# Robert D Blitzer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12125243/publications.pdf

Version: 2024-02-01

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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 | A critical role for IGF-II in memory consolidation and enhancement. Nature, 2011, 469, 491-497. | 27.8 | 368 |
| 2 | Postsynaptic CAMP pathway gates early LTP in hippocampal CA1 region. Neuron, 1995, 15, 1403-1414. | 8.1 | 291 |
| 3 | Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. Neuron, 2015, 87, 77-94. | 8.1 | 257 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Long-term potentiation in rat hippocampus is inhibited by low concentrations of ethanol. Brain Research, 1990, 537, 203-208. | 2.2 | 158 |
| 9 | Infantile amnesia reflects a developmental critical period for hippocampal learning. Nature Neuroscience, 2016, 19, 1225-1233. | 14.8 | 118 |
| 10 | Postsynaptic signaling networks: Cellular cogwheels underlying long-term plasticity. Biological Psychiatry, 2005, 57, 113-119. | 1.3 | 113 |
| 11 | Mitogen-Activated Protein Kinase Regulates Early Phosphorylation and Delayed Expression of Ca<sup>2+</sup>/Calmodulin-Dependent Protein Kinase II in Long-Term Potentiation. Journal of Neuroscience, 2001, 21, 7053-7062. | 3.6 | 103 |
| 12 | 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 |
| 13 | Toward Predictive Models of Mammalian Cells. Annual Review of Biophysics and Biomolecular Structure, 2005, 34, 319-349. | 18.3 | 85 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Mutations in THAP1/DYT6 reveal that diverse dystonia genes disrupt similar neuronal pathways and functions. PLoS Genetics, 2018, 14, e1007169. | 3.5 | 61 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | REDD1 Is a Major Target of Testosterone Action in Preventing Dexamethasone-Induced Muscle Loss. Endocrinology, 2010, 151, 1050-1059. | 2.8 | 58 |
| 20 | 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 |
| 21 | The Parkinson's Disease-Associated Mutation LRRK2-G2019S Impairs Synaptic Plasticity in Mouse Hippocampus. Journal of Neuroscience, 2015, 35, 11190-11195. | 3.6 | 54 |
| 22 | Testosterone-induced hypertrophy of L6 myoblasts is dependent upon Erk and mTOR. Biochemical and Biophysical Research Communications, 2010, 400, 679-683. | 2.1 | 48 |
| 23 | 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 |
| 24 | Characterization of the bupropion cue in the rat: Lack of evidence for a dopaminergic mechanism. Psychopharmacology, 1985, 85, 173-177. | 3.1 | 30 |
| 25 | 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 |
| 26 | miR155 regulation of behavior, neuropathology, and cortical transcriptomics in Alzheimer's disease. Acta Neuropathologica, 2020, 140, 295-315. | 7.7 | 23 |
| 27 | Wilmâ€™s tumor 1 promotes memory flexibility. Nature Communications, 2019, 10, 3756. | 12.8 | 20 |
| 28 | Functional expression of brain cholecystokinin and bombesin receptors in Xenopus oocytes. Molecular Brain Research, 1988, 4, 75-79. | 2.3 | 17 |
| 29 | The cholinergic inhibition of afterhyperpolarization in rat hippocampus is independent of cAMP-dependent protein kinase. Brain Research, 1994, 646, 312-314. | 2.2 | 17 |
| 30 | Long-Term Potentiation: Mechanisms of Induction and Maintenance. Science Signaling, 2005, 2005, tr26-tr26. | 3.6 | 13 |
| 31 | Metabotropic glutamate receptors limit adenylyl cyclase-mediated effects in rat hippocampus via protein kinase C. Neuroscience Letters, 1998, 244, 101-105. | 2.1 | 12 |
| 32 | [11] Chloride current assay for phospholipase C in Xenopus oocytes. Methods in Enzymology, 1994, 238, 140-154. | 1.0 | 11 |
| 33 | Ethanol suppresses hippocampal cell firing through a calcium and cyclic AMP-sensitive mechanism. European Journal of Pharmacology, 1989, 164, 591-594. | 3.5 | 10 |
| 34 | Ligand-Gated Ion Channels. Science Signaling, 2005, 2005, tr12-tr12. | 3.6 | 7 |
| 35 | Amyloid Î² peptides activate the phosphoinositide signaling pathway in oocytes expressing rat brain RNA. Molecular Brain Research, 2000, 76, 115-120. | 2.3 | 6 |
| 36 | mTOR and the Regulation of Translational Capacity in Late Forms of Synaptic Plasticity. , 2015, , 99-132. | | 1 |