

Tallie Z Baram

List of Publications by Year in Descending Order

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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.

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	Developmental Trajectories of Anhedonia in Preclinical Models.. <i>Current Topics in Behavioral Neurosciences</i> , 2022 , 1	3.4	0
208	Early stress-induced impaired microglial pruning of excitatory synapses on immature CRH-expressing neurons provokes aberrant adult stress responses.. <i>Cell Reports</i> , 2022 , 38, 110600	10.6	5
207	Principles of emotional brain circuit maturation. <i>Science</i> , 2022 , 376, 1055-1056	33.3	0
206	A cross-species assay demonstrates that reward responsiveness is enduringly impacted by adverse, unpredictable early-life experiences.. <i>Neuropsychopharmacology</i> , 2021 ,	8.7	2
205	Aberrant Maturation of the Uncinate Fasciculus Follows Exposure to Unpredictable Patterns of Maternal Signals. <i>Journal of Neuroscience</i> , 2021 , 41, 1242-1250	6.6	8
204	Unexpected Role of Physiological Estrogen in Acute Stress-Induced Memory Deficits. <i>Journal of Neuroscience</i> , 2021 , 41, 648-662	6.6	11
203	Early life adversity in male mice sculpts reward circuits. <i>Neurobiology of Stress</i> , 2021 , 15, 100409	7.6	3
202	Neurodevelopmental origins of substance use disorders: Evidence from animal models of early-life adversity and addiction. <i>European Journal of Neuroscience</i> , 2021 ,	3.5	9
201	Prenatal maternal mood entropy is associated with child neurodevelopment. <i>Emotion</i> , 2021 , 21, 489-498	4.1	4
200	Functional Connectivity of the Human Paraventricular Thalamic Nucleus: Insights From High Field Functional MRI. <i>Frontiers in Integrative Neuroscience</i> , 2021 , 15, 662293	3.2	3
199	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
198	The Paraventricular Thalamus: A Potential Sensor and Integrator of Emotionally Salient Early-Life Experiences. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 673162	3.5	0
197	On the early life origins of vulnerability to opioid addiction. <i>Molecular Psychiatry</i> , 2021 , 26, 4409-4416	15.1	15
196	Augmented seizure susceptibility and hippocampal epileptogenesis in a translational mouse model of febrile status epilepticus. <i>Epilepsia</i> , 2021 , 62, 647-658	6.4	6
195	The Developmental Origins of Opioid Use Disorder and Its Comorbidities. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 601905	3.3	5
194	Multiple Disruptions of Glial-Neuronal Networks in Epileptogenesis That Follows Prolonged Febrile Seizures. <i>Frontiers in Neurology</i> , 2021 , 12, 615802	4.1	6
193	Recurrent febrile seizures alter intrahippocampal temporal coordination but do not cause spatial learning impairments. <i>Epilepsia</i> , 2021 , 62, 3117-3130	6.4	2

192	Single-Cell Transcriptional Changes in Hypothalamic Corticotropin-Releasing Factor-Expressing Neurons After Early-Life Adversity Inform Enduring Alterations in Vulnerabilities to Stress. <i>Biological Psychiatry Global Open Science</i> , 2021 ,		1
191	Unpredictable maternal behavior is associated with a blunted infant cortisol response. <i>Developmental Psychobiology</i> , 2020 , 62, 882-888	3	7
190	Multiple Simultaneous Acute Stresses in Mice: Single or Repeated Induction. <i>Bio-protocol</i> , 2020 , 10, e36999		4
189	A novel mouse model for vulnerability to alcohol dependence induced by early-life adversity. <i>Neurobiology of Stress</i> , 2020 , 13, 100269	7.6	8
188	Mechanisms by which early-life experiences promote enduring stress resilience or vulnerability 2020 , 165-180		0
187	Blocking CRH receptors in adults mitigates age-related memory impairments provoked by early-life adversity. <i>Neuropsychopharmacology</i> , 2020 , 45, 515-523	8.7	12
186	Plasticity of the Reward Circuitry After Early-Life Adversity: Mechanisms and Significance. <i>Biological Psychiatry</i> , 2020 , 87, 875-884	7.9	31
185	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
184	Unexpected Transcriptional Programs Contribute to Hippocampal Memory Deficits and Neuronal Stunting after Early-Life Adversity. <i>Cell Reports</i> , 2020 , 33, 108511	10.6	4
183	Early-life adversity and neurological disease: age-old questions and novel answers. <i>Nature Reviews Neurology</i> , 2019 , 15, 657-669	15	42
182	The influence of unpredictable, fragmented parental signals on the developing brain. <i>Frontiers in Neuroendocrinology</i> , 2019 , 53, 100736	8.9	44
181	Construction and disruption of spatial memory networks during development. <i>Learning and Memory</i> , 2019 , 26, 206-218	2.8	11
180	Estimating the Entropy Rate of Finite Markov Chains With Application to Behavior Studies. <i>Journal of Educational and Behavioral Statistics</i> , 2019 , 44, 282-308	1.7	10
179	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
178	Across continents and demographics, unpredictable maternal signals are associated with children's cognitive function. <i>EBioMedicine</i> , 2019 , 46, 256-263	8.8	16
177	Dexamethasone Attenuates Hyperexcitability Provoked by Experimental Febrile Status Epilepticus. <i>ENeuro</i> , 2019 , 6,	3.9	20
176	Intra-individual methylomics detects the impact of early-life adversity. <i>Life Science Alliance</i> , 2019 , 2,	5.8	6
175	Febrile Seizures and Their Contribution to Temporal Lobe Epilepsy and Associated Cognitive Problems 2019 , 129-149		

