

Robert C Malenka

List of Publications by Year in descending order

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170
papers

60,760
citations

1981

104
h-index

5622

168
g-index

188
all docs

188
docs citations

188
times ranked

43155
citing authors

#	ARTICLE	IF	CITATIONS
1	LTP and LTD. <i>Neuron</i> , 2004, 44, 5-21.	3.8	3,364
2	NEURAL MECHANISMS OF ADDICTION: The Role of Reward-Related Learning and Memory. <i>Annual Review of Neuroscience</i> , 2006, 29, 565-598.	5.0	2,489
3	AMPA Receptor Trafficking and Synaptic Plasticity. <i>Annual Review of Neuroscience</i> , 2002, 25, 103-126.	5.0	2,275
4	Synaptic scaling mediated by glial TNF- α . <i>Nature</i> , 2006, 440, 1054-1059.	13.7	1,473
5	Synaptic Plasticity: Multiple Forms, Functions, and Mechanisms. <i>Neuropharmacology</i> , 2008, 33, 18-41.	2.8	1,434
6	Synaptic plasticity and addiction. <i>Nature Reviews Neuroscience</i> , 2007, 8, 844-858.	4.9	1,402
7	Drugs of Abuse and Stress Trigger a Common Synaptic Adaptation in Dopamine Neurons. <i>Neuron</i> , 2003, 37, 577-582.	3.8	1,334
8	Single cocaine exposure in vivo induces long-term potentiation in dopamine neurons. <i>Nature</i> , 2001, 411, 583-587.	13.7	1,277
9	Synaptic plasticity: LTP and LTD. <i>Current Opinion in Neurobiology</i> , 1994, 4, 389-399.	2.0	1,195
10	Evidence for silent synapses: Implications for the expression of LTP. <i>Neuron</i> , 1995, 15, 427-434.	3.8	1,147
11	Addiction and the brain: The neurobiology of compulsion and its persistence. <i>Nature Reviews Neuroscience</i> , 2001, 2, 695-703.	4.9	1,147
12	Natural Neural Projection Dynamics Underlying Social Behavior. <i>Cell</i> , 2014, 157, 1535-1551.	13.5	1,121
13	An essential role for postsynaptic calmodulin and protein kinase activity in long-term potentiation. <i>Nature</i> , 1989, 340, 554-557.	13.7	1,079
14	Input-specific control of reward and aversion in the ventral tegmental area. <i>Nature</i> , 2012, 491, 212-217.	13.7	1,062
15	Mechanisms underlying induction of homosynaptic long-term depression in area CA1 of the hippocampus. <i>Neuron</i> , 1992, 9, 967-975.	3.8	1,029
16	Involvement of a calcineurin/ inhibitor-1 phosphatase cascade in hippocampal long-term depression. <i>Nature</i> , 1994, 369, 486-488.	13.7	1,018
17	Social reward requires coordinated activity of nucleus accumbens oxytocin and serotonin. <i>Nature</i> , 2013, 501, 179-184.	13.7	960
18	Drug-Evoked Synaptic Plasticity in Addiction: From Molecular Changes to Circuit Remodeling. <i>Neuron</i> , 2011, 69, 650-663.	3.8	896

