

Anna Y Klintsova

List of Publications by Year in descending order

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58
papers

3,735
citations

159585

30
h-index

138484

58
g-index

62
all docs

62
docs citations

62
times ranked

3501
citing authors

#	ARTICLE	IF	CITATIONS
1	Fragile X mental retardation protein is translated near synapses in response to neurotransmitter activation. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 5395-5400.	7.1	581
2	Synaptic regulation of protein synthesis and the fragile X protein. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 7101-7106.	7.1	293
3	Pathology of Layer V Pyramidal Neurons in the Prefrontal Cortex of Patients With Schizophrenia. American Journal of Psychiatry, 2004, 161, 742-744.	7.2	222
4	Synaptic plasticity in cortical systems. Current Opinion in Neurobiology, 1999, 9, 203-208.	4.2	215
5	Fragile X mental retardation protein is necessary for neurotransmitter-activated protein translation at synapses. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17504-17509.	7.1	185
6	Altered expression of BDNF and its high-affinity receptor TrkB in response to complex motor learning and moderate exercise. Brain Research, 2004, 1028, 92-104.	2.2	158
7	Persistent Impairment of Hippocampal Neurogenesis in Young Adult Rats Following Early Postnatal Alcohol Exposure. Alcoholism: Clinical and Experimental Research, 2007, 31, 2073-2082.	2.4	143
8	Induction of Multiple Synapses by Experience in the Visual Cortex of Adult Rats. Neurobiology of Learning and Memory, 1997, 68, 13-20.	1.9	126
9	Therapeutic effects of complex motor training on motor performance deficits induced by neonatal binge-like alcohol exposure in rats. Brain Research, 1998, 800, 48-61.	2.2	125
10	Motor Impairment in Rats Exposed to PCBs and Methylmercury during Early Development. Toxicological Sciences, 2004, 77, 315-324.	3.1	97
11	Therapeutic effects of complex motor training on motor performance deficits induced by neonatal binge-like alcohol exposure in rats. Brain Research, 2002, 937, 83-93.	2.2	90
12	The effects of exercise on adolescent hippocampal neurogenesis in a rat model of binge alcohol exposure during the brain growth spurt. Brain Research, 2009, 1294, 1-11.	2.2	90
13	Stability of synaptic plasticity in the adult rat visual cortex induced by complex environment exposure. Brain Research, 2004, 1018, 130-135.	2.2	81
14	Postnatal binge-like alcohol exposure decreases dendritic complexity while increasing the density of mature spines in mPFC Layer II/III pyramidal neurons. Synapse, 2010, 64, 127-135.	1.2	76
15	Astrocytic volume fluctuates in the hippocampal CA1 region across the estrous cycle. Brain Research, 1995, 690, 269-274.	2.2	72
16	Morphometric study of synaptic patterns in the rat caudate nucleus and hippocampus under haloperidol treatment. Synapse, 1991, 7, 253-259.	1.2	69
17	Purkinje cell and cerebellar effects following developmental exposure to PCBs and/or MeHg. Neurotoxicology and Teratology, 2006, 28, 74-85.	2.4	67
18	A Receptor for Activated C Kinase Is Part of Messenger Ribonucleoprotein Complexes Associated with PolyA-mRNAs in Neurons. Journal of Neuroscience, 2002, 22, 8827-8837.	3.6	66

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19	Postnatal binge-like alcohol exposure reduces spine density without affecting dendritic morphology in rat mPFC. <i>Synapse</i> , 2008, 62, 566-573.	1.2	62
20	Biological Effects of Long-Duration, High-Field (4 T) MRI on Growth and Development in the Mouse. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 140-149.	3.4	59
21	Neonatal binge alcohol exposure increases microglial activation in the developing rat hippocampus. <i>Neuroscience</i> , 2016, 324, 355-366.	2.3	58
22	Therapeutic motor training ameliorates cerebellar effects of postnatal binge alcohol. <i>Neurotoxicology and Teratology</i> , 2000, 22, 125-132.	2.4	53
23	Neonatal alcohol exposure disrupts hippocampal neurogenesis and contextual fear conditioning in adult rats. <i>Brain Research</i> , 2011, 1412, 88-101.	2.2	47
24	Exercise and environment as an intervention for neonatal alcohol effects on hippocampal adult neurogenesis and learning. <i>Neuroscience</i> , 2014, 265, 274-290.	2.3	44
25	A converging-methods approach to fragile X syndrome. <i>Developmental Psychobiology</i> , 2002, 40, 323-338.	1.6	42
26	Insensitivity of the Hippocampus to Environmental Stimulation during Postnatal Development. <i>Journal of Neuroscience</i> , 1997, 17, 7967-7973.	3.6	40
27	Neurotrophins in the Brain. <i>Vitamins and Hormones</i> , 2017, 104, 197-242.	1.7	40
28	Neonatal alcohol exposure and the hippocampus in developing male rats: effects on behaviorally induced CA1 c-Fos expression, CA1 pyramidal cell number, and contextual fear conditioning. <i>Neuroscience</i> , 2012, 206, 89-99.	2.3	35
29	Long-Term Consequences of Developmental Alcohol Exposure on Brain Structure and Function: Therapeutic Benefits of Physical Activity. <i>Brain Sciences</i> , 2013, 3, 1-38.	2.3	34
30	Voluntary exercise partially reverses neonatal alcohol-induced deficits in mPFC layer II/III dendritic morphology of male adolescent rats. <i>Synapse</i> , 2015, 69, 405-415.	1.2	34
31	Housing in Environmental Complexity Following Wheel Running Augments Survival of Newly Generated Hippocampal Neurons in a Rat Model of Binge Alcohol Exposure During the Third Trimester Equivalent. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1196-1204.	2.4	33
32	Selective septohippocampal " but not forebrain amygdalar " cholinergic dysfunction in diencephalic amnesia. <i>Brain Research</i> , 2007, 1139, 210-219.	2.2	30
33	Binge-like postnatal alcohol exposure triggers cortical gliogenesis in adolescent rats. <i>Journal of Comparative Neurology</i> , 2009, 514, 259-271.	1.6	30
34	Therapeutic Motor Training Increases Parallel Fiber Synapse Number Per Purkinje Neuron in Cerebellar Cortex of Rats Given Postnatal Binge Alcohol Exposure: Preliminary Report. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 1257-1263.	2.4	25
35	Effects of developmental alcohol exposure vs. intubation stress on BDNF and TrkB expression in the hippocampus and frontal cortex of neonatal rats. <i>International Journal of Developmental Neuroscience</i> , 2015, 43, 16-24.	1.6	25
36	Impact of exercise and a complex environment on hippocampal dendritic morphology, <i>scp</i> <i>B</i> gene expression, and <i>scp</i> <i>DNA</i> methylation in male rat pups neonatally exposed to alcohol. <i>Developmental Neurobiology</i> , 2017, 77, 708-725.	3.0	24

