

Anna Y Klintsova

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

3,253
citations

29
h-index

57
g-index

62
ext. papers

3,496
ext. citations

4.2
avg, IF

4.91
L-index

#	Paper	IF	Citations
55	Fragile X mental retardation protein is translated near synapses in response to neurotransmitter activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 5395-400	11.5	533
54	Synaptic regulation of protein synthesis and the fragile X protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 7101-6	11.5	258
53	Synaptic plasticity in cortical systems. <i>Current Opinion in Neurobiology</i> , 1999 , 9, 203-8	7.6	185
52	Pathology of layer V pyramidal neurons in the prefrontal cortex of patients with schizophrenia. <i>American Journal of Psychiatry</i> , 2004 , 161, 742-4	11.9	184
51	Fragile X mental retardation protein is necessary for neurotransmitter-activated protein translation at synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17504-9	11.5	170
50	Altered expression of BDNF and its high-affinity receptor TrkB in response to complex motor learning and moderate exercise. <i>Brain Research</i> , 2004 , 1028, 92-104	3.7	145
49	Persistent impairment of hippocampal neurogenesis in young adult rats following early postnatal alcohol exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 2073-82	3.7	130
48	Induction of multiple synapses by experience in the visual cortex of adult rats. <i>Neurobiology of Learning and Memory</i> , 1997 , 68, 13-20	3.1	115
47	Motor impairment in rats exposed to PCBs and methylmercury during early development. <i>Toxicological Sciences</i> , 2004 , 77, 315-24	4.4	86
46	Therapeutic effects of complex motor training on motor performance deficits induced by neonatal binge-like alcohol exposure in rats . I. Behavioral results. <i>Brain Research</i> , 1998 , 800, 48-61	3.7	85
45	The effects of exercise on adolescent hippocampal neurogenesis in a rat model of binge alcohol exposure during the brain growth spurt. <i>Brain Research</i> , 2009 , 1294, 1-11	3.7	82
44	Therapeutic effects of complex motor training on motor performance deficits induced by neonatal binge-like alcohol exposure in rats: II. A quantitative stereological study of synaptic plasticity in female rat cerebellum. <i>Brain Research</i> , 2002 , 937, 83-93	3.7	79
43	Postnatal binge-like alcohol exposure decreases dendritic complexity while increasing the density of mature spines in mPFC Layer II/III pyramidal neurons. <i>Synapse</i> , 2010 , 64, 127-35	2.4	73
42	Stability of synaptic plasticity in the adult rat visual cortex induced by complex environment exposure. <i>Brain Research</i> , 2004 , 1018, 130-5	3.7	69
41	Astrocytic volume fluctuates in the hippocampal CA1 region across the estrous cycle. <i>Brain Research</i> , 1995 , 690, 269-74	3.7	68
40	Morphometric study of synaptic patterns in the rat caudate nucleus and hippocampus under haloperidol treatment. <i>Synapse</i> , 1991 , 7, 253-9	2.4	63
39	A receptor for activated C kinase is part of messenger ribonucleoprotein complexes associated with polyA-mRNAs in neurons. <i>Journal of Neuroscience</i> , 2002 , 22, 8827-37	6.6	62