174	Programming of Stress-Sensitive Neurons and Circuits by Early-Life Experiences. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 30	3.5	18
173	Cover Image, Volume 527, Issue 15. <i>Journal of Comparative Neurology</i> , 2019 , 527, C1	3.4	
172	Parental smartphone use and children's mental outcomes: a neuroscience perspective. <i>Neuropsychopharmacology</i> , 2019 , 44, 239-240	8.7	3
171	Hyper-diversity of CRH interneurons in mouse hippocampus. <i>Brain Structure and Function</i> , 2019 , 224, 583-598	4	9
170	Measuring novel antecedents of mental illness: the Questionnaire of Unpredictability in Childhood. <i>Neuropsychopharmacology</i> , 2019 , 44, 876-882	8.7	21
169	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
168	Experience-dependent neuroplasticity of the developing hypothalamus: integrative epigenomic approaches. <i>Epigenetics</i> , 2018 , 13, 318-330	5.7	16
167	Network specialization during adolescence: Hippocampal effective connectivity in boys and girls. <i>NeuroImage</i> , 2018 , 175, 402-412	7.9	10
166	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
165	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
164	Prenatal maternal mood patterns predict child temperament and adolescent mental health. <i>Journal of Affective Disorders</i> , 2018 , 228, 83-90	6.6	51
163	Epilepsy-predictive magnetic resonance imaging changes following experimental febrile status epilepticus: Are they translatable to the clinic?. <i>Epilepsia</i> , 2018 , 59, 2005-2018	6.4	9
162	Does Anhedonia Presage Increased Risk of Posttraumatic Stress Disorder? : Adolescent Anhedonia and Posttraumatic Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2018 , 38, 249-265	3.4	16
161	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
160	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
159	New insights into early-life stress and behavioral outcomes. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 14, 133-139	4	62
158	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
157	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

156	Neuroinflammation imaging markers for epileptogenesis. <i>Epilepsia</i> , 2017 , 58 Suppl 3, 11-19	6.4	30
155	The Role of Sirt1 in Epileptogenesis. <i>ENeuro</i> , 2017 , 4,	3.9	21
154	A Semantic Cross-Species Derived Data Management Application. <i>Data Science Journal</i> , 2017 , 16, 45	2	1
153	Toward Understanding How Early-Life Stress Reprograms Cognitive and Emotional Brain Networks. <i>Neuropsychopharmacology</i> , 2016 , 41, 197-206	8.7	227
152	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
151	Temporal Coordination of Hippocampal Neurons Reflects Cognitive Outcome Post-febrile Status Epilepticus. <i>EBioMedicine</i> , 2016 , 7, 175-90	8.8	23
150	Hyperpolarization-Activated Cyclic Nucleotide-Gated (HCN) Channels in Epilepsy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016 , 6, a022384	5.4	34
149	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
148	MRI uncovers disrupted hippocampal microstructure that underlies memory impairments after early-life adversity. <i>Hippocampus</i> , 2016 , 26, 1618-1632	3.5	59
147	T2 relaxation time post febrile status epilepticus predicts cognitive outcome. <i>Experimental Neurology</i> , 2015 , 269, 242-52	5.7	20
146	Hyper-excitability and epilepsy generated by chronic early-life stress. <i>Neurobiology of Stress</i> , 2015 , 2, 10-19	7.6	50
145	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
144	Early-Life Stress: Rodent Models, Lessons and Challenges 2015 , 265-286		
143	Rapid, Coordinate Inflammatory Responses after Experimental Febrile Status Epilepticus: Implications for Epileptogenesis. <i>ENeuro</i> , 2015 , 2,	3.9	51
142	Short-term modern life-like stress exacerbates Aβ pathology and synapse loss in 3xTg-AD mice. <i>Journal of Neurochemistry</i> , 2015 , 134, 915-26	6	64
141	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
140	Corticotropin releasing factor in neuroplasticity. <i>Frontiers in Neuroendocrinology</i> , 2014 , 35, 171-9	8.9	46
139	A novel, noninvasive, predictive epilepsy biomarker with clinical potential. <i>Journal of Neuroscience</i> , 2014 , 34, 8672-84	6.6	82

