Russell J Buono

List of Publications by Year in descending order

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45 papers	2,706 citations	361413 20 h-index	254184 43 g-index
45 all docs	45 docs citations	45 times ranked	6417 citing authors

#	Article	IF	Citations
1	Spectrum of Phenotypic, Genetic, and Functional Characteristics in Patients With Epilepsy With KCNC2 Pathogenic Variants. Neurology, 2022, 98, .	1.1	11
2	Investigation of long interspersed elementâ€1 retrotransposons as potential risk factors for idiopathic temporal lobe epilepsy. Epilepsia, 2021, 62, 1329-1342.	5.1	6
3	Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. American Journal of Human Genetics, 2021, 108, 965-982.	6.2	35
4	Genetic Variation in PADI6-PADI4 on 1p36.13 Is Associated with Common Forms of Human Generalized Epilepsy. Genes, 2021, 12, 1441.	2.4	7
5	Using common genetic variants to find drugs for common epilepsies. Brain Communications, 2021, 3, fcab287.	3.3	9
6	Genetic Causes of Medication-Resistant Epilepsy. , 2020, , 69-78.		0
7	Epilepsy subtype-specific copy number burden observed in a genome-wide study of 17â€‰458 subjects. Brain, 2020, 143, 2106-2118.	7.6	47
8	The Molecular Genetic Interaction Between Circadian Rhythms and Susceptibility to Seizures and Epilepsy. Frontiers in Neurology, 2020, 11, 520.	2.4	12
9	Cognitive and behavioral effects of brief seizures in mice. Epilepsy and Behavior, 2019, 98, 249-257.	1.7	2
10	Ultra-Rare Genetic Variation in the Epilepsies: A Whole-Exome Sequencing Study of 17,606 Individuals. American Journal of Human Genetics, 2019, 105, 267-282.	6.2	237
11	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
12	P2-050: The golden brain bank: An Alzheimer's disease tissue repository. , 2015, 11, P500-P500.		0
13	BMAL1 controls the diurnal rhythm and set point for electrical seizure threshold in mice. Frontiers in Systems Neuroscience, 2014, 8, 121.	2.5	61
14	Quantitative trait loci analysis reveals candidate genes implicated in regulating functional deficit and CNS vascular permeability in CD8 T cell-initiated bloodâ€“brain barrier disruption. BMC Genomics, 2013, 14, 678.	2.8	2
15	Genome wide association studies (GWAS) and common forms of human epilepsy. Epilepsy and Behavior, 2013, 28, S63-S65.	1.7	17
16	Epilepsy, hippocampal sclerosis and febrile seizures linked by common genetic variation around SCN1A. Brain, 2013, 136, 3140-3150.	7.6	168
17	Quantitative trait locus on distal chromosome 1 regulates the occurrence of spontaneous spikeâ€wave discharges in DBA/2 mice. Epilepsia, 2012, 53, 1429-1435.	5.1	8
18	Potassium channel activity and glutamate uptake are impaired in astrocytes of seizureâ€susceptible DBA/2 mice. Epilepsia, 2010, 51, 1707-1713.	5.1	62