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19	Striatal Plasticity and Basal Ganglia Circuit Function. <i>Neuron</i> , 2008, 60, 543-554.	3.8	855
20	Differential Regulation of AMPA Receptor and GABA Receptor Trafficking by Tumor Necrosis Factor- α . <i>Journal of Neuroscience</i> , 2005, 25, 3219-3228.	1.7	834
21	Contrasting properties of two forms of long-term potentiation in the hippocampus. <i>Nature</i> , 1995, 377, 115-118.	13.7	831
22	Dopaminergic Modulation of Neuronal Excitability in the Striatum and Nucleus Accumbens. <i>Annual Review of Neuroscience</i> , 2000, 23, 185-215.	5.0	823
23	NMDA-receptor-dependent synaptic plasticity: multiple forms and mechanisms. <i>Trends in Neurosciences</i> , 1993, 16, 521-527.	4.2	820
24	Circuit Architecture of VTA Dopamine Neurons Revealed by Systematic Input-Output Mapping. <i>Cell</i> , 2015, 162, 622-634.	13.5	777
25	NMDA Receptor-Dependent Long-Term Potentiation and Long-Term Depression (LTP/LTD). <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a005710-a005710.	2.3	720
26	Essential functions of synapsins I and II in synaptic vesicle regulation. <i>Nature</i> , 1995, 375, 488-493.	13.7	708
27	Electrical and synaptic integration of glioma into neural circuits. <i>Nature</i> , 2019, 573, 539-545.	13.7	706
28	Potentiation of synaptic transmission in the hippocampus by phorbol esters. <i>Nature</i> , 1986, 321, 175-177.	13.7	668
29	Regulation of AMPA receptor endocytosis by a signaling mechanism shared with LTD. <i>Nature Neuroscience</i> , 2000, 3, 1291-1300.	7.1	660
30	A critical period for long-term potentiation at thalamocortical synapses. <i>Nature</i> , 1995, 375, 325-328.	13.7	644
31	Projection-Specific Modulation of Dopamine Neuron Synapses by Aversive and Rewarding Stimuli. <i>Neuron</i> , 2011, 70, 855-862.	3.8	642
32	Role of AMPA Receptor Cycling in Synaptic Transmission and Plasticity. <i>Neuron</i> , 1999, 24, 649-658.	3.8	641
33	Long-term depression in the nucleus accumbens: a neural correlate of behavioral sensitization to cocaine. <i>Nature Neuroscience</i> , 2001, 4, 1217-1223.	7.1	615
34	Intact-Brain Analyses Reveal Distinct Information Carried by SNc Dopamine Subcircuits. <i>Cell</i> , 2015, 162, 635-647.	13.5	608
35	Reward and aversion in a heterogeneous midbrain dopamine system. <i>Neuropharmacology</i> , 2014, 76, 351-359.	2.0	606
36	Viral-genetic tracing of the input-output organization of a central noradrenaline circuit. <i>Nature</i> , 2015, 524, 88-92.	13.7	601

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37	Synaptic plasticity in the hippocampus: LTP and LTD. <i>Cell</i> , 1994, 78, 535-538.	13.5	596
38	The addicted synapse: mechanisms of synaptic and structural plasticity in nucleus accumbens. <i>Trends in Neurosciences</i> , 2010, 33, 267-276.	4.2	566
39	Neuronal Activity Promotes Glioma Growth through Neuroligin-3 Secretion. <i>Cell</i> , 2015, 161, 803-816.	13.5	550
40	Diverging neural pathways assemble a behavioural state from separable features in anxiety. <i>Nature</i> , 2013, 496, 219-223.	13.7	543
41	Acute and Chronic Cocaine-Induced Potentiation of Synaptic Strength in the Ventral Tegmental Area: Electrophysiological and Behavioral Correlates in Individual Rats. <i>Journal of Neuroscience</i> , 2004, 24, 7482-7490.	1.7	523
42	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. <i>Neuron</i> , 2019, 103, 217-234.e4.	3.8	518
43	Kainate receptors mediate a slow postsynaptic current in hippocampal CA3 neurons. <i>Nature</i> , 1997, 388, 182-186.	13.7	504
44	Two Distinct Forms of Long-Term Depression Coexist in CA1 Hippocampal Pyramidal Cells. <i>Neuron</i> , 1997, 18, 969-982.	3.8	490
45	Activity-dependent regulation of dendritic synthesis and trafficking of AMPA receptors. <i>Nature Neuroscience</i> , 2004, 7, 244-253.	7.1	477
46	NMDA application potentiates synaptic transmission in the hippocampus. <i>Nature</i> , 1988, 334, 250-252.	13.7	462
47	Mechanism and Time Course of Cocaine-Induced Long-Term Potentiation in the Ventral Tegmental Area. <i>Journal of Neuroscience</i> , 2008, 28, 9092-9100.	1.7	462
48	Use-dependent increases in glutamate concentration activate presynaptic metabotropic glutamate receptors. <i>Nature</i> , 1997, 385, 630-634.	13.7	436
49	Postsynaptic Membrane Fusion and Long-Term Potentiation. <i>Science</i> , 1998, 279, 399-403.	6.0	416
50	Gating of social reward by oxytocin in the ventral tegmental area. <i>Science</i> , 2017, 357, 1406-1411.	6.0	414
51	Rapid redistribution of glutamate receptors contributes to long-term depression in hippocampal cultures. <i>Nature Neuroscience</i> , 1999, 2, 454-460.	7.1	411
52	Ca ²⁺ Signaling Requirements for Long-Term Depression in the Hippocampus. <i>Neuron</i> , 1996, 16, 825-833.	3.8	403
53	Autism-Associated Neuroligin-3 Mutations Commonly Impair Striatal Circuits to Boost Repetitive Behaviors. <i>Cell</i> , 2014, 158, 198-212.	13.5	397
54	Role of ampa receptor endocytosis in synaptic plasticity. <i>Nature Reviews Neuroscience</i> , 2001, 2, 315-324.	4.9	396

