

Jelena Radulovic

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115
papers

6,012
citations

45
h-index

76
g-index

122
ext. papers

6,675
ext. citations

6.9
avg, IF

5.43
L-index

#	Paper	IF	Citations
115	Deletion of <i>crhr2</i> reveals an anxiolytic role for corticotropin-releasing hormone receptor-2. <i>Nature Genetics</i> , 2000 , 24, 415-9	36.3	439
114	Modulation of learning and anxiety by corticotropin-releasing factor (CRF) and stress: differential roles of CRF receptors 1 and 2. <i>Journal of Neuroscience</i> , 1999 , 19, 5016-25	6.6	357
113	Abnormalities in hippocampal functioning with persistent pain. <i>Journal of Neuroscience</i> , 2012 , 32, 5747-566	6.6	284
112	Relationship between fos production and classical fear conditioning: effects of novelty, latent inhibition, and unconditioned stimulus preexposure. <i>Journal of Neuroscience</i> , 1998 , 18, 7452-61	6.6	208
111	Distinct roles of hippocampal de novo protein synthesis and actin rearrangement in extinction of contextual fear. <i>Journal of Neuroscience</i> , 2004 , 24, 1962-6	6.6	193
110	Fear-enhancing effects of septal oxytocin receptors. <i>Nature Neuroscience</i> , 2013 , 16, 1185-7	25.5	152
109	Phosphorylated cAMP response element binding protein in the mouse brain after fear conditioning: relationship to Fos production. <i>Molecular Brain Research</i> , 2001 , 94, 15-24		138
108	Gene expression patterns in the hippocampus and amygdala of endogenous depression and chronic stress models. <i>Molecular Psychiatry</i> , 2012 , 17, 49-61	15.1	136
107	Strain and substrain differences in context- and tone-dependent fear conditioning of inbred mice. <i>Behavioural Brain Research</i> , 1999 , 104, 1-12	3.4	131
106	Production of the Fos protein after contextual fear conditioning of C57BL/6N mice. <i>Brain Research</i> , 1998 , 784, 37-47	3.7	127
105	Kalirin regulates cortical spine morphogenesis and disease-related behavioral phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 13058-63	11.5	123
104	A hippocampal Cdk5 pathway regulates extinction of contextual fear. <i>Nature Neuroscience</i> , 2007 , 10, 1012-9	25.5	119
103	Cyclin-dependent kinase 5 is required for associative learning. <i>Journal of Neuroscience</i> , 2002 , 22, 3700-7	6.6	119
102	NMDA receptors in retrosplenial cortex are necessary for retrieval of recent and remote context fear memory. <i>Journal of Neuroscience</i> , 2011 , 31, 11655-9	6.6	116
101	High-resolution 3D MRI of mouse brain reveals small cerebral structures in vivo. <i>Journal of Neuroscience Methods</i> , 2002 , 120, 203-9	3	108
100	Psychiatric risk factor ANK3/ankyrin-G nanodomains regulate the structure and function of glutamatergic synapses. <i>Neuron</i> , 2014 , 84, 399-415	13.9	106
99	Segregated populations of hippocampal principal CA1 neurons mediating conditioning and extinction of contextual fear. <i>Journal of Neuroscience</i> , 2009 , 29, 3387-94	6.6	95

