

Tallie Z Baram

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209
papers

17,613
citations

73
h-index

128
g-index

228
ext. papers

20,021
ext. citations

6.6
avg, IF

6.86
L-index

#	Paper	IF	Citations
209	The role of inflammation in epilepsy. <i>Nature Reviews Neurology</i> , 2011 , 7, 31-40	15	1114
208	The neuro-symphony of stress. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 459-66	13.5	1028
207	Early life programming and neurodevelopmental disorders. <i>Biological Psychiatry</i> , 2010 , 68, 314-9	7.9	645
206	Persistently modified h-channels after complex febrile seizures convert the seizure-induced enhancement of inhibition to hyperexcitability. <i>Nature Medicine</i> , 2001 , 7, 331-7	50.5	351
205	Mechanisms of late-onset cognitive decline after early-life stress. <i>Journal of Neuroscience</i> , 2005 , 25, 9328-38	6.8	348
204	Stressed-out, or in (utero)? <i>Trends in Neurosciences</i> , 2002 , 25, 518-24	13.3	331
203	A novel mouse model for acute and long-lasting consequences of early life stress. <i>Endocrinology</i> , 2008 , 149, 4892-900	4.8	327
202	Interleukin-1beta contributes to the generation of experimental febrile seizures. <i>Annals of Neurology</i> , 2005 , 57, 152-5	9.4	315
201	Infantile spasms: a U.S. consensus report. <i>Epilepsia</i> , 2010 , 51, 2175-89	6.4	309
200	Prolonged febrile seizures in the immature rat model enhance hippocampal excitability long term. <i>Annals of Neurology</i> , 2000 , 47, 336-344	9.4	301
199	Hippocampal dysfunction and cognitive impairments provoked by chronic early-life stress involve excessive activation of CRH receptors. <i>Journal of Neuroscience</i> , 2010 , 30, 13005-15	6.6	279
198	Seizure-induced neuronal injury: vulnerability to febrile seizures in an immature rat model. <i>Journal of Neuroscience</i> , 1998 , 18, 4285-94	6.6	265
197	Temporal lobe epilepsy after experimental prolonged febrile seizures: prospective analysis. <i>Brain</i> , 2006 , 129, 911-22	11.2	261
196	Febrile seizures in the developing brain result in persistent modification of neuronal excitability in limbic circuits. <i>Nature Medicine</i> , 1999 , 5, 888-94	50.5	255
195	Toward Understanding How Early-Life Stress Reprograms Cognitive and Emotional Brain Networks. <i>Neuropsychopharmacology</i> , 2016 , 41, 197-206	8.7	227
194	Developmental febrile seizures modulate hippocampal gene expression of hyperpolarization-activated channels in an isoform- and cell-specific manner. <i>Journal of Neuroscience</i> , 2002 , 22, 4591-9	6.6	225
193	High-dose Corticotropin (ACTH) Versus Prednisone for Infantile Spasms: A Prospective, Randomized, Blinded Study. <i>Pediatrics</i> , 1996 , 97, 375-379	7.4	224