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55	Cyclic AMP Mediates a Presynaptic Form of LTP at Cerebellar Parallel Fiber Synapses. <i>Neuron</i> , 1996, 16, 797-803.	3.8	382
56	RIM1 α is required for presynaptic long-term potentiation. <i>Nature</i> , 2002, 415, 327-330.	13.7	377
57	Cellular Taxonomy of the Mouse Striatum as Revealed by Single-Cell RNA-Seq. <i>Cell Reports</i> , 2016, 16, 1126-1137.	2.9	344
58	Rab3A is essential for mossy fibre long-term potentiation in the hippocampus. <i>Nature</i> , 1997, 388, 590-593.	13.7	336
59	LRRTM2 Functions as a Neurexin Ligand in Promoting Excitatory Synapse Formation. <i>Neuron</i> , 2009, 64, 791-798.	3.8	315
60	Anhedonia requires MC4R-mediated synaptic adaptations in nucleus accumbens. <i>Nature</i> , 2012, 487, 183-189.	13.7	311
61	Postsynaptic TRPV1 triggers cell type-specific long-term depression in the nucleus accumbens. <i>Nature Neuroscience</i> , 2010, 13, 1519-1525.	7.1	302
62	Postsynaptic factors control the duration of synaptic enhancement in area CA1 of the hippocampus. <i>Neuron</i> , 1991, 6, 53-60.	3.8	300
63	CREB modulates excitability of nucleus accumbens neurons. <i>Nature Neuroscience</i> , 2006, 9, 475-477.	7.1	299
64	Synaptic Plasticity and AMPA Receptor Trafficking. <i>Annals of the New York Academy of Sciences</i> , 2003, 1003, 1-11.	1.8	296
65	Autism-linked neuroligin-3 R451C mutation differentially alters hippocampal and cortical synaptic function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13764-13769.	3.3	296
66	Diversity of Transgenic Mouse Models for Selective Targeting of Midbrain Dopamine Neurons. <i>Neuron</i> , 2015, 85, 429-438.	3.8	285
67	A developmental switch in the signaling cascades for LTP induction. <i>Nature Neuroscience</i> , 2003, 6, 15-16.	7.1	282
68	B-Lymphocyte-Mediated Delayed Cognitive Impairment following Stroke. <i>Journal of Neuroscience</i> , 2015, 35, 2133-2145.	1.7	257
69	A Brainstem-Spinal Cord Inhibitory Circuit for Mechanical Pain Modulation by GABA and Enkephalins. <i>Neuron</i> , 2017, 93, 822-839.e6.	3.8	250
70	Autism-Associated Neuroligin-3 Mutations Commonly Disrupt Tonic Endocannabinoid Signaling. <i>Neuron</i> , 2013, 78, 498-509.	3.8	247
71	Presynaptic Neurexin-3 Alternative Splicing trans-Synaptically Controls Postsynaptic AMPA Receptor Trafficking. <i>Cell</i> , 2013, 154, 75-88.	13.5	246
72	Temporal limits on the rise in postsynaptic calcium required for the induction of long-term potentiation. <i>Neuron</i> , 1992, 9, 121-128.	3.8	241

