Jelena Radulovic

List of Publications by Year
in descending order

118	7,265	47006 47	60623 81
papers	citations	h-index	g-index

122	122	122	7854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stress-induced generalization of negative memories is mediated by an extended hippocampal circuit. Neuropsychopharmacology, 2022, 47, 516-523.	5.4	8
2	GluN2A-ERK-mTOR pathway confers a vulnerability to LPS-induced depressive-like behaviour. Behavioural Brain Research, 2022, 417, 113625.	2.2	5
3	From chronic stress and anxiety to neurodegeneration: Focus on neuromodulation of the axon initial segment. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 481-495.	1.8	2
4	Stress-induced changes of the cholinergic circuitry promote retrieval-based generalization of aversive memories. Molecular Psychiatry, 2022, 27, 3795-3805.	7.9	3
5	Activation of the dorsal, but not the ventral, hippocampus relieves neuropathic pain in rodents. Pain, 2021, 162, 2865-2880.	4.2	27
6	PFC mTOR signaling as a biological signature for cognitive deficits in bipolar disorder without psychosis. Cell Reports Medicine, 2021, 2, 100282.	6.5	4
7	Primary cilia are required for the persistence of memory and stabilization of perineuronal nets. IScience, 2021, 24, 102617.	4.1	9
8	Functional differentiation in the transverse plane of the hippocampus: An update on activity segregation within the DG and CA3 subfields. Brain Research Bulletin, 2021, 171, 35-43.	3.0	6
9	High ethanol preference and dissociated memory are co-occurring phenotypes associated with hippocampal GABAAR-Î´ receptor levels. Neurobiology of Learning and Memory, 2021, 183, 107459.	1.9	2
10	Protocol for assessing the role of hippocampal perineuronal nets in aversive memories. STAR Protocols, 2021, 2, 100931.	1.2	1
11	Orai1 Channels Are Essential for Amplification of Glutamate-Evoked Ca2+ Signals in Dendritic Spines to Regulate Working and Associative Memory. Cell Reports, 2020, 33, 108464.	6.4	24
12	Stress-related memories disrupt sociability and associated patterning of hippocampal activity: a role of hilar oxytocin receptor-positive interneurons. Translational Psychiatry, 2020, 10, 428.	4.8	10
13	Excitatory VTA to DH projections provide a valence signal to memory circuits. Nature Communications, 2020, 11, 1466.	12.8	24
14	Differential Contributions of Glutamatergic Hippocampalâ†'Retrosplenial Cortical Projections to the Formation and Persistence of Context Memories. Cerebral Cortex, 2019, 29, 2728-2736.	2.9	57
15	Battery-free, lightweight, injectable microsystem for in vivo wireless pharmacology and optogenetics. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21427-21437.	7.1	110
16	Long-range inhibitory intersection of a retrosplenial thalamocortical circuit by apical tuft-targeting CA1 neurons. Nature Neuroscience, 2019, 22, 618-626.	14.8	74
17	N-Methyl D-aspartate receptor subunit signaling in fear extinction. Psychopharmacology, 2019, 236, 239-250.	3.1	22
18	Glucocorticoid receptor alpha translational isoforms as mediators of early adversities and negative emotional states. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 90, 288-299.	4.8	4

