Robert D Blitzer

List of Publications by Year
in descending order

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36 papers	3,156 citations	257450 24 h-index	345221 36 g-index
39 all docs	39 docs citations	39 times ranked	4652 citing authors

#	Article	IF	Citations
1	Chronic Intermittent Hypoxia Enhances Pathological Tau Seeding, Propagation, and Accumulation and Exacerbates Alzheimer-like Memory and Synaptic Plasticity Deficits and Molecular Signatures. Biological Psychiatry, 2022, 91, 346-358.	1.3	26
2	miR155 regulation of behavior, neuropathology, and cortical transcriptomics in Alzheimer's disease. Acta Neuropathologica, 2020, 140, 295-315.	7.7	23
3	Wilmâ€™s tumor 1 promotes memory flexibility. Nature Communications, 2019, 10, 3756.	12.8	20
4	Autophagy protein NRBF2 has reduced expression in Alzheimerâ€™s brains and modulates memory and amyloid-beta homeostasis in mice. Molecular Neurodegeneration, 2019, 14, 43.	10.8	63
5	Integrative approach to sporadic Alzheimerâ€™s disease:Âdeficiency of TYROBPÂin cerebral AÎ² amyloidosis mouse normalizes clinical phenotype and complement subnetwork molecular pathology without reducing AÎ² burden. Molecular Psychiatry, 2019, 24, 431-446.	7.9	67
6	Integrative approach to sporadic Alzheimerâ€™s disease: deficiency of TYROBP in a tauopathy mouse model reduces C1q and normalizes clinical phenotype while increasing spread and state of phosphorylation of tau. Molecular Psychiatry, 2019, 24, 1383-1397.	7.9	46
7	Mutations in THAP1/DYT6 reveal that diverse dystonia genes disrupt similar neuronal pathways and functions. PLoS Genetics, 2018, 14, e1007169.	3.5	61
8	Deficiency of TYROBP, an adapter protein for TREM2 and CR3 receptors, is neuroprotective in a mouse model of early Alzheimerâ€™s pathology. Acta Neuropathologica, 2017, 134, 769-788.	7.7	85
9	Infantile amnesia reflects a developmental critical period for hippocampal learning. Nature Neuroscience, 2016, 19, 1225-1233.	14.8	118
10	mTOR and the Regulation of Translational Capacity in Late Forms of Synaptic Plasticity. , 2015, , 99-132.		1
11	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. Neuron, 2015, 87, 77-94.	8.1	257
12	The Parkinson's Disease-Associated Mutation LRRK2-G2019S Impairs Synaptic Plasticity in Mouse Hippocampus. Journal of Neuroscience, 2015, 35, 11190-11195.	3.6	54
13	Parental THC Exposure Leads to Compulsive Heroin-Seeking and Altered Striatal Synaptic Plasticity in the Subsequent Generation. Neuropsychopharmacology, 2014, 39, 1315-1323.	5.4	160
14	Cocoa Extracts Reduce Oligomerization of Amyloid-Î²: Implications for Cognitive Improvement in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 41, 643-650.	2.6	58
15	A critical role for IGF-II in memory consolidation and enhancement. Nature, 2011, 469, 491-497.	27.8	368
16	Synaptic Stimulation of mTOR Is Mediated by Wnt Signaling and Regulation of Glycogen Synthetase Kinase-3. Journal of Neuroscience, 2011, 31, 17537-17546.	3.6	75
17	Dysregulation of the mTOR Pathway Mediates Impairment of Synaptic Plasticity in a Mouse Model of Alzheimer's Disease. PLoS ONE, 2010, 5, e12845.	2.5	219
18	REDD1 Is a Major Target of Testosterone Action in Preventing Dexamethasone-Induced Muscle Loss. Endocrinology, 2010, 151, 1050-1059.	2.8	58

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19	Testosterone-induced hypertrophy of L6 myoblasts is dependent upon Erk and mTOR. Biochemical and Biophysical Research Communications, 2010, 400, 679-683.	2.1	48
20	Mitogen-Activated Protein Kinase Upregulates the Dendritic Translation Machinery in Long-Term Potentiation by Controlling the Mammalian Target of Rapamycin Pathway. Journal of Neuroscience, 2007, 27, 5885-5894.	3.6	171
21	Long-Term Potentiation: Mechanisms of Induction and Maintenance. Science Signaling, 2005, 2005, tr26-tr26.	3.6	13
22	Ligand-Gated Ion Channels. Science Signaling, 2005, 2005, tr12-tr12.	3.6	7
23	Local Protein Synthesis Mediates a Rapid Increase in Dendritic Elongation Factor 1A after Induction of Late Long-Term Potentiation. Journal of Neuroscience, 2005, 25, 5833-5843.	3.6	214
24	Postsynaptic signaling networks: Cellular cogwheels underlying long-term plasticity. Biological Psychiatry, 2005, 57, 113-119.	1.3	113
25	Toward Predictive Models of Mammalian Cells. Annual Review of Biophysics and Biomolecular Structure, 2005, 34, 319-349.	18.3	85
26	Mitogen-Activated Protein Kinase Regulates Early Phosphorylation and Delayed Expression of Ca²⁺/Calmodulin-Dependent Protein Kinase II in Long-Term Potentiation. Journal of Neuroscience, 2001, 21, 7053-7062.	3.6	103
27	Long-Term Potentiation Induced by Î¸ Frequency Stimulation Is Regulated by a Protein Phosphatase-1-Operated Gate. Journal of Neuroscience, 2000, 20, 7880-7887.	3.6	87
28	Amyloid Î² peptides activate the phosphoinositide signaling pathway in oocytes expressing rat brain RNA. Molecular Brain Research, 2000, 76, 115-120.	2.3	6
29	Metabotropic glutamate receptors limit adenylyl cyclase-mediated effects in rat hippocampus via protein kinase C. Neuroscience Letters, 1998, 244, 101-105.	2.1	12
30	Postsynaptic CAMP pathway gates early LTP in hippocampal CA1 region. Neuron, 1995, 15, 1403-1414.	8.1	291
31	The cholinergic inhibition of afterhyperpolarization in rat hippocampus is independent of cAMP-dependent protein kinase. Brain Research, 1994, 646, 312-314.	2.2	17
32	[11] Chloride current assay for phospholipase C in Xenopus oocytes. Methods in Enzymology, 1994, 238, 140-154.	1.0	11
33	Long-term potentiation in rat hippocampus is inhibited by low concentrations of ethanol. Brain Research, 1990, 537, 203-208.	2.2	158
34	Ethanol suppresses hippocampal cell firing through a calcium and cyclic AMP-sensitive mechanism. European Journal of Pharmacology, 1989, 164, 591-594.	3.5	10
35	Functional expression of brain cholecystokinin and bombesin receptors in Xenopus oocytes. Molecular Brain Research, 1988, 4, 75-79.	2.3	17
36	Characterization of the bupropion cue in the rat: Lack of evidence for a dopaminergic mechanism. Psychopharmacology, 1985, 85, 173-177.	3.1	30