98	Generalization of fear responses in C57BL/6N mice subjected to one-trial foreground contextual fear conditioning. <i>Behavioural Brain Research</i> , 1998 , 95, 179-89	3.4	92
97	Hippocampal Mek/Erk signaling mediates extinction of contextual freezing behavior. <i>Neurobiology of Learning and Memory</i> , 2007 , 87, 149-58	3.1	91
96	Small-conductance, Ca ²⁺ -activated K ⁺ channel SK3 generates age-related memory and LTP deficits. <i>Nature Neuroscience</i> , 2003 , 6, 911-2	25.5	89
95	Phosphorylation of hippocampal Erk-1/2, Elk-1, and p90-Rsk-1 during contextual fear conditioning: interactions between Erk-1/2 and Elk-1. <i>Molecular and Cellular Neurosciences</i> , 2002 , 21, 463-76	4.8	88
94	Mitogen-activated protein kinase signaling in the hippocampus and its modulation by corticotropin-releasing factor receptor 2: a possible link between stress and fear memory. <i>Journal of Neuroscience</i> , 2003 , 23, 11436-43	6.6	83
93	BMP signaling mediates effects of exercise on hippocampal neurogenesis and cognition in mice. <i>PLoS ONE</i> , 2009 , 4, e7506	3.7	81
92	Egr3, a synaptic activity regulated transcription factor that is essential for learning and memory. <i>Molecular and Cellular Neurosciences</i> , 2007 , 35, 76-88	4.8	79
91	The role of hippocampal signaling cascades in consolidation of fear memory. <i>Behavioural Brain Research</i> , 2004 , 149, 17-31	3.4	79
90	N-cadherin regulates cytoskeletally associated IQGAP1/ERK signaling and memory formation. <i>Neuron</i> , 2007 , 55, 786-98	13.9	75
89	Characterization of native corticotropin-releasing factor receptor type 1 (CRFR1) in the rat and mouse central nervous system. <i>Journal of Neuroscience Research</i> , 1998 , 54, 507-21	4.4	73
88	Social modeling of conditioned fear in mice by non-fearful conspecifics. <i>Behavioural Brain Research</i> , 2009 , 201, 173-8	3.4	72
87	Fear conditioning and extinction: emotional states encoded by distinct signaling pathways. <i>Trends in Neurosciences</i> , 2012 , 35, 145-55	13.3	69
86	In vivo 3D MRI staining of the mouse hippocampal system using intracerebral injection of MnCl ₂ . <i>NeuroImage</i> , 2004 , 22, 860-7	7.9	69
85	GABAergic mechanisms regulated by miR-33 encode state-dependent fear. <i>Nature Neuroscience</i> , 2015 , 18, 1265-71	25.5	68
84	Hippocampal NMDA receptor subunits differentially regulate fear memory formation and neuronal signal propagation. <i>Hippocampus</i> , 2010 , 20, 1072-82	3.5	68
83	Role of adult hippocampal neurogenesis in persistent pain. <i>Pain</i> , 2016 , 157, 418-428	8	68
82	Extinction: [corrected] does it or doesn't it? The requirement of altered gene activity and new protein synthesis. <i>Biological Psychiatry</i> , 2006 , 60, 344-51	7.9	67
81	IQGAP1 regulates NR2A signaling, spine density, and cognitive processes. <i>Journal of Neuroscience</i> , 2011 , 31, 8533-42	6.6	66

80	Regulatory mechanisms of fear extinction and depression-like behavior. <i>Neuropsychopharmacology</i> , 2008 , 33, 1570-83	8.7	66
79	Molecular specificity of multiple hippocampal processes governing fear extinction. <i>Reviews in the Neurosciences</i> , 2010 , 21, 1-17	4.7	64
78	Battery-free, lightweight, injectable microsystem for in vivo wireless pharmacology and optogenetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 21427-21437	11.5	61
77	A Corticocortical Circuit Directly Links Retrosplenial Cortex to M2 in the Mouse. <i>Journal of Neuroscience</i> , 2016 , 36, 9365-74	6.6	60
76	Role of oxytocin receptors in modulation of fear by social memory. <i>Psychopharmacology</i> , 2014 , 231, 2097-105	4.7	59
75	Therapeutic Strategies for Treatment of Inflammation-related Depression. <i>Current Neuropharmacology</i> , 2018 , 16, 176-209	7.6	56
74	Metabotropic glutamate receptor 5/Homer interactions underlie stress effects on fear. <i>Biological Psychiatry</i> , 2010 , 68, 1007-15	7.9	53
73	A single amino acid serves as an affinity switch between the receptor and the binding protein of corticotropin-releasing factor: implications for the design of agonists and antagonists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 11142-7	11.5	51
72	Actions of CRF and its Analogs. <i>Current Medicinal Chemistry</i> , 1999 , 6, 1035-1053	4.3	51
71	Differential activation of CRF receptor subtypes removes stress-induced memory deficit and anxiety. <i>European Journal of Neuroscience</i> , 2007 , 25, 3385-97	3.5	45
70	Long-range inhibitory intersection of a retrosplenial thalamocortical circuit by apical tuft-targeting CA1 neurons. <i>Nature Neuroscience</i> , 2019 , 22, 618-626	25.5	44
69	Enkephalins, brain and immunity: modulation of immune responses by methionine-enkephalin injected into the cerebral cavity. <i>International Journal of Neuroscience</i> , 1992 , 67, 241-70	2	44
68	Differential impairment of auditory and contextual fear conditioning by protein synthesis inhibition in C57BL/6N mice.. <i>Behavioral Neuroscience</i> , 1999 , 113, 496-506	2.1	43
67	Molecular Properties of the CRF Receptor. <i>Trends in Endocrinology and Metabolism</i> , 1998 , 9, 140-5	8.8	42
66	Opioid receptor-mediated suppression of humoral immune response in vivo and in vitro: involvement of kappa opioid receptors. <i>Journal of Neuroimmunology</i> , 1995 , 57, 55-62	3.5	41
65	Protein synthesis inhibitors, gene superinduction and memory: too little or too much protein?. <i>Neurobiology of Learning and Memory</i> , 2008 , 89, 212-8	3.1	38
64	Cdk5: a novel role in learning and memory. <i>NeuroSignals</i> , 2003 , 12, 200-8	1.9	34
63	Role of regional neurotransmitter receptors in corticotropin-releasing factor (CRF)-mediated modulation of fear conditioning. <i>Neuropharmacology</i> , 2000 , 39, 707-10	5.5	33