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19	Disruption of the NMDA receptor GluN2A subunit abolishes inflammation-induced depression. Behavioural Brain Research, 2019, 359, 550-559.	2.2	29
20	State-Dependent Memory: Neurobiological Advances and Prospects for Translation to Dissociative Amnesia. Frontiers in Behavioral Neuroscience, 2018, 12, 259.	2.0	19
21	Role of retrosplenial cortex in processing stress-related context memories.. Behavioral Neuroscience, 2018, 132, 388-395.	1.2	21
22	Therapeutic Strategies for Treatment of Inflammation-related Depression. Current Neuropharmacology, 2018, 16, 176-209.	2.9	107
23	Using New Approaches in Neurobiology to Rethink Stress-Induced Amnesia. Current Behavioral Neuroscience Reports, 2017, 4, 49-58.	1.3	5
24	Neurobiological mechanisms of state-dependent learning. Current Opinion in Neurobiology, 2017, 45, 92-98.	4.2	25
25	Neurobiological correlates of state-dependent context fear. Learning and Memory, 2017, 24, 385-391.	1.3	10
26	Network oscillatory activity driven by context memory processing is differently regulated by glutamatergic and cholinergic neurotransmission. Neurobiology of Learning and Memory, 2017, 145, 59-66.	1.9	12
27	Role of adult hippocampal neurogenesis in persistent pain. Pain, 2016, 157, 418-428.	4.2	90
28	A Corticocortical Circuit Directly Links Retrosplenial Cortex to M2 in the Mouse. Journal of Neuroscience, 2016, 36, 9365-9374.	3.6	104
29	Experimental Methods for Functional Studies of microRNAs in Animal Models of Psychiatric Disorders. Neuromethods, 2016, , 129-146.	0.3	0
30	Muscarinic acetylcholine receptors act in synergy to facilitate learning and memory. Learning and Memory, 2016, 23, 631-638.	1.3	41
31	Analysis of coherent activity between retrosplenial cortex, hippocampus, thalamus, and anterior cingulate cortex during retrieval of recent and remote context fear memory. Neurobiology of Learning and Memory, 2016, 127, 93-101.	1.9	50
32	Regulation of fear extinction versus other affective behaviors by discrete cortical scaffolding complexes associated with NR2B and PKA signaling. Translational Psychiatry, 2015, 5, e657-e657.	4.8	11
33	Accumulation of Cytoplasmic Glucocorticoid Receptor Is Related to Elevation of FKBP5 in Lymphocytes of Depressed Patients. Journal of Molecular Neuroscience, 2015, 55, 951-958.	2.3	21
34	Double Dissociation of the Roles of Metabotropic Glutamate Receptor 5 and Oxytocin Receptor in Discrete Social Behaviors. Neuropsychopharmacology, 2015, 40, 2337-2346.	5.4	41
35	GABAergic mechanisms regulated by miR-33 encode state-dependent fear. Nature Neuroscience, 2015, 18, 1265-1271.	14.8	81
36	Role of oxytocin receptors in modulation of fear by social memory. Psychopharmacology, 2014, 231, 2097-2105.	3.1	71

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37	Psychiatric Risk Factor ANK3/Ankyrin-G Nanodomains Regulate the Structure and Function of Glutamatergic Synapses. Neuron, 2014, 84, 399-415.	8.1	159
38	Introduction to the special issue of Neurobiology of Learning and Memory on Fear Extinction. Neurobiology of Learning and Memory, 2014, 113, 1-2.	1.9	0
39	Co-activation of NR2A and NR2B subunits induces resistance to fear extinction. Neurobiology of Learning and Memory, 2014, 113, 35-40.	1.9	13
40	Fear-enhancing effects of septal oxytocin receptors. Nature Neuroscience, 2013, 16, 1185-1187.	14.8	193
41	Modulation of behavior by scaffolding proteins of the post-synaptic density. Neurobiology of Learning and Memory, 2013, 105, 3-12.	1.9	34
42	Extinction of Remotely Acquired Fear Depends on an Inhibitory NR2B/PKA Pathway in the Retrosplenial Cortex. Journal of Neuroscience, 2013, 33, 19492-19498.	3.6	38
43	Role of peripheral inflammation in central cytokine signaling, depression, and fear. FASEB Journal, 2013, 27, 690.8.	0.5	0
44	Fear conditioning and extinction: emotional states encoded by distinct signaling pathways. Trends in Neurosciences, 2012, 35, 145-155.	8.6	82
45	Abnormalities in Hippocampal Functioning with Persistent Pain. Journal of Neuroscience, 2012, 32, 5747-5756.	3.6	365
46	Preso1, mGluR5 and the machinery of pain. Nature Neuroscience, 2012, 15, 805-807.	14.8	10
47	Gene expression patterns in the hippocampus and amygdala of endogenous depression and chronic stress models. Molecular Psychiatry, 2012, 17, 49-61.	7.9	165
48	Receptors in (e)motion. Nature Neuroscience, 2011, 14, 1222-1224.	14.8	0
49	Hippocampal phenotypes in kalirin-deficient mice. Molecular and Cellular Neurosciences, 2011, 46, 45-54.	2.2	30
50	ERK-associated changes of AP-1 proteins during fear extinction. Molecular and Cellular Neurosciences, 2011, 47, 137-144.	2.2	30
51	NMDA Receptors in Retrosplenial Cortex Are Necessary for Retrieval of Recent and Remote Context Fear Memory. Journal of Neuroscience, 2011, 31, 11655-11659.	3.6	145
52	IQGAP1 Regulates NR2A Signaling, Spine Density, and Cognitive Processes. Journal of Neuroscience, 2011, 31, 8533-8542.	3.6	82
53	Hippocampal NMDA receptor subunits differentially regulate fear memory formation and neuronal signal propagation. Hippocampus, 2010, 20, 1072-1082.	1.9	76
54	Molecular Specificity of Multiple Hippocampal Processes Governing Fear Extinction. Reviews in the Neurosciences, 2010, 21, 1-18.	2.9	77

