Christopher S Ward

List of Publications by Year
in descending order

29 papers	1,529 citations	471509 17 h-index	580821 25 g-index
30 all docs	30 docs citations	30 times ranked	2051 citing authors

#	Article	IF	Citations
1	Loss of MeCP2 in aminergic neurons causes cell-autonomous defects in neurotransmitter synthesis and specific behavioral abnormalities. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21966-21971.	7.1	240
2	rRNA Promoter Regulation by Nonoptimal Binding of Ïƒ Region 1.2: An Additional Recognition Element for RNA Polymerase. Cell, 2006, 125, 1069-1082.	28.9	198
3	Female Mecp2+/â^' mice display robust behavioral deficits on two different genetic backgrounds providing a framework for pre-clinical studies. Human Molecular Genetics, 2013, 22, 96-109.	2.9	158
4	Breathing challenges in Rett Syndrome: Lessons learned from humans and animal models. Respiratory Physiology and Neurobiology, 2013, 189, 280-287.	1.6	107
5	Effects of sublethal UVA irradiation on activity levels of oxidative defense enzymes and protein oxidation in Escherichia coli. Journal of Photochemistry and Photobiology B: Biology, 2005, 81, 171-180.	3.8	84
6	MeCP2 Is Critical within HoxB1-Derived Tissues of Mice for Normal Lifespan. Journal of Neuroscience, 2011, 31, 10359-10370.	3.6	75
7	Pathogenesis of Lethal Cardiac Arrhythmias in Mecp2 Mutant Mice: Implication for Therapy in Rett Syndrome. Science Translational Medicine, 2011, 3, 113ra125.	12.4	72
8	Somatic Gain of KRAS Function in the Endothelium Is Sufficient to Cause Vascular Malformations That Require MEK but Not PI3K Signaling. Circulation Research, 2020, 127, 727-743.	4.5	68
9	Regional rescue of spinocerebellar ataxia type 1 phenotypes by 14-3-3 Îµ haploinsufficiency in mice underscores complex pathogenicity in neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2142-2147.	7.1	65
10	Insulinotropic treatments exacerbate metabolic syndrome in mice lacking MeCP2 function. Human Molecular Genetics, 2013, 22, 2626-2633.	2.9	55
11	Overexpression of Methyl-CpG Binding Protein 2 Impairs T _H 1 Responses. Science Translational Medicine, 2012, 4, 163ra158.	12.4	52
12	Loss of MeCP2 in the rat models regression, impaired sociability and transcriptional deficits of Rett syndrome. Human Molecular Genetics, 2016, 25, 3284-3302.	2.9	52
13	Respiratory Network Stability and Modulatory Response to Substance P Require Nalcn. Neuron, 2017, 94, 294-303.e4.	8.1	52
14	Atoh1 Governs the Migration of Postmitotic Neurons that Shape Respiratory Effectiveness at Birth and Chemoresponsiveness in Adulthood. Neuron, 2012, 75, 799-809.	8.1	51
15	Reduced hydroperoxidase (HPI and HPII) activity in the Î”fur mutant contributes to increased sensitivity to UVA radiation in Escherichia coli. Journal of Photochemistry and Photobiology B: Biology, 2005, 79, 151-157.	3.8	31
16	Progressive Changes in a Distributed Neural Circuit Underlie Breathing Abnormalities in Mice Lacking MeCP2. Journal of Neuroscience, 2016, 36, 5572-5586.	3.6	30
17	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy. , 2022, 1, 157-173.		22
18	Effect of UVA Fluence Rate on Indicators of Oxidative Stress in Human Dermal Fibroblasts. International Journal of Biological Sciences, 2008, 4, 63-70.	6.4	21

#	Article	IF	Citations
19	Genetic rodent models of brain disorders: Perspectives on experimental approaches and therapeutic strategies. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2017, 175, 368-379.	1.6	17
20	Neuronal SETD2 activity links microtubule methylation to an anxiety-like phenotype in mice. Brain, 2021, 144, 2527-2540.	7.6	17
21	Treatment of cardiac arrhythmias in Rett Syndrome with sodium channel blocking antiepileptic drugs. DMM Disease Models and Mechanisms, 2015, 8, 363-71.	2.4	15
22	Methyl-CpG binding-protein 2 function in cholinergic neurons mediates cardiac arrhythmogenesis. Human Molecular Genetics, 2016, 25, ddw326.	2.9	15
23	Loss of MeCP2 Causes Urological Dysfunction and Contributes to Death by Kidney Failure in Mouse Models of Rett Syndrome. PLoS ONE, 2016, 11, e0165550.	2.5	13
24	Loss of MeCP2 Function Across Several Neuronal Populations Impairs Breathing Response to Acute Hypoxia. Frontiers in Neurology, 2020, 11, 593554.	2.4	13
25	Identifying genetic determinants of inflammatory pain in mice using a large-scale gene-targeted screen. Pain, 2022, 163, 1139-1157.	4.2	4
26	155. Contactin-Associated Protein-Like 2 Deficiency in Juvenile Rats Recapitulates the Broad Phenotypic Spectrum in CNTNAP2-Related Disorders. Biological Psychiatry, 2017, 81, S64-S65.	1.3	1
27	Abstract 19072: Cardiac Autonomic Dysfunction in Mice Lacking Methyl CpG Binding Protein 2. Circulation, 2014, 130, .	1.6	0
28	Development of a Closed Loop Feature Detection Platform for Automated Neonate Cardioâ€Respiratory Measurements. FASEB Journal, 2020, 34, 1-1.	0.5	0
29	A Closed Loop Feature Detection Platform for Automated Neonate Cardioâ€Respiratory Measurements and Data Analysis. FASEB Journal, 2022, 36, .	0.5	0