62	Double Dissociation of the Roles of Metabotropic Glutamate Receptor 5 and Oxytocin Receptor in Discrete Social Behaviors. <i>Neuropsychopharmacology</i> , 2015 , 40, 2337-46	8.7	32
61	Pharmacological and chemical properties of astressin, antisauvagine-30 and alpha-helCRF: significance for behavioral experiments. <i>Neuropharmacology</i> , 2001 , 41, 507-16	5.5	32
60	Analysis of coherent activity between retrosplenial cortex, hippocampus, thalamus, and anterior cingulate cortex during retrieval of recent and remote context fear memory. <i>Neurobiology of Learning and Memory</i> , 2016 , 127, 93-101	3.1	31
59	Modulation of behavior by scaffolding proteins of the post-synaptic density. <i>Neurobiology of Learning and Memory</i> , 2013 , 105, 3-12	3.1	31
58	Structure-function relationship of different domains of the rat corticotropin-releasing factor receptor. <i>Molecular Brain Research</i> , 1997 , 52, 182-93		31
57	Regulation of contextual fear conditioning by baseline and inducible septo-hippocampal cyclin-dependent kinase 5. <i>Neuropharmacology</i> , 2003 , 44, 1089-99	5.5	31
56	Muscarinic acetylcholine receptors act in synergy to facilitate learning and memory. <i>Learning and Memory</i> , 2016 , 23, 631-638	2.8	30
55	Differential Contributions of Glutamatergic Hippocampal-Retrosplenial Cortical Projections to the Formation and Persistence of Context Memories. <i>Cerebral Cortex</i> , 2019 , 29, 2728-2736	5.1	30
54	Extinction of remotely acquired fear depends on an inhibitory NR2B/PKA pathway in the retrosplenial cortex. <i>Journal of Neuroscience</i> , 2013 , 33, 19492-8	6.6	29
53	Opposing activities of brain opioid receptors in the regulation of humoral and cell-mediated immune responses in the rat. <i>Brain Research</i> , 1994 , 661, 189-95	3.7	29
52	Hippocampal Erk mechanisms linking prediction error to fear extinction: roles of shock expectancy and contextual aversive valence. <i>Learning and Memory</i> , 2009 , 16, 273-8	2.8	28
51	Hippocampal phenotypes in kalirin-deficient mice. <i>Molecular and Cellular Neurosciences</i> , 2011 , 46, 45-54	4.8	27
50	ERK-associated changes of AP-1 proteins during fear extinction. <i>Molecular and Cellular Neurosciences</i> , 2011 , 47, 137-44	4.8	27
49	Centrally applied NPY mimics immunoactivation induced by non-analgesic doses of met-enkephalin. <i>NeuroReport</i> , 1998 , 9, 3881-5	1.7	24
48	Beta-endorphin concentrations in brain areas and peritoneal macrophages in rats susceptible and resistant to experimental allergic encephalomyelitis: a possible relationship between tumor necrosis factor alpha and opioids in the disease. <i>Journal of Neuroimmunology</i> , 1994 , 51, 169-76	3.5	23
47	Mapping of the habenulo-interpeduncular pathway in living mice using manganese-enhanced 3D MRI. <i>Magnetic Resonance Imaging</i> , 2006 , 24, 209-15	3.3	20
46	Behavior and severity of adjuvant arthritis in four rat strains. <i>Brain, Behavior, and Immunity</i> , 2001 , 15, 255-65	16.6	20
45	Accumulation of cytoplasmic glucocorticoid receptor is related to elevation of FKBP5 in lymphocytes of depressed patients. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 951-8	3.3	18