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55	Metabotropic Glutamate Receptor 5/Homer Interactions Underlie Stress Effects on Fear. Biological Psychiatry, 2010, 68, 1007-1015.	1.3	65
56	BMP Signaling Mediates Effects of Exercise on Hippocampal Neurogenesis and Cognition in Mice. PLoS ONE, 2009, 4, e7506.	2.5	97
57	Hippocampal Erk mechanisms linking prediction error to fear extinction: Roles of shock expectancy and contextual aversive valence. Learning and Memory, 2009, 16, 273-278.	1.3	35
58	Segregated Populations of Hippocampal Principal CA1 Neurons Mediating Conditioning and Extinction of Contextual Fear. Journal of Neuroscience, 2009, 29, 3387-3394.	3.6	119
59	Social modeling of conditioned fear in mice by non-fearful conspecifics. Behavioural Brain Research, 2009, 201, 173-178.	2.2	82
60	Kalirin regulates cortical spine morphogenesis and disease-related behavioral phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13058-13063.	7.1	150
61	Protein synthesis inhibitors, gene superinduction and memory: Too little or too much protein?. Neurobiology of Learning and Memory, 2008, 89, 212-218.	1.9	43
62	Regulatory Mechanisms of Fear Extinction and Depression-Like Behavior. Neuropsychopharmacology, 2008, 33, 1570-1583.	5.4	75
63	N-Cadherin Regulates Cytoskeletally Associated IQGAP1/ERK Signaling and Memory Formation. Neuron, 2007, 55, 786-798.	8.1	86
64	Hippocampal Mek/Erk signaling mediates extinction of contextual freezing behavior. Neurobiology of Learning and Memory, 2007, 87, 149-158.	1.9	98
65	Egr3, a synaptic activity regulated transcription factor that is essential for learning and memory. Molecular and Cellular Neurosciences, 2007, 35, 76-88.	2.2	100
66	A hippocampal Cdk5 pathway regulates extinction of contextual fear. Nature Neuroscience, 2007, 10, 1012-1019.	14.8	135
67	Differential activation of CRF receptor subtypes removes stress-induced memory deficit and anxiety. European Journal of Neuroscience, 2007, 25, 3385-3397.	2.6	49
68	9YExtinction: Does It or Doesnâ€™t It? The Requirement of Altered Gene Activity and New Protein Synthesis. Biological Psychiatry, 2006, 60, 344-351.	1.3	72
69	Mapping of the habenulo-interpeduncular pathway in living mice using manganese-enhanced 3D MRI. Magnetic Resonance Imaging, 2006, 24, 209-215.	1.8	23
70	Corticotropin-Releasing Factor Binding Protein - A Ligand Trap?. Mini-Reviews in Medicinal Chemistry, 2005, 5, 953-960.	2.4	21
71	Distinct Roles of Hippocampal De Novo Protein Synthesis and Actin Rearrangement in Extinction of Contextual Fear. Journal of Neuroscience, 2004, 24, 1962-1966.	3.6	213
72	In vivo 3D MRI staining of the mouse hippocampal system using intracerebral injection of MnCl2. NeuroImage, 2004, 22, 860-867.	4.2	73