38	Purkinje cell and cerebellar effects following developmental exposure to PCBs and/or MeHg. <i>Neurotoxicology and Teratology</i> , 2006 , 28, 74-85	3.9	59
37	Postnatal binge-like alcohol exposure reduces spine density without affecting dendritic morphology in rat mPFC. <i>Synapse</i> , 2008 , 62, 566-73	2.4	58
36	Neonatal binge alcohol exposure increases microglial activation in the developing rat hippocampus. <i>Neuroscience</i> , 2016 , 324, 355-66	3.9	52
35	Therapeutic motor training ameliorates cerebellar effects of postnatal binge alcohol. <i>Neurotoxicology and Teratology</i> , 2000 , 22, 125-32	3.9	51
34	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, 140-9	5.6	50
33	Neonatal alcohol exposure disrupts hippocampal neurogenesis and contextual fear conditioning in adult rats. <i>Brain Research</i> , 2011 , 1412, 88-101	3.7	45
32	Exercise and environment as an intervention for neonatal alcohol effects on hippocampal adult neurogenesis and learning. <i>Neuroscience</i> , 2014 , 265, 274-90	3.9	38
31	Insensitivity of the hippocampus to environmental stimulation during postnatal development. <i>Journal of Neuroscience</i> , 1997 , 17, 7967-73	6.6	37
30	A converging-methods approach to fragile X syndrome. <i>Developmental Psychobiology</i> , 2002 , 40, 323-38	3	36
29	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	3.9	33
28	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, 1196-204	3.7	31
27	Selective septohippocampal - but not forebrain amygdalar - cholinergic dysfunction in diencephalic amnesia. <i>Brain Research</i> , 2007 , 1139, 210-9	3.7	30
26	Voluntary exercise partially reverses neonatal alcohol-induced deficits in mPFC layer II/III dendritic morphology of male adolescent rats. <i>Synapse</i> , 2015 , 69, 405-15	2.4	29
25	Binge-like postnatal alcohol exposure triggers cortical gliogenesis in adolescent rats. <i>Journal of Comparative Neurology</i> , 2009 , 514, 259-71	3.4	28
24	Neurotrophins in the Brain: Interaction With Alcohol Exposure During Development. <i>Vitamins and Hormones</i> , 2017 , 104, 197-242	2.5	27
23	Long-term consequences of developmental alcohol exposure on brain structure and function: therapeutic benefits of physical activity. <i>Brain Sciences</i> , 2012 , 3, 1-38	3.4	23
22	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	2.7	21
21	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	3.7	21

20	Fos protein immunoreactivity in the developing olfactory bulbs of normal and naris-occluded rats. <i>Developmental Brain Research</i> , 1995 , 86, 114-22		21
19	Activity and social behavior in a complex environment in rats neonatally exposed to alcohol. <i>Alcohol</i> , 2014 , 48, 533-41	2.7	20
18	Impact of exercise and a complex environment on hippocampal dendritic morphology, Bdnf gene expression, and DNA methylation in male rat pups neonatally exposed to alcohol. <i>Developmental Neurobiology</i> , 2017 , 77, 708-725	3.2	18
17	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	6.9	17
16	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, 483-95	3	14
15	Stage-dependent alterations of progenitor cell proliferation and neurogenesis in an animal model of Wernicke-Korsakoff syndrome. <i>Brain Research</i> , 2011 , 1391, 132-46	3.7	14
14	Oligodendrocyte/myelin-immunoreactivity in the developing olfactory system. <i>Neuroscience</i> , 1995 , 67, 1009-19	3.9	13
13	Rehabilitation training using complex motor learning rescues deficits in eyeblink classical conditioning in female rats induced by binge-like neonatal alcohol exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37, 1561-70	3.7	12
12	Fetal Alcohol Effects: Mechanisms and Treatment. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 110S-116S	3.7	12
11	Epigenetic mechanisms in alcohol- and adversity-induced developmental origins of neurobehavioral functioning. <i>Neurotoxicology and Teratology</i> , 2018 , 66, 63-79	3.9	11
10	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	3.9	8
9	Fetal Alcohol Effects: Potential Treatments From Basic Science. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1074-1079	3.7	7
8	Nucleus reuniens of the midline thalamus of a rat is specifically damaged after early postnatal alcohol exposure. <i>NeuroReport</i> , 2019 , 30, 748-752	1.7	7
7	Wheel Running and Environmental Complexity as a Therapeutic Intervention in an Animal Model of FASD. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	4
6	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	2.7	4
5	Midline Thalamic Damage Associated with Alcohol-Use Disorders: Disruption of Distinct Thalamocortical Pathways and Function. <i>Neuropsychology Review</i> , 2021 , 31, 447-471	7.7	4
4	Examination of cortically projecting 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	2.9	4
3	Disruptions to hippocampal adult neurogenesis in rodent models of fetal alcohol spectrum disorders. <i>Neurogenesis (Austin, Tex)</i> , 2017 , 4, e1324259		3

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| 2 | Glia-Driven Brain Circuit Refinement Is Altered by Early-Life Adversity: Behavioral Outcomes..
<i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 786234 | 3.5 | 2 |
| 1 | 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 | 3.4 | 0 |