138	Naturalistic rodent models of chronic early-life stress. <i>Developmental Psychobiology</i> , 2014 , 56, 1675-88	3	160
137	Origins of temporal lobe epilepsy: febrile seizures and febrile status epilepticus. <i>Neurotherapeutics</i> , 2014 , 11, 242-50	6.4	69
136	Inflammatory processes, febrile seizures, and subsequent epileptogenesis. <i>Epilepsy Currents</i> , 2014 , 14, 15-22	1.3	34
135	Differential contribution of CBP:CREB binding to corticotropin-releasing hormone expression in the infant and adult hypothalamus. <i>Stress</i> , 2014 , 17, 39-50	3	6
134	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
133	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
132	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
131	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
130	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
129	Finding a better drug for epilepsy: antiinflammatory targets. <i>Epilepsia</i> , 2012 , 53, 1113-8	6.4	35
128	Sculpting the hippocampus from within: stress, spines, and CRH. <i>Trends in Neurosciences</i> , 2012 , 35, 315-24	3.3	134
127	Tuning synaptic transmission in the hippocampus by stress: the CRH system. <i>Frontiers in Cellular Neuroscience</i> , 2012 , 6, 13	6.1	84
126	The brain, seizures and epilepsy throughout life: understanding a moving target. <i>Epilepsy Currents</i> , 2012 , 12, 7-12	1.3	20
125	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
124	Dorsoventral differences in intrinsic properties in developing CA1 pyramidal cells. <i>Journal of Neuroscience</i> , 2012 , 32, 3736-47	6.6	33
123	Distinct regional and subcellular localization of the actin-binding protein filamin A in the mature rat brain. <i>Journal of Comparative Neurology</i> , 2012 , 520, 3013-34	3.4	9
122	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
121	Fragmentation and unpredictability of early-life experience in mental disorders. <i>American Journal of Psychiatry</i> , 2012 , 169, 907-15	11.9	162

120	Epileptogenesis after prolonged febrile seizures: mechanisms, biomarkers and therapeutic opportunities. <i>Neuroscience Letters</i> , 2011 , 497, 155-62	3.3	46
119	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
118	The role of inflammation in epilepsy. <i>Nature Reviews Neurology</i> , 2011 , 7, 31-40	15	1114
117	Does acquired epileptogenesis in the immature brain require neuronal death. <i>Epilepsy Currents</i> , 2011 , 11, 21-6	1.3	27
116	Forebrain CRHR1 deficiency attenuates chronic stress-induced cognitive deficits and dendritic remodeling. <i>Neurobiology of Disease</i> , 2011 , 42, 300-10	7.5	121
115	Towards an integrated view of HCN channel role in epilepsy. <i>Current Opinion in Neurobiology</i> , 2011 , 21, 873-9	7.6	78
114	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
113	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
112	Forebrain CRF α modulates early-life stress-programmed cognitive deficits. <i>Journal of Neuroscience</i> , 2011 , 31, 13625-34	6.6	123
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	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
109	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
108	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
107	Epileptogenesis provoked by prolonged experimental febrile seizures: mechanisms and biomarkers. <i>Journal of Neuroscience</i> , 2010 , 30, 7484-94	6.6	198
106	Early life programming and neurodevelopmental disorders. <i>Biological Psychiatry</i> , 2010 , 68, 314-9	7.9	645
105	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
104	Plasticity of the stress response early in life: mechanisms and significance. <i>Developmental Psychobiology</i> , 2010 , 52, 661-70	3	57
103	Augmented currents of an HCN2 variant in patients with febrile seizure syndromes. <i>Annals of Neurology</i> , 2010 , 67, 542-6	9.4	75