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73	Development of Excitatory Circuitry in the Hippocampus. <i>Journal of Neurophysiology</i> , 1998, 79, 2013-2024.	0.9	238
74	Decreased motivation during chronic pain requires long-term depression in the nucleus accumbens. <i>Science</i> , 2014, 345, 535-542.	6.0	233
75	Phorbol esters block a voltage-sensitive chloride current in hippocampal pyramidal cells. <i>Nature</i> , 1986, 321, 695-697.	13.7	224
76	Regulation of Synaptic Strength by Protein Phosphatase 1. <i>Neuron</i> , 2001, 32, 1133-1148.	3.8	209
77	Alternative N-Terminal Domains of PSD-95 and SAP97 Govern Activity-Dependent Regulation of Synaptic AMPA Receptor Function. <i>Neuron</i> , 2006, 51, 99-111.	3.8	209
78	Behavioral Abnormalities and Circuit Defects in the Basal Ganglia of a Mouse Model of 16p11.2 Deletion Syndrome. <i>Cell Reports</i> , 2014, 7, 1077-1092.	2.9	208
79	Activation of NR2B-containing NMDA receptors is not required for NMDA receptor-dependent long-term depression. <i>Neuropharmacology</i> , 2007, 52, 71-76.	2.0	199
80	Structural foundations of optogenetics: Determinants of channelrhodopsin ion selectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 822-829.	3.3	197
81	Simultaneous LTP of non-NMDA- and LTD of NMDA-receptor-mediated responses in the nucleus accumbens. <i>Nature</i> , 1994, 368, 242-246.	13.7	194
82	LTP Requires a Unique Postsynaptic SNARE Fusion Machinery. <i>Neuron</i> , 2013, 77, 542-558.	3.8	192
83	The long-term potential of LTP. <i>Nature Reviews Neuroscience</i> , 2003, 4, 923-926.	4.9	189
84	Parallel circuits from the bed nuclei of stria terminalis to the lateral hypothalamus drive opposing emotional states. <i>Nature Neuroscience</i> , 2018, 21, 1084-1095.	7.1	185
85	Dopamine Depresses Excitatory and Inhibitory Synaptic Transmission by Distinct Mechanisms in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 1997, 17, 5697-5710.	1.7	184
86	Anterior cingulate inputs to nucleus accumbens control the social transfer of pain and analgesia. <i>Science</i> , 2021, 371, 153-159.	6.0	179
87	Distinct triggering and expression mechanisms underlie LTD of AMPA and NMDA synaptic responses. <i>Nature Neuroscience</i> , 2005, 8, 1043-1050.	7.1	169
88	5-HT release in nucleus accumbens rescues social deficits in mouse autism model. <i>Nature</i> , 2018, 560, 589-594.	13.7	169
89	ΔFosB differentially modulates nucleus accumbens direct and indirect pathway function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1923-1928.	3.3	167
90	Rabphilin Knock-Out Mice Reveal That Rabphilin Is Not Required for Rab3 Function in Regulating Neurotransmitter Release. <i>Journal of Neuroscience</i> , 1999, 19, 5834-5846.	1.7	162

