Teresa Zalewska

List of Publications by Year
in descending order

51 papers	1,708 citations	331538 21 h-index	289141 40 g-index
51 all docs	51 docs citations	51 times ranked	1571 citing authors

#	Article	IF	Citations
1	Is calpain activity regulated by membranes and autolysis or by calcium and calpastatin?. BioEssays, 1992, 14, 549-556.	1.2	223
2	THE EFFECT OF ISCHAEMIA AND RECIRCULATION ON PROTEIN SYNTHESIS IN THE RAT BRAIN. Journal of Neurochemistry, 1977, 28, 929-934.	2.1	222
3	The Impact of the CX3CL1/CX3CR1 Axis in Neurological Disorders. Cells, 2020, 9, 2277.	1.8	98
4	Insights Into the Neuroinflammatory Responses After Neonatal Hypoxia-Ischemia. Journal of Neuropathology and Experimental Neurology, 2017, 76, 644-654.	0.9	83
5	Effect of Brain Ischemia on Protein Kinase C. Journal of Neurochemistry, 1992, 58, 1432-1439.	2.1	76
6	Probing the Stereochemical Requirements for Receptor Recognition of Î´ Opioid Agonists through Topographic Modifications in Position 1. Journal of the American Chemical Society, 1996, 118, 7280-7290.	6.6	63
7	Effect of the HDAC Inhibitor, Sodium Butyrate, on Neurogenesis in a Rat Model of Neonatal Hypoxiaâ€“Ischemia: Potential Mechanism of Action. Molecular Neurobiology, 2019, 56, 6341-6370.	1.9	61
8	Newly discovered stereochemical requirements in the side-chain conformation of .delta. opioid agonists for recognizing opioid .delta. receptors. Journal of Medicinal Chemistry, 1994, 37, 1746-1757.	2.9	60
9	The potential neuroprotective role of a histone deacetylase inhibitor, sodium butyrate, after neonatal hypoxia-ischemia. Journal of Neuroinflammation, 2017, 14, 34.	3.1	56
10	Sodium Butyrate, a Histone Deacetylase Inhibitor, Exhibits Neuroprotective/Neurogenic Effects in a Rat Model of Neonatal Hypoxia-Ischemia. Molecular Neurobiology, 2017, 54, 5300-5318.	1.9	50
11	Functional alterations in endothelial NO, PGI2 and EDHF pathways in aorta in ApoE/LDLRâˆ'/âˆ' mice. Prostaglandins and Other Lipid Mediators, 2012, 98, 107-115.	1.0	49
12	Cyclic Enkephalin Analogues with Exceptional Potency and Selectivity for Î´-Opioid Receptors1. Journal of Medicinal Chemistry, 1997, 40, 3957-3962.	2.9	42
13	Histone Deacetylase Inhibitors: A Therapeutic Key in Neurological Disorders?. Journal of Neuropathology and Experimental Neurology, 2018, 77, 855-870.	0.9	38
14	Transient forebrain ischemia modulates signal transduction from extracellular matrix in gerbil hippocampus. Brain Research, 2003, 977, 62-69.	1.1	36
15	Design, Synthesis, and Biological Properties of highly Potent Cyclic Dynorphin A Analogs. Analogs Cyclized between Positions 5 and 11. Journal of Medicinal Chemistry, 1994, 37, 3910-3917.	2.9	32
16	Syntheses, opioid binding affinities, and potencies of dynorphin A analogues substituted in positions 1, 6, 7, 8 and 10. International Journal of Peptide and Protein Research, 1993, 42, 411-419.	0.1	32
17	Histone deacetylases 1 and 2 are required for brain development. International Journal of Developmental Biology, 2015, 59, 171-177.	0.3	31
18	The Potential Role of Metalloproteinases in Neurogenesis in the Gerbil Hippocampus Following Global Forebrain Ischemia. PLoS ONE, 2011, 6, e22465.	1.1	28