192	Involvement of stress-released corticotropin-releasing hormone in the basolateral amygdala in regulating memory consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13908-13	11.5	221
191	Epileptogenesis provoked by prolonged experimental febrile seizures: mechanisms and biomarkers. <i>Journal of Neuroscience</i> , 2010 , 30, 7484-94	6.6	198
190	Febrile seizures: an appropriate-aged model suitable for long-term studies. <i>Developmental Brain Research</i> , 1997 , 98, 265-70		198
189	Mitochondrial uncoupling protein-2 protects the immature brain from excitotoxic neuronal death. <i>Annals of Neurology</i> , 2003 , 53, 711-7	9.4	198
188	Rapid loss of dendritic spines after stress involves derangement of spine dynamics by corticotropin-releasing hormone. <i>Journal of Neuroscience</i> , 2008 , 28, 2903-11	6.6	191
187	Neuropeptide-mediated excitability: a key triggering mechanism for seizure generation in the developing brain. <i>Trends in Neurosciences</i> , 1998 , 21, 471-6	13.3	186
186	Immunocytochemical distribution of corticotropin-releasing hormone receptor type-1 (CRF(1))-like immunoreactivity in the mouse brain: light microscopy analysis using an antibody directed against the C-terminus. <i>Journal of Comparative Neurology</i> , 2000 , 420, 305-23	3.4	182
185	Correlated memory defects and hippocampal dendritic spine loss after acute stress involve corticotropin-releasing hormone signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13123-8	11.5	181
184	The neuron-specific chromatin regulatory subunit BAF53b is necessary for synaptic plasticity and memory. <i>Nature Neuroscience</i> , 2013 , 16, 552-61	25.5	172
183	Fever, febrile seizures and epilepsy. <i>Trends in Neurosciences</i> , 2007 , 30, 490-6	13.3	170
182	Chronic early life stress induced by limited bedding and nesting (LBN) material in rodents: critical considerations of methodology, outcomes and translational potential. <i>Stress</i> , 2017 , 20, 421-448	3	169
181	New roles for interleukin-1 Beta in the mechanisms of epilepsy. <i>Epilepsy Currents</i> , 2007 , 7, 45-50	1.3	166
180	Fragmentation and unpredictability of early-life experience in mental disorders. <i>American Journal of Psychiatry</i> , 2012 , 169, 907-15	11.9	162
179	Naturalistic rodent models of chronic early-life stress. <i>Developmental Psychobiology</i> , 2014 , 56, 1675-88	3	160
178	Hippocampal neuroplasticity induced by early-life stress: functional and molecular aspects. <i>Frontiers in Neuroendocrinology</i> , 2006 , 27, 180-92	8.9	159
177	Altered function of the SCN1A voltage-gated sodium channel leads to gamma-aminobutyric acid-ergic (GABAergic) interneuron abnormalities. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9823-9834	5.4	157
176	Enhanced expression of a specific hyperpolarization-activated cyclic nucleotide-gated cation channel (HCN) in surviving dentate gyrus granule cells of human and experimental epileptic hippocampus. <i>Journal of Neuroscience</i> , 2003 , 23, 6826-36	6.6	156
175	Corticotropin-releasing hormone is a rapid and potent convulsant in the infant rat. <i>Developmental Brain Research</i> , 1991 , 61, 97-101		144

174	Abnormal corticosterone regulation in an immature rat model of continuous chronic stress. <i>Pediatric Neurology</i> , 1996 , 15, 114-9	2.9	143
173	Modulation of dendritic differentiation by corticotropin-releasing factor in the developing hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 15782-7	11.5	141
172	Sculpting the hippocampus from within: stress, spines, and CRH. <i>Trends in Neurosciences</i> , 2012 , 35, 315-24	13.3	134
171	Febrile seizures: mechanisms and relationship to epilepsy. <i>Brain and Development</i> , 2009 , 31, 366-71	2.2	132
170	Mossy fiber plasticity and enhanced hippocampal excitability, without hippocampal cell loss or altered neurogenesis, in an animal model of prolonged febrile seizures. <i>Hippocampus</i> , 2003 , 13, 399-412	3.5	132
169	Neuron-restrictive silencer factor-mediated hyperpolarization-activated cyclic nucleotide gated channelopathy in experimental temporal lobe epilepsy. <i>Annals of Neurology</i> , 2011 , 70, 454-64	9.4	131
168	Early-life experience reduces excitation to stress-responsive hypothalamic neurons and reprograms the expression of corticotropin-releasing hormone. <i>Journal of Neuroscience</i> , 2010 , 30, 703-13	6.6	129
167	Forebrain CRF β modulates early-life stress-programmed cognitive deficits. <i>Journal of Neuroscience</i> , 2011 , 31, 13625-34	6.6	123
166	Forebrain CRHR1 deficiency attenuates chronic stress-induced cognitive deficits and dendritic remodeling. <i>Neurobiology of Disease</i> , 2011 , 42, 300-10	7.5	121
165	Down-regulation of hypothalamic corticotropin-releasing hormone messenger ribonucleic acid (mRNA) precedes early-life experience-induced changes in hippocampal glucocorticoid receptor mRNA. <i>Endocrinology</i> , 2001 , 142, 89-97	4.8	120
164	Novel and transient populations of corticotropin-releasing hormone-expressing neurons in developing hippocampus suggest unique functional roles: a quantitative spatiotemporal analysis. <i>Journal of Neuroscience</i> , 2001 , 21, 7171-81	6.6	117
163	Corticotropin releasing factor mRNA expression in the hypothalamic paraventricular nucleus and the central nucleus of the amygdala is modulated by repeated acute stress in the immature rat. <i>Journal of Neuroendocrinology</i> , 1998 , 10, 663-9	3.8	108
162	Corticotropin-releasing hormone-induced seizures in infant rats originate in the amygdala. <i>Annals of Neurology</i> , 1992 , 31, 488-94	9.4	108
161	The CRF1 receptor mediates the excitatory actions of corticotropin releasing factor (CRF) in the developing rat brain: in vivo evidence using a novel, selective, non-peptide CRF receptor antagonist. <i>Brain Research</i> , 1997 , 770, 89-95	3.7	104
160	Formation of heteromeric hyperpolarization-activated cyclic nucleotide-gated (HCN) channels in the hippocampus is regulated by developmental seizures. <i>Neurobiology of Disease</i> , 2005 , 19, 200-7	7.5	104
159	The multiple personalities of h-channels. <i>Trends in Neurosciences</i> , 2003 , 26, 550-4	13.3	104
158	Corticotropin (ACTH) acts directly on amygdala neurons to down-regulate corticotropin-releasing hormone gene expression. <i>Annals of Neurology</i> , 2001 , 49, 304-312	9.4	104
157	Enduring, handling-evoked enhancement of hippocampal memory function and glucocorticoid receptor expression involves activation of the corticotropin-releasing factor type 1 receptor. <i>Endocrinology</i> , 2005 , 146, 4090-6	4.8	97