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73	The role of hippocampal signaling cascades in consolidation of fear memory. Behavioural Brain Research, 2004, 149, 17-31.	2.2	84
74	Small-conductance, Ca2+-activated K+ channel SK3 generates age-related memory and LTP deficits. Nature Neuroscience, 2003, 6, 911-912.	14.8	113
75	Cdk5: A Novel Role in Learning and Memory. NeuroSignals, 2003, 12, 200-208.	0.9	40
76	Regulation of contextual fear conditioning by baseline and inducible septo-hippocampal cyclin-dependent kinase 5. Neuropharmacology, 2003, 44, 1089-1099.	4.1	33
77	CORRELATION BETWEEN AGE-RELATED CHANGES IN OPEN FIELD BEHAVIOR AND PLAQUE FORMING CELL RESPONSE IN DA FEMALE RATS. International Journal of Neuroscience, 2003, 113, 1259-1273.	1.6	6
78	Stress Applied During Primary Immunization Affects the Secondary Humoral Immune Response in the Rat: Involvement of Opioid Peptides. Stress, 2003, 6, 247-258.	1.8	8
79	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. Journal of Neuroscience, 2003, 23, 11436-11443.	3.6	94
80	Cdk5 in the Adult Non-Demented Brain. CNS and Neurological Disorders, 2003, 2, 375-381.	4.3	14
81	Phosphorylation of Hippocampal Erk-1/2, Elk-1, and p90-Rsk-1 during Contextual Fear Conditioning: Interactions between Erk-1/2 and Elk-1. Molecular and Cellular Neurosciences, 2002, 21, 463-476.	2.2	95
82	Different effects of methionine-enkephalin on paw edema in two inbred rat strains. Peptides, 2002, 23, 1597-1605.	2.4	9
83	Cyclin-Dependent Kinase 5 Is Required for Associative Learning. Journal of Neuroscience, 2002, 22, 3700-3707.	3.6	127
84	High-resolution 3D MRI of mouse brain reveals small cerebral structures in vivo. Journal of Neuroscience Methods, 2002, 120, 203-209.	2.5	115
85	Behavior and Severity of Adjuvant Arthritis in Four Rat Strains. Brain, Behavior, and Immunity, 2001, 15, 255-265.	4.1	23
86	Phosphorylated cAMP response element binding protein in the mouse brain after fear conditioning: relationship to Fos production. Molecular Brain Research, 2001, 94, 15-24.	2.3	156
87	Pharmacological and chemical properties of astressin, antisauvagine-30 and Î±-helCRF: significance for behavioral experiments. Neuropharmacology, 2001, 41, 507-516.	4.1	36
88	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. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11142-11147.	7.1	58
89	Deletion of Crhr2 reveals an anxiolytic role for corticotropin-releasing hormone receptor-2. Nature Genetics, 2000, 24, 415-419.	21.4	477
90	Modulation of humoral immune responses in the rat by centrally applied Metâ€“Enk and opioid receptor antagonists: functional interactions of brain OP1, OP2 and OP3 receptors. Immunopharmacology, 2000, 49, 255-262.	2.0	17