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91	NMDAR EPSC kinetics do not regulate the critical period for LTP at thalamocortical synapses. <i>Nature Neuroscience</i> , 2001, 4, 235-236.	7.1	162
92	Molecular Dissociation of the Role of PSD-95 in Regulating Synaptic Strength and LTD. <i>Neuron</i> , 2008, 57, 248-262.	3.8	161
93	A critical role for PSD-95/AKAP interactions in endocytosis of synaptic AMPA receptors. <i>Nature Neuroscience</i> , 2009, 12, 172-181.	7.1	160
94	Postsynaptic synaptotagmins mediate AMPA receptor exocytosis during LTP. <i>Nature</i> , 2017, 544, 316-321.	13.7	153
95	Long-Term Potentiation in Cultures of Single Hippocampal Granule Cells: A Presynaptic Form of Plasticity. <i>Neuron</i> , 1996, 16, 1147-1157.	3.8	145
96	Deep posteromedial cortical rhythm in dissociation. <i>Nature</i> , 2020, 586, 87-94.	13.7	145
97	Single-Cell mRNA Profiling Reveals Cell-Type-Specific Expression of Neurexin Isoforms. <i>Neuron</i> , 2015, 87, 326-340.	3.8	144
98	Modulation of Synaptic Transmission by Dopamine and Norepinephrine in Ventral but not Dorsal Striatum. <i>Journal of Neurophysiology</i> , 1998, 79, 1768-1776.	0.9	143
99	NEUROSCIENCE: Learning Mechanisms: The Case for CaM-KII. <i>Science</i> , 1997, 276, 2001-2002.	6.0	130
100	Independent mechanisms for long-term depression of AMPA and NMDA responses. <i>Neuron</i> , 1995, 15, 417-426.	3.8	125
101	The neurexin ligands, neuroligins and leucine-rich repeat transmembrane proteins, perform convergent and divergent synaptic functions in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16502-16509.	3.3	124
102	Î²-Neurexins Control Neural Circuits by Regulating Synaptic Endocannabinoid Signaling. <i>Cell</i> , 2015, 162, 593-606.	13.5	123
103	Optogenetics: 10 years after Chr2 in neuronsâ€™ views from the community. <i>Nature Neuroscience</i> , 2015, 18, 1202-1212.	7.1	122
104	Postsynaptic Complexin Controls AMPA Receptor Exocytosis during LTP. <i>Neuron</i> , 2012, 73, 260-267.	3.8	118
105	Role of intercellular interactions in heterosynaptic long-term depression. <i>Nature</i> , 1996, 380, 446-450.	13.7	112
106	Synaptic plasticity in the mesolimbic dopamine system. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003, 358, 815-819.	1.8	110
107	Input- and Output-Specific Regulation of Serial Order Performance by Corticostriatal Circuits. <i>Neuron</i> , 2015, 88, 345-356.	3.8	108
108	Calcium Binding to PICK1 Is Essential for the Intracellular Retention of AMPA Receptors Underlying Long-Term Depression. <i>Journal of Neuroscience</i> , 2010, 30, 16437-16452.	1.7	105