156	Neuroplasticity of the hypothalamic-pituitary-adrenal axis early in life requires recurrent recruitment of stress-regulating brain regions. <i>Journal of Neuroscience</i> , 2006 , 26, 2434-42	6.6	95
155	Differential regulation of the expression of corticotropin-releasing factor receptor type 2 (CRF2) in hypothalamus and amygdala of the immature rat by sensory input and food intake. <i>Journal of Neuroscience</i> , 1999 , 19, 3982-91	6.6	92
154	Developmental profile of messenger RNA for the corticotropin-releasing hormone receptor in the rat limbic system. <i>Developmental Brain Research</i> , 1996 , 91, 159-63		92
153	Cognitive dysfunction after experimental febrile seizures. <i>Experimental Neurology</i> , 2009 , 215, 167-77	5.7	87
152	Anhedonia Following Early-Life Adversity Involves Aberrant Interaction of Reward and Anxiety Circuits and Is Reversed by Partial Silencing of Amygdala Corticotropin-Releasing Hormone Gene. <i>Biological Psychiatry</i> , 2018 , 83, 137-147	7.9	85
151	Tuning synaptic transmission in the hippocampus by stress: the CRH system. <i>Frontiers in Cellular Neuroscience</i> , 2012 , 6, 13	6.1	84
150	Corticotropin-releasing hormone (CRH)-containing neurons in the immature rat hippocampal formation: light and electron microscopic features and colocalization with glutamate decarboxylase and parvalbumin. <i>Hippocampus</i> , 1998 , 8, 231-43	3.5	84
149	The central corticotropin releasing factor system during development and adulthood. <i>European Journal of Pharmacology</i> , 2008 , 583, 204-14	5.3	84
148	A novel, noninvasive, predictive epilepsy biomarker with clinical potential. <i>Journal of Neuroscience</i> , 2014 , 34, 8672-84	6.6	82
147	The transcription factor NRSF contributes to epileptogenesis by selective repression of a subset of target genes. <i>ELife</i> , 2014 , 3, e01267	8.9	82
146	Emerging roles of epigenetic mechanisms in the enduring effects of early-life stress and experience on learning and memory. <i>Neurobiology of Learning and Memory</i> , 2011 , 96, 79-88	3.1	80
145	Towards an integrated view of HCN channel role in epilepsy. <i>Current Opinion in Neurobiology</i> , 2011 , 21, 873-9	7.6	78
144	Serial MRI after experimental febrile seizures: altered T2 signal without neuronal death. <i>Annals of Neurology</i> , 2004 , 56, 709-14	9.4	78
143	Exposure to unpredictable maternal sensory signals influences cognitive development across species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10390-10395	11.5	76
142	Spatial and temporal evolution of neuronal activation, stress and injury in lithium-pilocarpine seizures in adult rats. <i>Brain Research</i> , 1998 , 793, 61-72	3.7	76
141	Effects of maternal and sibling deprivation on basal and stress induced hypothalamic-pituitary-adrenal components in the infant rat. <i>Neuroscience Letters</i> , 1995 , 192, 49-52	3.3	76
140	Augmented currents of an HCN2 variant in patients with febrile seizure syndromes. <i>Annals of Neurology</i> , 2010 , 67, 542-6	9.4	75
139	The pathways from mother's love to baby's future. <i>Frontiers in Behavioral Neuroscience</i> , 2009 , 3, 27	3.5	74