44	Corticotropin-releasing factor binding protein--a ligand trap?. <i>Mini-Reviews in Medicinal Chemistry</i> , 2005 , 5, 953-60	3.2	16
43	Neurobiological mechanisms of state-dependent learning. <i>Current Opinion in Neurobiology</i> , 2017 , 45, 92-98	7.6	15
42	Suppression of adjuvant arthritis by kappa-opioid receptor agonist: effect of route of administration and strain differences. <i>Immunopharmacology</i> , 1996 , 34, 105-12		15
41	Modulation of humoral immune responses in the rat by centrally applied Met-Enk and opioid receptor antagonists: functional interactions of brain OP1, OP2 and OP3 receptors. <i>Immunopharmacology</i> , 2000 , 49, 255-62		14
40	In vivo NMDA/dopamine interaction resulting in Fos production in the limbic system and basal ganglia of the mouse brain. <i>Molecular Brain Research</i> , 2000 , 75, 271-80		14
39	Role of retrosplenial cortex in processing stress-related context memories. <i>Behavioral Neuroscience</i> , 2018 , 132, 388-395	2.1	14
38	Effect of Met-enkephalin and opioid antagonists on rat macrophages. <i>Peptides</i> , 1995 , 16, 1209-13	3.8	13
37	Disruption of the NMDA receptor GluN2A subunit abolishes inflammation-induced depression. <i>Behavioural Brain Research</i> , 2019 , 359, 550-559	3.4	13
36	Co-activation of NR2A and NR2B subunits induces resistance to fear extinction. <i>Neurobiology of Learning and Memory</i> , 2014 , 113, 35-40	3.1	12
35	Cdk5 in the adult non-demented brain. <i>CNS and Neurological Disorders</i> , 2003 , 2, 375-81		12
34	Orai1 Channels Are Essential for Amplification of Glutamate-Evoked Ca Signals in Dendritic Spines to Regulate Working and Associative Memory. <i>Cell Reports</i> , 2020 , 33, 108464	10.6	12
33	Quaternary naltrexone: its immunomodulatory activity and interaction with brain delta and kappa opioid receptors. <i>Immunopharmacology</i> , 1994 , 28, 105-12		11
32	Peripheral effects of methionine-enkephalin on inflammatory reactions and behavior in the rat. <i>NeuroImmunoModulation</i> , 2000 , 8, 70-7	2.5	11
31	N-Methyl D-aspartate receptor subunit signaling in fear extinction. <i>Psychopharmacology</i> , 2019 , 236, 239-250	4.7	11
30	Preso1, mGluR5 and the machinery of pain. <i>Nature Neuroscience</i> , 2012 , 15, 805-7	25.5	10
29	Regulation of fear extinction versus other affective behaviors by discrete cortical scaffolding complexes associated with NR2B and PKA signaling. <i>Translational Psychiatry</i> , 2015 , 5, e657	8.6	9
28	Different effects of methionine-enkephalin on paw edema in two inbred rat strains. <i>Peptides</i> , 2002 , 23, 1597-605	3.8	9
27	CRF and CRF receptors. <i>Results and Problems in Cell Differentiation</i> , 1999 , 26, 67-90	1.4	9