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109	Cav1.3 channels control D2-autoreceptor responses via NCS-1 in substantia nigra dopamine neurons. <i>Brain</i> , 2014, 137, 2287-2302.	3.7	103
110	Rabies screen reveals GPe control of cocaine-triggered plasticity. <i>Nature</i> , 2017, 549, 345-350.	13.7	94
111	A calcineurin/AKAP complex is required for NMDA receptor-dependent long-term depression. <i>Nature Neuroscience</i> , 2010, 13, 1053-1055.	7.1	92
112	Continuous and Discrete Neuron Types of the Adult Murine Striatum. <i>Neuron</i> , 2020, 105, 688-699.e8.	3.8	92
113	The best way forward. <i>Nature</i> , 2014, 515, 200-201.	13.7	90
114	Neurexins/LRRTMs prevent activity- and Ca ²⁺ /calmodulin-dependent synapse elimination in cultured neurons. <i>Journal of Cell Biology</i> , 2011, 194, 323-334.	2.3	88
115	Excitatory transmission at thalamo-striatal synapses mediates susceptibility to social stress. <i>Nature Neuroscience</i> , 2015, 18, 962-964.	7.1	86
116	Postsynaptic adhesion GPCR latrophilin-2 mediates target recognition in entorhinal-hippocampal synapse assembly. <i>Journal of Cell Biology</i> , 2017, 216, 3831-3846.	2.3	86
117	Topological Organization of Ventral Tegmental Area Connectivity Revealed by Viral-Genetic Dissection of Input-Output Relations. <i>Cell Reports</i> , 2019, 26, 159-167.e6.	2.9	81
118	Closing the loop on impulsivity via nucleus accumbens delta-band activity in mice and man. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 192-197.	3.3	80
119	Illuminating circuitry relevant to psychiatric disorders with optogenetics. <i>Current Opinion in Neurobiology</i> , 2015, 30, 9-16.	2.0	76
120	The Retromer Supports AMPA Receptor Trafficking During LTP. <i>Neuron</i> , 2017, 94, 74-82.e5.	3.8	74
121	Retinoic Acid and LTP Recruit Postsynaptic AMPA Receptors Using Distinct SNARE-Dependent Mechanisms. <i>Neuron</i> , 2015, 86, 442-456.	3.8	72
122	Modulation of excitation on parvalbumin interneurons by neuroligin-3 regulates the hippocampal network. <i>Nature Neuroscience</i> , 2017, 20, 219-229.	7.1	71
123	Synaptotagmin-1 and -7 Are Redundantly Essential for Maintaining the Capacity of the Readily-Releasable Pool of Synaptic Vesicles. <i>PLoS Biology</i> , 2015, 13, e1002267.	2.6	71
124	Amygdala-Midbrain Connections Modulate Appetitive and Aversive Learning. <i>Neuron</i> , 2020, 106, 1026-1043.e9.	3.8	70
125	Nucleus Accumbens Modulation in Reward and Aversion. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2018, 83, 119-129.	2.0	67
126	Neuroligin-1 Signaling Controls LTP and NMDA Receptors by Distinct Molecular Pathways. <i>Neuron</i> , 2019, 102, 621-635.e3.	3.8	67

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127	Leucine-Rich Repeat Transmembrane Proteins Are Essential for Maintenance of Long-Term Potentiation. <i>Neuron</i> , 2013, 79, 439-446.	3.8	66
128	Distinct neural mechanisms for the prosocial and rewarding properties of MDMA. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	56
129	A Comparison of Striatal-Dependent Behaviors in Wild-Type and Hemizygous <i>Drd1a</i> and <i>Drd2</i> BAC Transgenic Mice. <i>Journal of Neuroscience</i> , 2012, 32, 9119-9123.	1.7	52
130	Deletion of <i>LRRTM1</i> and <i>LRRTM2</i> in adult mice impairs basal AMPA receptor transmission and LTP in hippocampal CA1 pyramidal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5382-E5389.	3.3	51
131	Cocaine-Induced Structural Plasticity in Input Regions to Distinct Cell Types in Nucleus Accumbens. <i>Biological Psychiatry</i> , 2018, 84, 893-904.	0.7	47
132	5-HT modulation of a medial septal circuit tunes social memory stability. <i>Nature</i> , 2021, 599, 96-101.	13.7	47
133	Spike Timing-Dependent Long-Term Potentiation in Ventral Tegmental Area Dopamine Cells Requires PKC. <i>Journal of Neurophysiology</i> , 2008, 100, 533-538.	0.9	44
134	A Molecular Calcium Integrator Reveals a Striatal Cell Type Driving Aversion. <i>Cell</i> , 2020, 183, 2003-2019.e16.	13.5	40
135	Optogenetics and the Circuit Dynamics of Psychiatric Disease. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2019.	3.8	39
136	Substrate Localization Creates Specificity in Calcium/Calmodulin-dependent Protein Kinase II Signaling at Synapses. <i>Journal of Biological Chemistry</i> , 2006, 281, 13794-13804.	1.6	38
137	The Emerging Role of Nucleus Accumbens Oxytocin in Social Cognition. <i>Biological Psychiatry</i> , 2014, 76, 354-355.	0.7	38
138	Input-specific modulation of murine nucleus accumbens differentially regulates hedonic feeding. <i>Nature Communications</i> , 2021, 12, 2135.	5.8	35
139	Complementary Genetic Targeting and Monosynaptic Input Mapping Reveal Recruitment and Refinement of Distributed Corticostriatal Ensembles by Cocaine. <i>Neuron</i> , 2019, 104, 916-930.e5.	3.8	34
140	Loss of the neural-specific BAF subunit <i>ACTL6B</i> relieves repression of early response genes and causes recessive autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10055-10066.	3.3	34
141	Never fear, LTP is hear. <i>Nature</i> , 1997, 390, 552-553.	13.7	32
142	MDMA as a Probe and Treatment for Social Behaviors. <i>Cell</i> , 2016, 166, 269-272.	13.5	32
143	Long-term potentiation is independent of the C-tail of the GluA1 AMPA receptor subunit. <i>ELife</i> , 2020, 9, .	2.8	25
144	LTP: AMPA receptors trading places. <i>Nature Neuroscience</i> , 2006, 9, 593-594.	7.1	23