102	Infantile spasms: a U.S. consensus report. <i>Epilepsia</i> , 2010 , 51, 2175-89	6.4	309
101	Fever, febrile seizures, and epileptogenesis. <i>Epilepsia</i> , 2010 , 51, 33-33	6.4	2
100	The pathways from mother's love to baby's future. <i>Frontiers in Behavioral Neuroscience</i> , 2009 , 3, 27	3.5	74
99	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
98	Febrile seizures: mechanisms and relationship to epilepsy. <i>Brain and Development</i> , 2009 , 31, 366-71	2.2	132
97	Cognitive dysfunction after experimental febrile seizures. <i>Experimental Neurology</i> , 2009 , 215, 167-77	5.7	87
96	The neuro-symphony of stress. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 459-66	13.5	1028
95	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
94	The central corticotropin releasing factor system during development and adulthood. <i>European Journal of Pharmacology</i> , 2008 , 583, 204-14	5.3	84
93	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
92	A novel mouse model for acute and long-lasting consequences of early life stress. <i>Endocrinology</i> , 2008 , 149, 4892-900	4.8	327
91	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
90	Hyperpolarization activated cyclic-nucleotide gated (HCN) channels in developing neuronal networks. <i>Progress in Neurobiology</i> , 2008 , 86, 129-40	10.9	54
89	Epileptogenesis in the developing brain: what can we learn from animal models?. <i>Epilepsia</i> , 2007 , 48 Suppl 5, 2-6	6.4	36
88	New roles for interleukin-1 Beta in the mechanisms of epilepsy. <i>Epilepsy Currents</i> , 2007 , 7, 45-50	1.3	166
87	Go "West," young man...The quest for animal models of infantile spasms (West syndrome). <i>Epilepsy Currents</i> , 2007 , 7, 165-7	1.3	3
86	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
85	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

84	Fever, febrile seizures and epilepsy. <i>Trends in Neurosciences</i> , 2007 , 30, 490-6	13.3	170
83	Hippocampal neuroplasticity induced by early-life stress: functional and molecular aspects. <i>Frontiers in Neuroendocrinology</i> , 2006 , 27, 180-92	8.9	159
82	Temporal lobe epilepsy after experimental prolonged febrile seizures: prospective analysis. <i>Brain</i> , 2006 , 129, 911-22	11.2	261
81	Complex Febrile Seizures—An Experimental Model in Immature Rodents 2006 , 333-340		7
80	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
79	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
78	Functional stabilization of weakened thalamic pacemaker channel regulation in rat absence epilepsy. <i>Journal of Physiology</i> , 2006 , 575, 83-100	3.9	57
77	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
76	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
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	When a rat runs cold and hot. <i>Epilepsy Currents</i> , 2005 , 5, 81-2	1.3	
73	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
72	Hippocampal neurogenesis is not enhanced by lifelong reduction of glucocorticoid levels. <i>Hippocampus</i> , 2005 , 15, 491-501	3.5	29
71	Interleukin-1beta contributes to the generation of experimental febrile seizures. <i>Annals of Neurology</i> , 2005 , 57, 152-5	9.4	315
70	Mechanisms of late-onset cognitive decline after early-life stress. <i>Journal of Neuroscience</i> , 2005 , 25, 9328-38	6.38	348
69	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
68	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
67	Serial MRI after experimental febrile seizures: altered T2 signal without neuronal death. <i>Annals of Neurology</i> , 2004 , 56, 709-14	9.4	78

66	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
65	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
64	Stress and the developing hippocampus: a double-edged sword?. <i>Molecular Neurobiology</i> , 2003 , 27, 121-36	6.7	67
63	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
62	Mitochondrial uncoupling protein-2 protects the immature brain from excitotoxic neuronal death. <i>Annals of Neurology</i> , 2003 , 53, 711-7	9.4	198
61	The multiple personalities of h-channels. <i>Trends in Neurosciences</i> , 2003 , 26, 550-4	13.3	104
60	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
59	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
58	The mystery of the Doctor's son, or the riddle of West syndrome. <i>Neurology</i> , 2002 , 58, 953-5	6.5	16
57	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
56	Stressed-out, or in (utero)? <i>Trends in Neurosciences</i> , 2002 , 25, 518-24	13.3	331
55	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
54	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
53	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
52	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
51	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
50	What are the reasons for the strikingly different approaches to the use of ACTH in infants with West syndrome?. <i>Brain and Development</i> , 2001 , 23, 647-8	2.2	6
49	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

48	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
47	Corticotropin (ACTH) acts directly on amygdala neurons to down-regulate corticotropin-releasing hormone gene expression 2001 , 49, 304		3
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