138	Quantitative analysis and subcellular distribution of mRNA and protein expression of the hyperpolarization-activated cyclic nucleotide-gated channels throughout development in rat hippocampus. <i>Cerebral Cortex</i> , 2007 , 17, 702-12	5.1	74
137	How do the many etiologies of West syndrome lead to excitability and seizures? The corticotropin releasing hormone excess hypothesis. <i>Brain and Development</i> , 2001 , 23, 533-8	2.2	74
136	Mechanisms of seizure-induced transcriptional channelopathy of hyperpolarization-activated cyclic nucleotide gated (HCN) channels. <i>Neurobiology of Disease</i> , 2008 , 29, 297-305	7.5	72
135	Peptide-induced infant status epilepticus causes neuronal death and synaptic reorganization. <i>NeuroReport</i> , 1995 , 6, 277-80	1.7	71
134	Dual and Opposing Roles of MicroRNA-124 in Epilepsy Are Mediated through Inflammatory and NRSF-Dependent Gene Networks. <i>Cell Reports</i> , 2016 , 14, 2402-12	10.6	69
133	Origins of temporal lobe epilepsy: febrile seizures and febrile status epilepticus. <i>Neurotherapeutics</i> , 2014 , 11, 242-50	6.4	69
132	Stress and the developing hippocampus: a double-edged sword?. <i>Molecular Neurobiology</i> , 2003 , 27, 121-36	3.6	67
131	Regulated expression of HCN channels and cAMP levels shape the properties of the h current in developing rat hippocampus. <i>European Journal of Neuroscience</i> , 2006 , 24, 94-104	3.5	65
130	Short-term modern life-like stress exacerbates A β pathology and synapse loss in 3xTg-AD mice. <i>Journal of Neurochemistry</i> , 2015 , 134, 915-26	6	64
129	Postnatal expression pattern of HCN channel isoforms in thalamic neurons: relationship to maturation of thalamocortical oscillations. <i>Journal of Neuroscience</i> , 2009 , 29, 8847-57	6.6	64
128	New insights into early-life stress and behavioral outcomes. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 14, 133-139	4	62
127	Corticotropin-releasing hormone (CRH) downregulates the function of its receptor (CRF1) and induces CRF1 expression in hippocampal and cortical regions of the immature rat brain. <i>Experimental Neurology</i> , 2002 , 176, 75-86	5.7	62
126	NMDA receptor activation and calpain contribute to disruption of dendritic spines by the stress neuropeptide CRH. <i>Journal of Neuroscience</i> , 2013 , 33, 16945-60	6.6	59
125	MRI uncovers disrupted hippocampal microstructure that underlies memory impairments after early-life adversity. <i>Hippocampus</i> , 2016 , 26, 1618-1632	3.5	59
124	Glucocorticoid receptor mRNA ontogeny in the fetal and postnatal rat forebrain. <i>Molecular and Cellular Neurosciences</i> , 1994 , 5, 385-93	4.8	58
123	Febrile seizures and mechanisms of epileptogenesis: insights from an animal model. <i>Advances in Experimental Medicine and Biology</i> , 2004 , 548, 213-25	3.6	58
122	Plasticity of the stress response early in life: mechanisms and significance. <i>Developmental Psychobiology</i> , 2010 , 52, 661-70	3	57
121	Functional stabilization of weakened thalamic pacemaker channel regulation in rat absence epilepsy. <i>Journal of Physiology</i> , 2006 , 575, 83-100	3.9	57

