Kerrie D Pierce

List of Publications by Year
in descending order

33	1,650	430754	414303
papers	citations	18 h-index	32 g-index

35	35	35	1929
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of intracellular and extracellular domains mediating signal transduction in the inhibitory glycine receptor chloride channel. EMBO Journal, 1997, 16, 110-120.	3.5	200
2	Molecular cloning and expression of an adenosine A2b receptor from human brain. Biochemical and Biophysical Research Communications, 1992, 187, 86-93.	1.0	186
3	Mutation of an arginine residue in the human glycine receptor transforms Î²-alanine and taurine from agonists into competitive antagonists. Neuron, 1995, 14, 169-175.	3.8	155
4	Molecular characterization of a human brain adenosine A2 receptor. Molecular Brain Research, 1992, 15, 62-66.	2.5	148
5	Mutations in SLC20A2 are a major cause of familial idiopathic basal ganglia calcification. Neurogenetics, 2013, 14, 11-22.	0.7	131
6	Preliminary Evidence of the Short Allele of the Serotonin Transporter Gene Predicting Poor Response to Cognitive Behavior Therapy in Posttraumatic Stress Disorder. Biological Psychiatry, 2010, 67, 1217-1219.	0.7	98
7	Cation-selective Mutations in the M2 Domain of the Inhibitory Glycine Receptor Channel Reveal Determinants of Ion-Charge Selectivity. Journal of General Physiology, 2002, 119, 393-410.	0.9	89
8	The unique extracellular disulfide loop of the glycine receptor is a principal ligand binding element.. EMBO Journal, 1995, 14, 2987-2998.	3.5	79
9	Role of Charged Residues in Coupling Ligand Binding and Channel Activation in the Extracellular Domain of the Glycine Receptor. Journal of Biological Chemistry, 2003, 278, 50151-50157.	1.6	70
10	Expression of human glutathione S-transferase 2 in Escherichia coli. Immunological comparison with the basic glutathione S-transferases isoenzymes from human liver. Biochemical Journal, 1987, 248, 937-941.	1.7	67
11	Zinc Potentiation of the Glycine Receptor Chloride Channel Is Mediated by Allosteric Pathways. Journal of Neurochemistry, 2002, 71, 2159-2168.	2.1	60
12	The Surface Accessibility of the Glycine Receptor M2â€“M3 Loop Is Increased in the Channel Open State. Journal of Neuroscience, 2001, 21, 2589-2599.	1.7	59
13	A Nonsense Mutation in the Î±1 Subunit of the Inhibitory Glycine Receptor Associated with Bovine Myoclonus. Molecular and Cellular Neurosciences, 2001, 17, 354-363.	1.0	51
14	An examination of multiple classes of rare variants in extended families with bipolar disorder. Translational Psychiatry, 2018, 8, 65.	2.4	35
15	Comprehensive cross-disorder analyses of CNTNAP2 suggest it is unlikely to be a primary risk gene for psychiatric disorders. PLoS Genetics, 2018, 14, e1007535.	1.5	27
16	BDNF Genotype Interacts with Motor Function to Influence Rehabilitation Responsiveness Poststroke. Frontiers in Neurology, 2016, 7, 69.	1.1	23
17	Expression of Functional Coagulation Factor XIII in Escherichia coli. Thrombosis and Haemostasis, 1990, 63, 235-240.	1.8	20
18	Bovine myoclonus: Model of human hyperekplexia (Startle disease). Movement Disorders, 2002, 17, 743-744.	2.2	19

#	Article	IF	Citations
19	Neuronal fiber bundle lengths in healthy adult carriers of the ApoE4 allele: A quantitative tractography DTI study. Brain Imaging and Behavior, 2013, 7, 274-281.	1.1	19
20	Vulnerability of white matter tracts and cognition to the SOD2 polymorphism: A preliminary study of antioxidant defense genes in brain aging. Behavioural Brain Research, 2017, 329, 111-119.	1.2	16
21	Title is missing!. Cold Spring Harbor Symposia on Quantitative Biology, 1996, 61, 333-342.	2.0	14
22	A Single P-loop Glutamate Point Mutation to either Lysine or Arginine Switches the Cationâ€“Anion Selectivity of the CNGA2 Channel. Journal of General Physiology, 2006, 127, 375-389.	0.9	13
23	Genotyping cattle for inherited congenital myoclonus and maple syrup urine disease. Australian Veterinary Journal, 2002, 80, 695-697.	0.5	11
24	Neuromarkers of the common angiotensinogen polymorphism in healthy older adults: A comprehensive assessment of white matter integrity and cognition. Behavioural Brain Research, 2016, 296, 85-93.	1.2	11
25	Association between serotonin transporter promoter polymorphisms and psychological distress in a diabetic population. Psychiatry Research, 2012, 200, 343-348.	1.7	10
26	Impact of the AGTR1 A1166C polymorphism on subcortical hyperintensities and cognition in healthy older adults. Age, 2014, 36, 9664.	3.0	9
27	Cortical mediation of relationships between dopamine receptor D2 and cognition is absent in youth at risk of bipolar disorder. Psychiatry Research - Neuroimaging, 2021, 309, 111258.	0.9	8
28	In vivo somatic delivery of plasmid DNA and retrograde transport to obtain cell-specific gene expression in the central nervous system. Journal of Neurochemistry, 2004, 90, 1445-1452.	2.1	6
29	A linkage and exome study of multiplex families with bipolar disorder implicates rare coding variants of ANK3 and additional rare alleles at 10q11-q21. Journal of Psychiatry and Neuroscience, 2021, 46, E247-E257.	1.4	6
30	Mutation of the pore glutamate affects both cytoplasmic and external dequalinium block in the rat olfactory CNGA2 channel. European Biophysics Journal, 2005, 34, 442-453.	1.2	3
31	Triallelic relationships between the serotonin transporter polymorphism and cognition among healthy older adults. International Journal of Neuroscience, 2014, 124, 331-338.	0.8	3
32	Genetic markers of cholesterol transport and gray matter diffusion: a preliminary study of the CETP I405V polymorphism. Journal of Neural Transmission, 2015, 122, 1581-1592.	1.4	3
33	COMBINED WHOLE EXOME SEQUENCING AND LINKAGE ANALYSIS REVEALS LINKAGE TO 10Q11-10Q21 LOCUS WHICH IS NOT EXPLAINED BY GWAS-ASSOCIATED SNP OR RARE VARIANTS IN ANK3. European Neuropsychopharmacology, 2019, 29, S834-S835.	0.3	0