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91	In vivo NMDA/dopamine interaction resulting in Fos production in the limbic system and basal ganglia of the mouse brain. Molecular Brain Research, 2000, 75, 271-280.	2.3	14
92	Role of regional neurotransmitter receptors in corticotropin-releasing factor (CRF)-mediated modulation of fear conditioning. Neuropharmacology, 2000, 39, 707-710.	4.1	35
93	Peripheral Effects of Methionine-Enkephalin on Inflammatory Reactions and Behavior in the Rat. NeuroImmunoModulation, 2000, 8, 70-77.	1.8	12
94	Modulation of Learning and Anxiety by Corticotropin-Releasing Factor (CRF) and Stress: Differential Roles of CRF Receptors 1 and 2. Journal of Neuroscience, 1999, 19, 5016-5025.	3.6	381
95	Differential impairment of auditory and contextual fear conditioning by protein synthesis inhibition in C57BL/6N mice.. Behavioral Neuroscience, 1999, 113, 496-506.	1.2	51
96	Strain and substrain differences in context- and tone-dependent fear conditioning of inbred mice. Behavioural Brain Research, 1999, 104, 1-12.	2.2	152
97	CRF and CRF Receptors. Results and Problems in Cell Differentiation, 1999, 26, 67-90.	0.7	10
98	Actions of CRF and its Analogs. Current Medicinal Chemistry, 1999, 6, 1035-1053.	2.4	65
99	Production of the Fos protein after contextual fear conditioning of C57BL/6N mice. Brain Research, 1998, 784, 37-47.	2.2	133
100	Characterization of native corticotropin-releasing factor receptor type 1 (cRFR1) in the rat and mouse central nervous system. Journal of Neuroscience Research, 1998, 54, 507-521.	2.9	77
101	Generalization of fear responses in C57BL/6N mice subjected to one-trial foreground contextual fear conditioning. Behavioural Brain Research, 1998, 95, 179-189.	2.2	108
102	Molecular Properties of the CRF Receptor. Trends in Endocrinology and Metabolism, 1998, 9, 140-145.	7.1	42
103	Relationship between Fos Production and Classical Fear Conditioning: Effects of Novelty, Latent Inhibition, and Unconditioned Stimulus Preexposure. Journal of Neuroscience, 1998, 18, 7452-7461.	3.6	224
104	Centrally applied NPY mimics immunoactivation induced by non-analgesic doses of met-enkephalin. NeuroReport, 1998, 9, 3881-3885.	1.2	25
105	Characterization of native corticotropinâ€releasing factor receptor type 1 (cRFR1) in the rat and mouse central nervous system. Journal of Neuroscience Research, 1998, 54, 507-521.	2.9	3
106	Stress-Induced Rise in Serum Anti-Brain Autoantibody Levels in the Rat. International Journal of Neuroscience, 1997, 89, 153-164.	1.6	7
107	Changes in Immunological and Neuronal Conditions Markedly Altered Antibody Response to Intracerebroventricularly Injected Ovalbumin in the Rat. NeuroImmunoModulation, 1997, 4, 181-187.	1.8	4
108	Structureâ€"function relationship of different domains of the rat corticotropin-releasing factor receptor. Molecular Brain Research, 1997, 52, 182-193.	2.3	36

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109	Naturally Occurring Anti-peptide Antibodies in the Rat. , 1997, , 197-203.		0
110	Suppression of adjuvant arthritis by k-opioid receptor agonist: Effect of route of administration and strain differences. Immunopharmacology, 1996, 34, 105-112.	2.0	15
111	Effect of Met-enkephalin and opioid antagonists on rat macrophages. Peptides, 1995, 16, 1209-1213.	2.4	17
112	Opioid receptor-mediated suppression of humoral immune response in vivo and in vitro: involvement of Îº opioid receptors. Journal of Neuroimmunology, 1995, 57, 55-62.	2.3	47
113	Tumor Necrosis Factor Alpha Differentially Regulates Beta-Endorphin Concentrations and Proopiomelanocortin RNA in the Anterior and Neurointermediate Pituitary in vivo. NeuroImmunoModulation, 1994, 1, 357-360.	1.8	8
114	Quaternary naltrexone: its immunomodulatory activity and interaction with brain delta and kappa opioid receptors. Immunopharmacology, 1994, 28, 105-112.	2.0	11
115	Opposing activities of brain opioid receptors in the regulation of humoral and cell-mediated immune responses in the rat. Brain Research, 1994, 661, 189-195.	2.2	31
116	Î²-Endorphin concentrations in brain areas and peritoneal macrophages in rats susceptible and resistant to experimental allergic encephalomyelitis: A possible relationship between tumor necrosis factor Î± and opioids in the disease. Journal of Neuroimmunology, 1994, 51, 169-176.	2.3	24
117	Kappa-Opioid Receptor Functions: Possible Relevance to Experimental Allergic Encephalomyelitis. NeuroImmunoModulation, 1994, 1, 236-241.	1.8	9
118	Enkephalins, Brain and Immunity: Modulation of Immune Responses by Methionine-Enkephalin Injected Into the Cerebral Cavity. International Journal of Neuroscience, 1992, 67, 241-270.	1.6	49