120	Diversity of Reporter Expression Patterns in Transgenic Mouse Lines Targeting Corticotropin-Releasing Hormone-Expressing Neurons. <i>Endocrinology</i> , 2015 , 156, 4769-80	4.8	56
119	Region-specific onset of handling-induced changes in corticotropin-releasing factor and glucocorticoid receptor expression. <i>Endocrinology</i> , 2004 , 145, 2702-6	4.8	56
118	Localization of HCN1 channels to presynaptic compartments: novel plasticity that may contribute to hippocampal maturation. <i>Journal of Neuroscience</i> , 2007 , 27, 4697-706	6.6	55
117	Developmental seizures induced by common early-life insults: short- and long-term effects on seizure susceptibility. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2000 , 6, 253-7		55
116	ACTH does not control neonatal seizures induced by administration of exogenous corticotropin-releasing hormone. <i>Epilepsia</i> , 1995 , 36, 174-8	6.4	55
115	Ontogeny of corticotropin releasing hormone gene expression in rat hypothalamus--comparison with somatostatin. <i>International Journal of Developmental Neuroscience</i> , 1991 , 9, 473-8	2.7	55
114	Hyperpolarization activated cyclic-nucleotide gated (HCN) channels in developing neuronal networks. <i>Progress in Neurobiology</i> , 2008 , 86, 129-40	10.9	54
113	Selective death of hippocampal CA3 pyramidal cells with mossy fiber afferents after CRH-induced status epilepticus in infant rats. <i>Developmental Brain Research</i> , 1996 , 91, 245-51		54
112	Differential regulation of glucocorticoid receptor messenger RNA (GR-mRNA) by maternal deprivation in immature rat hypothalamus and limbic regions. <i>Developmental Brain Research</i> , 1999 , 114, 265-8		53
111	Trafficking and surface expression of hyperpolarization-activated cyclic nucleotide-gated channels in hippocampal neurons. <i>Journal of Biological Chemistry</i> , 2010 , 285, 14724-36	5.4	52
110	Treatment of infantile spasms: emerging insights from clinical and basic science perspectives. <i>Journal of Child Neurology</i> , 2011 , 26, 1411-21	2.5	52
109	Effects of a specific glucocorticoid receptor antagonist on corticotropin releasing hormone gene expression in the paraventricular nucleus of the neonatal rat. <i>Developmental Brain Research</i> , 1993 , 73, 253-9		52
108	Rapid, Coordinate Inflammatory Responses after Experimental Febrile Status Epilepticus: Implications for Epileptogenesis. <i>ENeuro</i> , 2015 , 2,	3.9	51
107	Prenatal maternal mood patterns predict child temperament and adolescent mental health. <i>Journal of Affective Disorders</i> , 2018 , 228, 83-90	6.6	51
106	Hyper-excitability and epilepsy generated by chronic early-life stress. <i>Neurobiology of Stress</i> , 2015 , 2, 10-19	7.6	50
105	Activity-dependent heteromerization of the hyperpolarization-activated, cyclic-nucleotide gated (HCN) channels: role of N-linked glycosylation. <i>Journal of Neurochemistry</i> , 2008 , 105, 68-77	6	48
104	Status epilepticus results in reversible neuronal injury in infant rat hippocampus: novel use of a marker. <i>Developmental Brain Research</i> , 1994 , 77, 133-6		47
103	Corticotropin releasing factor in neuroplasticity. <i>Frontiers in Neuroendocrinology</i> , 2014 , 35, 171-9	8.9	46