26	Excitatory VTA to DH projections provide a valence signal to memory circuits. <i>Nature Communications</i> , 2020 , 11, 1466	17.4	8
25	Neurobiological correlates of state-dependent context fear. <i>Learning and Memory</i> , 2017 , 24, 385-391	2.8	8
24	Tumor necrosis factor alpha differentially regulates beta-endorphin concentrations and proopiomelanocortin RNA in the anterior and neurointermediate pituitary in vivo. <i>NeuroImmunoModulation</i> , 1994 , 1, 357-60	2.5	8
23	Network oscillatory activity driven by context memory processing is differently regulated by glutamatergic and cholinergic neurotransmission. <i>Neurobiology of Learning and Memory</i> , 2017 , 145, 59-66 ^{3,1}	3.1	8
22	State-Dependent Memory: Neurobiological Advances and Prospects for Translation to Dissociative Amnesia. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 259	3.5	8
21	Stress applied during primary immunization affects the secondary humoral immune response in the rat: involvement of opioid peptides. <i>Stress</i> , 2003 , 6, 247-58	3	7
20	kappa-Opioid receptor functions: possible relevance to experimental allergic encephalomyelitis. <i>NeuroImmunoModulation</i> , 1994 , 1, 236-41	2.5	7
19	Activation of the dorsal, but not the ventral, hippocampus relieves neuropathic pain in rodents. <i>Pain</i> , 2021 , 162, 2865-2880	8	7
18	Stress-induced rise in serum anti-brain autoantibody levels in the rat. <i>International Journal of Neuroscience</i> , 1997 , 89, 153-64	2	5
17	Correlation between age-related changes in open field behavior and plaque forming cell response in DA female rats. <i>International Journal of Neuroscience</i> , 2003 , 113, 1259-73	2	5
16	Using New Approaches in Neurobiology to Rethink Stress-Induced Amnesia. <i>Current Behavioral Neuroscience Reports</i> , 2017 , 4, 49-58	1.7	4
15	Changes in immunological and neuronal conditions markedly altered antibody response to intracerebroventricularly injected ovalbumin in the rat. <i>NeuroImmunoModulation</i> , 1997 , 4, 181-7	2.5	4
14	Characterization of native corticotropin-releasing factor receptor type 1 (cRFR1) in the rat and mouse central nervous system 1998 , 54, 507		3
13	Stress-related memories disrupt sociability and associated patterning of hippocampal activity: a role of hilar oxytocin receptor-positive interneurons. <i>Translational Psychiatry</i> , 2020 , 10, 428	8.6	2
12	Long-range inhibitory intersection of a retrosplenial thalamocortical circuit by apical tuft-targeting CA1 neurons		1
11	Primary cilia are required for the persistence of memory and stabilization of perineuronal nets. <i>iScience</i> , 2021 , 24, 102617	6.1	1
10	From chronic stress and anxiety to neurodegeneration: Focus on neuromodulation of the axon initial segment.. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2022 , 184, 481-495 ³		0
9	GlUN2A-ERK-mTOR pathway confers a vulnerability to LPS-induced depressive-like behaviour. <i>Behavioural Brain Research</i> , 2022 , 417, 113625	3.4	0

8	Functional differentiation in the transverse plane of the hippocampus: An update on activity segregation within the DG and CA3 subfields. <i>Brain Research Bulletin</i> , 2021 , 171, 35-43	3.9	○
7	Glucocorticoid receptor alpha translational isoforms as mediators of early adversities and negative emotional states. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 90, 288-299	5.5	○
6	High ethanol preference and dissociated memory are co-occurring phenotypes associated with hippocampal GABA _A -receptor levels. <i>Neurobiology of Learning and Memory</i> , 2021 , 183, 107459	3.1	○
5	Experimental Methods for Functional Studies of microRNAs in Animal Models of Psychiatric Disorders. <i>NeuroMethods</i> , 2016 , 129-146	0.4	
4	Receptors in (e)motion. <i>Nature Neuroscience</i> , 2011 , 14, 1222-4	25.5	
3	Protocol for assessing the role of hippocampal perineuronal nets in aversive memories. <i>STAR Protocols</i> , 2021 , 2, 100931	1.4	
2	Naturally Occurring Anti-peptide Antibodies in the Rat: Anti-Met-Enk Antibodies 1997 , 197-203		
1	Role of peripheral inflammation in central cytokine signaling, depression, and fear. <i>FASEB Journal</i> , 2013 , 27, 690.8	0.9	