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37	Activity and social behavior in a complex environment in rats neonatally exposed to alcohol. <i>Alcohol</i> , 2014, 48, 533-541.	1.7	23
38	Sex Differences in Early Postnatal Microglial Colonization of the Developing Rat Hippocampus Following a Single-Day Alcohol Exposure. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 189-203.	4.1	23
39	Fos protein immunoreactivity in the developing olfactory bulbs of normal and naris-occluded rats. <i>Developmental Brain Research</i> , 1995, 86, 114-122.	1.7	21
40	Oligodendrocyte/myelin-immunoreactivity n the developing olfactory system. <i>Neuroscience</i> , 1995, 67, 1009-1019.	2.3	17
41	Fetal Alcohol Effects: Mechanisms and Treatment. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 110S-116S.	2.4	15
42	Effects of exercise and environmental complexity on deficits in trace and contextual fear conditioning produced by neonatal alcohol exposure in rats. <i>Developmental Psychobiology</i> , 2013, 55, 483-495.	1.6	15
43	Stage-dependent alterations of progenitor cell proliferation and neurogenesis in an animal model of Wernickeâ€Korsakoff syndrome. <i>Brain Research</i> , 2011, 1391, 132-146.	2.2	14
44	Rehabilitation Training Using Complex Motor Learning Rescues Deficits in Eyeblick Classical Conditioning in Female Rats Induced by Binge-Like Neonatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1561-1570.	2.4	14
45	Examination of <scp>cortically projecting</scp> cholinergic neurons following exercise and environmental intervention in a rodent model of fetal alcohol spectrum disorders. <i>Birth Defects Research</i> , 2021, 113, 299-313.	1.5	14
46	Epigenetic mechanisms in alcohol- and adversity-induced developmental origins of neurobehavioral functioning. <i>Neurotoxicology and Teratology</i> , 2018, 66, 63-79.	2.4	13
47	Wheel Running and Environmental Complexity as a Therapeutic Intervention in an Animal Model of FASD. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	12
48	Nucleus reuniens of the midline thalamus of a rat is specifically damaged after early postnatal alcohol exposure. <i>NeuroReport</i> , 2019, 30, 748-752.	1.2	12
49	Postnatal alcohol exposure and adolescent exercise have opposite effects on cerebellar microglia in rat. <i>International Journal of Developmental Neuroscience</i> , 2020, 80, 558-571.	1.6	12
50	Single-day Postnatal Alcohol Exposure Induces Apoptotic Cell Death and Causes long-term Neuron Loss in Rodent Thalamic Nucleus Reuniens. <i>Neuroscience</i> , 2020, 435, 124-134.	2.3	12
51	Glia-Driven Brain Circuit Refinement Is Altered by Early-Life Adversity: Behavioral Outcomes. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 786234.	2.0	12
52	Fetal Alcohol Effects: Potential Treatments From Basic Science. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 1074-1079.	2.4	8
53	Midline Thalamic Damage Associated with Alcohol-Use Disorders: Disruption of Distinct Thalamocortical Pathways and Function. <i>Neuropsychology Review</i> , 2020, 31, 447-471.	4.9	7
54	Executive functioning-specific behavioral impairments in a rat model of human third trimester binge drinking implicate prefrontal-thalamo-hippocampal circuitry in Fetal Alcohol Spectrum Disorders. <i>Behavioural Brain Research</i> , 2021, 405, 113208.	2.2	7

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55	Reduced and delayed myelination and volume of corpus callosum in an animal model of Fetal Alcohol Spectrum Disorders partially benefit from voluntary exercise. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
56	Disruptions to hippocampal adult neurogenesis in rodent models of fetal alcohol spectrum disorders. <i>Neurogenesis (Austin, Tex)</i> , 2017, 4, e1324259.	1.5	3
57	Changes in Representation of Thalamic Projection Neurons within Prefrontal-Thalamic-Hippocampal Circuitry in a Rat Model of Third Trimester Binge Drinking. <i>Brain Sciences</i> , 2021, 11, 323.	2.3	2
58	OUP accepted manuscript. <i>Alcohol and Alcoholism</i> , 2022, , .	1.6	1