102	Epileptogenesis after prolonged febrile seizures: mechanisms, biomarkers and therapeutic opportunities. <i>Neuroscience Letters</i> , 2011 , 497, 155-62	3.3	46
101	Corticotropin releasing factor receptor type II (CRF2) messenger ribonucleic acid levels in the hypothalamic ventromedial nucleus of the infant rat are reduced by maternal deprivation. <i>Endocrinology</i> , 1997 , 138, 5048-51	4.8	45
100	The influence of unpredictable, fragmented parental signals on the developing brain. <i>Frontiers in Neuroendocrinology</i> , 2019 , 53, 100736	8.9	44
99	Early-life adversity and neurological disease: age-old questions and novel answers. <i>Nature Reviews Neurology</i> , 2019 , 15, 657-669	15	42
98	Synaptic rewiring of stress-sensitive neurons by early-life experience: a mechanism for resilience?. <i>Neurobiology of Stress</i> , 2015 , 1, 109-115	7.6	40
97	Synchronized network activity in developing rat hippocampus involves regional hyperpolarization-activated cyclic nucleotide-gated (HCN) channel function. <i>European Journal of Neuroscience</i> , 2005 , 22, 2669-74	3.5	40
96	Early-life adversity facilitates acquisition of cocaine self-administration and induces persistent anhedonia. <i>Neurobiology of Stress</i> , 2018 , 8, 57-67	7.6	39
95	Novel HCN2 mutation contributes to febrile seizures by shifting the channel kinetics in a temperature-dependent manner. <i>PLoS ONE</i> , 2013 , 8, e80376	3.7	39
94	Is neuronal death required for seizure-induced epileptogenesis in the immature brain?. <i>Progress in Brain Research</i> , 2002 , 135, 365-75	2.9	37
93	Subacute sclerosing panencephalitis in an infant: diagnostic role of viral genome analysis. <i>Annals of Neurology</i> , 1994 , 36, 103-8	9.4	37
92	A predictable home environment may protect child mental health during the COVID-19 pandemic. <i>Neurobiology of Stress</i> , 2021 , 14, 100291	7.6	37
91	Differential dorso-ventral distributions of Kv4.2 and HCN proteins confer distinct integrative properties to hippocampal CA1 pyramidal cell distal dendrites. <i>Journal of Biological Chemistry</i> , 2012 , 287, 17656-17661	5.4	36
90	Epileptogenesis in the developing brain: what can we learn from animal models?. <i>Epilepsia</i> , 2007 , 48 Suppl 5, 2-6	6.4	36
89	Converging, Synergistic Actions of Multiple Stress Hormones Mediate Enduring Memory Impairments after Acute Simultaneous Stresses. <i>Journal of Neuroscience</i> , 2016 , 36, 11295-11307	6.6	35
88	Finding a better drug for epilepsy: antiinflammatory targets. <i>Epilepsia</i> , 2012 , 53, 1113-8	6.4	35
87	Hyperpolarization-Activated Cyclic Nucleotide-Gated (HCN) Channels in Epilepsy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016 , 6, a022384	5.4	34
86	Inflammatory processes, febrile seizures, and subsequent epileptogenesis. <i>Epilepsy Currents</i> , 2014 , 14, 15-22	1.3	34
85	Enduring Memory Impairments Provoked by Developmental Febrile Seizures Are Mediated by Functional and Structural Effects of Neuronal Restrictive Silencing Factor. <i>Journal of Neuroscience</i> , 2017 , 37, 3799-3812	6.6	33