#	Article	IF	Citations
19	Transient forebrain ischemia effects interaction of Src, FAK, and PYK2 with the NR2B subunit of N-methyl-d-aspartate receptor in gerbil hippocampus. Brain Research, 2005, 1042, 214-223.	1.1	26
20	Impact of neonatal hypoxiaâ€ischaemia on oligodendrocyte survival, maturation and myelinating potential. Journal of Cellular and Molecular Medicine, 2018, 22, 207-222.	1.6	25
21	Cyclic enkephalin analogs with exceptional potency at peripheral .delta. opioid receptors. Journal of Medicinal Chemistry, 1994, 37, 146-150.	2.9	24
22	Aberrant Complement System Activation in Neurological Disorders. International Journal of Molecular Sciences, 2021, 22, 4675.	1.8	23
23	Directed glial differentiation and transdifferentiation for neural tissue regeneration. Experimental Neurology, 2019, 319, 112813.	2.0	22
24	Oligodendrocyte Response to Pathophysiological Conditions Triggered by Episode of Perinatal Hypoxia-Ischemia: Role of IGF-1 Secretion by Glial Cells. Molecular Neurobiology, 2020, 57, 4250-4268.	1.9	21
25	[L-Ala3]DPDPE: A New Enkephalin Analog with a Unique Opioid Receptor Activity Profile. Further Evidence of .delta.-Opioid Receptor Multiplicity. Journal of Medicinal Chemistry, 1994, 37, 1572-1577.	2.9	20
26	Brain ischaemia transiently activates Ca2+/calmodulin-independent protein kinase II. NeuroReport, 1996, 7, 637-641.	0.6	20
27	Î´-Opioid receptor: the third extracellular loop determines naltrindole selectivity. European Journal of Pharmacology, 1996, 300, R1-R2.	1.7	18
28	Current and Experimental Pharmacological Approaches in Neonatal Hypoxic- Ischemic Encephalopathy. Current Pharmaceutical Design, 2015, 21, 1433-1439.	0.9	18
29	Short-Lived Human Umbilical Cord-Blood-Derived Neural Stem Cells Influence the Endogenous Secretome and Increase the Number of Endogenous Neural Progenitors in a Rat Model of Lacunar Stroke. Molecular Neurobiology, 2016, 53, 6413-6425.	1.9	17
30	Expression of Ca2+-dependent (classical) PKC mRNA isoforms after transient cerebral ischemia in gerbil hippocampus. Brain Research, 1998, 779, 254-258.	1.1	16
31	Neonatal cerebral hypoxiaâ€ischemia: involvement of FAKâ€dependent pathway. International Journal of Developmental Neuroscience, 2005, 23, 657-662.	0.7	16
32	The Use of Topographical Constraints In Receptor Mapping:Â Investigation of the Topographical Requirements of the Tryptophan 30 Residue for Receptor Binding of Asp-Tyr-d-Phe-Gly-Trp-(N-Me)Nle-Asp-Phe-NH2(SNF 9007), a Cholecystokinin (26â^'33) Analogue That Binds to both CCK-B and Î´-Opioid Receptorsâ€. Journal of Medicinal Chemistry, 1996, 39, 4120-4124.	2.9	15
33	Effect of phosphatidylinositol and inside-out erythrocyte vesicles on autolysis of Î¼- and m-calpain from bovine skeletal muscle. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1693, 125-133.	1.9	13
34	A calcium-activated neutral protease in the frog nervous system which degrades rapidly transported axonal proteins. Brain Research, 1986, 381, 58-62.	1.1	12
35	Coupling of adenosine receptors to adenylate cyclase in postischemic rat brain. Cellular Signalling, 1993, 5, 337-343.	1.7	12
36	Involvement of MMPs in delayed neuronal death after global ischemia. Acta Neurobiologiae Experimentalis, 2002, 62, 53-61.	0.4	12

#	Article	IF	Citations
37	Calcium-activated neutral protease (CANP) in normal and dysmyelinating mutant paralytic tremor rabbit myelin. Molecular and Chemical Neuropathology, 1992, 16, 273-288.	1.0	11
38	Impact of a Histone Deacetylase Inhibitorâ€"Trichostatin A on Neurogenesis after Hypoxia-Ischemia in Immature Rats. International Journal of Molecular Sciences, 2020, 21, 3808.	1.8	11
39	Energy utilization and changes in some intermediates of glucose metabolism in normal and hypoxic rat brain after decapitation. Resuscitation, 1979, 7, 199-206.	1.3	10
40	Neuroprotective effects of histone deacetylase inhibitors in brain ischemia. Acta Neurobiologiae Experimentalis, 2014, 74, 383-95.	0.4	10
41	Tryptophan-norleucine 1,5-disubstituted tetrazoles as cis peptide bond mimics: Investigation of the bioactive conformation of a potent and selective peptide for the cholecystokinin-B receptor. Bioorganic and Medicinal Chemistry Letters, 1993, 3, 2011-2016.	1.0	9
42	Transient forebrain ischemia effects FAK-coupled signaling in gerbil hippocampus. Neurochemistry International, 2007, 51, 405-411.	1.9	9
43	A simple, xeno-free method for oligodendrocyte generation from human neural stem cells derived from umbilical cord: engagement of gelatinases in cell commitment and differentiation. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1442-1455.	1.3	8
44	Effects of anoxia and depolarization on the movement of carbon atoms derived from glucose into macromolecular fractions in rat brain slices. Journal of Neuroscience Research, 1979, 4, 247-260.	1.3	7
45	Autophosphorylation as a possible mechanism of calcium/calmodulin-dependent protein kinase II inhibition during ischemia. Neurochemistry International, 1996, 28, 175-181.	1.9	7
46	Effect of hypoxia and ischemia on the distribution of protein in brain cellular fractions. Neurochemical Research, 1979, 4, 15-23.	1.6	5
47	Arterial acid-base changes and brain energy metabolism in unanaesthetized rats in mild hypoxia. Resuscitation, 1979, 7, 207-214.	1.3	3
48	OGD induced modification of FAK- and PYK2-coupled pathways in organotypic hippocampal slice cultures. Brain Research, 2015, 1606, 21-33.	1.1	3
49	Imipramine administration induces changes in the phosphorylation of FAK and PYK2 and modulates signaling pathways related to their activity. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 424-433.	1.1	3
50	[N-methylnorleucine-(28,31)]cholecystokinin-(26â€"33) (SNF 8702) activity at a cloned rat CCKB receptor. European Journal of Pharmacology, 1994, 269, 133-138.	2.7	1
51	[3H] SNF 8702 Autoradiography of CCK-B Receptors in Guinea Pig Brain and Studies with a Cloned Rat CCK-B Receptor. Annals of the New York Academy of Sciences, 1994, 713, 380-383.	1.8	1