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19	Isoliquiritigenin suppresses cocaine-induced extracellular dopamine release in rat brain through GABAB receptor. European Journal of Pharmacology, 2008, 587, 124-128.	3.5	36
20	Proteomic and Behavioral Analysis of Response to Isoliquiritigenin in Brains of Acute Cocaine Treated Rats. Journal of Proteome Research, 2008, 7, 5094-5102.	3.7	23
21	Fine Mapping of a Major QTL Influencing Morphine Preference in C57BL/6 and DBA/2 Mice Using Congenic Strains. Neuropsychopharmacology, 2008, 33, 2801-2809.	5.4	18
22	Quantitative trait locus for seizure susceptibility on mouse chromosome 5 confirmed with reciprocal congenic strains. Physiological Genomics, 2007, 31, 458-462.	2.3	17
23	Novel De Novo Mutation of a Conserved SCN1A Amino-Acid Residue (R1596). Pediatric Neurology, 2007, 37, 303-305.	2.1	7
24	Identification of three mouse Î¼-opioid receptor (MOR) gene (Oprm1) splice variants containing a newly identified alternatively spliced exon. Gene, 2007, 388, 135-147.	2.2	30
25	Identification of five mouse Î¼-opioid receptor (MOR) gene (Oprm1) splice variants containing a newly identified alternatively spliced exon. Gene, 2007, 395, 98-107.	2.2	38
26	Analysis of a Quantitative Trait Locus for Seizure Susceptibility in Mice Using Bacterial Artificial Chromosome-Mediated Gene Transfer. Epilepsia, 2007, 48, 1667-1677.	5.1	26
27	Identification and functional significance of polymorphisms in the Î¼-opioid receptor gene (Oprm) promoter of C57BL/6 and DBA/2 mice. Neuroscience Research, 2006, 55, 244-254.	1.9	19
28	Role of genetics in the diagnosis and treatment of epilepsy. Expert Review of Neurotherapeutics, 2006, 6, 1789-1800.	2.8	17
29	Challenges and opportunities in the application of pharmacogenetics to antiepileptic drug therapy. Pharmacogenomics, 2006, 7, 89-103.	1.3	15
30	Lack of association between single nucleotide polymorphisms in the corticotropin releasing hormone receptor 1 (CRHR1) gene and alcohol dependence. Journal of Psychiatric Research, 2005, 39, 475-479.	3.1	19
31	Confirmation of a Major QTL Influencing Oral Morphine Intake in C57 and DBA Mice Using Reciprocal Congenic Strains. Neuropsychopharmacology, 2005, 30, 742-746.	5.4	37
32	No association between common variations in the human alpha 2 subunit gene (ATP1A2) of the sodiumâ€“potassium-transporting ATPase and idiopathic generalized epilepsy. Neuroscience Letters, 2005, 382, 33-38.	2.1	11
33	Recruitment rates and fear of phlebotomy in pediatric patients in a genetic study of epilepsy. Epilepsy and Behavior, 2005, 6, 444-446.	1.7	27
34	The relationship between the pharmacology of antiepileptic drugs and human gene variation: An overview. Epilepsy and Behavior, 2005, 7, 18-36.	1.7	75
35	Fine mapping of a seizure susceptibility locus on mouse Chromosome 1: nomination of Kcnj10 as a causative gene. Mammalian Genome, 2004, 15, 239-251.	2.2	123
36	Predicting outcome of initial treatment with carbamazepine in childhood focal epilepsy. Pediatric Neurology, 2004, 30, 311-315.	2.1	4

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37	Mouse strain variation in maximal electroshock seizure threshold. Brain Research, 2002, 936, 82-86.	2.2	57
38	Quantitative Genetic Study of Maximal Electroshock Seizure Threshold in Mice: Evidence for a Major Seizure Susceptibility Locus on Distal Chromosome 1. Genomics, 2001, 75, 35-42.	2.9	48
39	Mapping Loci for Pentylenetetrazol-Induced Seizure Susceptibility in Mice. Journal of Neuroscience, 1999, 19, 6733-6739.	3.6	179
40	Hypoxic Repression of Lactate Dehydrogenase-B in Retina. Experimental Eye Research, 1999, 69, 685-693.	2.6	22
41	Cloning of murine CDK9/PITALRE and its tissue-specific expression in development. Journal of Cellular Physiology, 1998, 177, 206-213.	4.1	55
42	Cloning of murine CDK9/PITALRE and its tissueâ€specific expression in development. Journal of Cellular Physiology, 1998, 177, 206-213.	4.1	2
43	Molecular analyses of carbonic anhydrase-II expression and regulation in the developing chicken lens. Developmental Dynamics, 1992, 194, 33-42.	1.8	7
44	Changes in distribution of mitochondria in the developing chick retina. Experimental Eye Research, 1991, 53, 187-198.	2.6	14
45	Changes in expression and distribution of lactate dehydrogenase isoenzymes in the developing chick retina. Experimental Eye Research, 1991, 53, 199-204.	2.6	11