84	Dorsoventral differences in intrinsic properties in developing CA1 pyramidal cells. <i>Journal of Neuroscience</i> , 2012 , 32, 3736-47	6.6	33
83	Co-localization of corticotropin-releasing hormone with glutamate decarboxylase and calcium-binding proteins in infant rat neocortical interneurons. <i>Experimental Brain Research</i> , 1998 , 123, 334-40	2.3	33
82	Neurodevelopmental Optimization after Early-Life Adversity: Cross-Species Studies to Elucidate Sensitive Periods and Brain Mechanisms to Inform Early Intervention. <i>Trends in Neurosciences</i> , 2020 , 43, 744-751	13.3	33
81	Cortical Thinning and Neuropsychiatric Outcomes in Children Exposed to Prenatal Adversity: A Role for Placental CRH?. <i>American Journal of Psychiatry</i> , 2018 , 175, 471-479	11.9	32
80	Down-Regulation of Hypothalamic Corticotropin-Releasing Hormone Messenger Ribonucleic Acid (mRNA) Precedes Early-Life Experience-Induced Changes in Hippocampal Glucocorticoid Receptor mRNA*This work was supported by NIH Grants NS-28912 and NS-39307.		32
79	Plasticity of the Reward Circuitry After Early-Life Adversity: Mechanisms and Significance. <i>Biological Psychiatry</i> , 2020 , 87, 875-884	7.9	31
78	Neuroinflammation imaging markers for epileptogenesis. <i>Epilepsia</i> , 2017 , 58 Suppl 3, 11-19	6.4	30
77	How Does a Neuron "know" to Modulate Its Epigenetic Machinery in Response to Early-Life Environment/Experience?. <i>Frontiers in Psychiatry</i> , 2013 , 4, 89	5	30
76	Development neurobiology of the stress response: multilevel regulation of corticotropin-releasing hormone function. <i>Annals of the New York Academy of Sciences</i> , 1997 , 814, 252-65	6.5	30
75	Endogenous neuropeptide Y prevents recurrence of experimental febrile seizures by increasing seizure threshold. <i>Journal of Molecular Neuroscience</i> , 2005 , 25, 275-84	3.3	29
74	Hippocampal neurogenesis is not enhanced by lifelong reduction of glucocorticoid levels. <i>Hippocampus</i> , 2005 , 15, 491-501	3.5	29
73	Rapid phosphorylation of the CRE binding protein precedes stress-induced activation of the corticotropin releasing hormone gene in medial parvocellular hypothalamic neurons of the immature rat. <i>Molecular Brain Research</i> , 2001 , 96, 39-49		28
72	Infantile spasms: hypothesis-driven therapy and pilot human infant experiments using corticotropin-releasing hormone receptor antagonists. <i>Developmental Neuroscience</i> , 1999 , 21, 281-9	2.2	28
71	New viral-genetic mapping uncovers an enrichment of corticotropin-releasing hormone-expressing neuronal inputs to the nucleus accumbens from stress-related brain regions. <i>Journal of Comparative Neurology</i> , 2019 , 527, 2474-2487	3.4	27
70	Does acquired epileptogenesis in the immature brain require neuronal death. <i>Epilepsy Currents</i> , 2011 , 11, 21-6	1.3	27
69	Cerebrospinal fluid corticotropin and cortisol are reduced in infantile spasms. <i>Pediatric Neurology</i> , 1995 , 13, 108-10	2.9	27
68	Short-interval amygdala kindling in neonatal rats. <i>Developmental Brain Research</i> , 1993 , 73, 79-83		27
67	Stress-induced transcriptional regulation in the developing rat brain involves increased cyclic adenosine 3',5'-monophosphate-regulatory element binding activity. <i>Molecular Endocrinology</i> , 1997 , 11, 2016-24		26

66	Abnormal dendritic maturation of developing cortical neurons exposed to corticotropin releasing hormone (CRH): Insights into effects of prenatal adversity?. <i>PLoS ONE</i> , 2017 , 12, e0180311	3.7	25
65	Hyperpolarization-activated cation current Ih of dentate gyrus granule cells is upregulated in human and rat temporal lobe epilepsy. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 420, 156-60	3.4	25
64	The in vivo proconvulsant effects of corticotropin releasing hormone in the developing rat are independent of ionotropic glutamate receptor activation. <i>Developmental Brain Research</i> , 1998 , 111, 119-28		24
63	Fetal and maternal levels of corticosterone and ACTH after pharmacological adrenalectomy. <i>Life Sciences</i> , 1990 , 47, 485-9	6.8	24
62	Temporal Coordination of Hippocampal Neurons Reflects Cognitive Outcome Post-febrile Status Epilepticus. <i>EBioMedicine</i> , 2016 , 7, 175-90	8.8	23
61	CRH gene expression in the fetal rat is not increased after pharmacological adrenalectomy. <i>Neuroscience Letters</i> , 1992 , 142, 215-8	3.3	23
60	Activation of specific neuronal circuits by corticotropin releasing hormone as indicated by c-fos expression and glucose metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000 , 20, 1414-24	7.3	22
59	The Role of Sirt1 in Epileptogenesis. <i>ENeuro</i> , 2017 , 4,	3.9	21
58	Measuring novel antecedents of mental illness: the Questionnaire of Unpredictability in Childhood. <i>Neuropsychopharmacology</i> , 2019 , 44, 876-882	8.7	21
57	T2 relaxation time post febrile status epilepticus predicts cognitive outcome. <i>Experimental Neurology</i> , 2015 , 269, 242-52	5.7	20
56	The brain, seizures and epilepsy throughout life: understanding a moving target. <i>Epilepsy Currents</i> , 2012 , 12, 7-12	1.3	20
55	Dexamethasone Attenuates Hyperexcitability Provoked by Experimental Febrile Status Epilepticus. <i>ENeuro</i> , 2019 , 6,	3.9	20
54	Programming of Stress-Sensitive Neurons and Circuits by Early-Life Experiences. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 30	3.5	18
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