, 2016, 194, 117-124.	3.2	4
13	Role of skeletal muscle in motor neuron development. Histology and Histopathology, 2016, 31, 699-719.	0.7	10
14	Comparison of S-nitrosoglutathione- and staurosporine-induced apoptosis in human neural cells. Canadian Journal of Physiology and Pharmacology, 2014, 92, 1001-1011.	1.4	3
15	Role of skeletal muscle in mandible development. Histology and Histopathology, 2014, 29, 1377-94.	0.7	11
16	Biochemical Characterization of a Polysialyltransferase from Mannheimia haemolytica A2 and Comparison to Other Bacterial Polysialyltransferases. PLoS ONE, 2013, 8, e69888.	2.5	12
17	A new tool to assess ceramide bioactivity: 6-bromo-7-hydroxycoumarinyl-caged ceramide. Chemical Communications, 2011, 47, 9236.	4.1	33
18	Proteomic analysis of synaptosomal protein expression reveals that cerebral ischemia alters lysosomal Psap processing. Proteomics, 2010, 10, 3272-3291.	2.2	19

#	Article	IF	Citations
19	Cerebral Ischemia Causes Dysregulation of Synaptic Adhesion in Mouse Synaptosomes. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 99-110.	4.3	21
20	Gene Arrays: A Practical Approach to Studying Stroke with Microarray. , 2007, , 387-408.		0
21	DNA microarray analysis of striatal gene expression in symptomatic transgenic Huntington's mice (R6/2) reveals neuroinflammation and insulin associations. Brain Research, 2006, 1088, 176-186.	2.2	50
22	Cerebral ischemia induces neuronal expression of novel VL30 mouse retrotransposons bound to polyribosomes. Brain Research, 2006, 1094, 24-37.	2.2	12
23	Modulation of Agonist Binding to Human Dopamine Receptor Subtypes by l-Prolyl-l-leucyl-glycinamide and a Peptidomimetic Analog. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1228-1236.	2.5	41
24	Differential display polymerase chain reaction reveals increased expression of striatal rat glia-derived nexin following chronic clozapine treatment. Pharmacogenomics Journal, 2004, 4, 379-387.	2.0	10
25	DNA Microarray Analysis of Hippocampal Gene Expression Measured Twelve Hours after Hypoxia-Ischemia in the Mouse. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 1195-1211.	4.3	32
26	PLG regulates hnRNP-L expression in the rat striatum and pre-frontal cortex: identification by ddPCR. Peptides, 2003, 24, 137-146.	2.4	8
27	Immediate-early gene response to methamphetamine, haloperidol, and quinolinic acid is not impaired in Huntington's disease transgenic mice. Journal of Neuroscience Research, 2002, 67, 372-378.	2.9	25
28	l-Prolyl-l-leucyl-glycinamide and its peptidomimetic analog 3(R)-[(2(S)-pyrrolidylcarbonyl)amino]-2-oxo-1-pyrrolidineacetamide (PAOPA) attenuate haloperidol-induced c-fos expression in the striatumâ˜†. Peptides, 2000, 21, 301-308.	2.4	11
29	Modulation of agonist stimulated adenylyl cyclase and GTPase activity by l-pro-l-leu-glycinamide and its peptidomimetic analogue in rat striatal membranes. Neuroscience Letters, 1999, 269, 21-24.	2.1	19
30	Modulatory effects of PLG and its peptidomimetics on haloperidol-induced catalepsy in rats. Peptides, 1999, 20, 761-767.	2.4	16
31	Design, Synthesis, and Dopamine Receptor Modulating Activity of Diketopiperazine Peptidomimetics of l-Prolyl-l-leucylglycinamide. Journal of Medicinal Chemistry, 1997, 40, 3594-3600.	6.4	39
32	Modulation of G Proteins in Rat Striatum by Neuroleptic Drugs and a Peptidomimetic Analog of Pro-Leu-Gly-NH₂. , 1997, , 119-138.		2
33	Alterations in inotropy, nitric oxide and cyclic GMP synthesis, protein phosphorylation and ADP-ribosylation in the endotoxin-treated rat myocardium and cardiomyocytes. Molecular and Cellular Biochemistry, 1996, 163-164, 305-318.	3.1	15
34	EÃ—pressed Î±₁-adrenoceptors in adult rat brown adipocytes are primarily of Î±_{1A} subtype. Canadian Journal of Physiology and Pharmacology, 1996, 74, 234-240.	1.4	2
35	Cerebral Ischemia Induced Proteomic Alterations: Consequences for the Synapse and Organelles. , 0, , .		0