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145	Selective filtering of excitatory inputs to nucleus accumbens by dopamine and serotonin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	23
146	Neural circuits regulating prosocial behaviors. Neuropsychopharmacology, 2023, 48, 79-89.	2.8	23
147	Synaptic Function of Rab11Fip5: Selective Requirement for Hippocampal Long-Term Depression. Journal of Neuroscience, 2015, 35, 7460-7474.	1.7	21
148	Systemic enhancement of serotonin signaling reverses social deficits in multiple mouse models for ASD. Neuropsychopharmacology, 2021, 46, 2000-2010.	2.8	21
149	Disruptive Psychopharmacology. JAMA Psychiatry, 2019, 76, 775.	6.0	20
150	Recollection of lost memories. Nature, 2011, 469, 44-45.	13.7	19
151	Brain-Responsive Neurostimulation for Loss of Control Eating: Early Feasibility Study. Neurosurgery, 2020, 87, 1277-1288.	0.6	16
152	Dissecting neural mechanisms of prosocial behaviors. Current Opinion in Neurobiology, 2021, 68, 9-14.	2.0	15
153	Mucking up movements. Nature, 1994, 372, 218-219.	13.7	12
154	Local accumbens inÂvivo imaging during deep brain stimulation reveals a strategy-dependent amelioration of hedonic feeding. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	10
155	Long-distance long-term depression. Nature, 1997, 388, 427-428.	13.7	9
156	Accumbens coordinated reset stimulation in mice exhibits ameliorating aftereffects on binge alcohol drinking. Brain Stimulation, 2021, 14, 330-334.	0.7	9
157	Somatodendritic Release of Cholecystokinin Potentiates GABAergic Synapses Onto Ventral Tegmental Area Dopamine Cells. Biological Psychiatry, 2023, 93, 197-208.	0.7	9
158	NIH Workshop Report. Neuron, 2002, 36, 29-30.	3.8	8
159	Mechanisms Underlying Dedepression of Synaptic NMDA Receptors in the Hippocampus. Journal of Neurophysiology, 2008, 99, 254-263.	0.9	8
160	Long-term depression with a flash. Nature Neuroscience, 1998, 1, 89-90.	7.1	7
161	Is bigger better?. Nature, 1998, 396, 414-415.	13.7	6
162	An Immunocytochemical Assay for Activity-Dependent Redistribution of Glutamate Receptors from the Postsynaptic Plasma Membrane. Annals of the New York Academy of Sciences, 1999, 868, 550-553.	1.8	6

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163	Delivering the goods to synapses. <i>Nature Neuroscience</i> , 2000, 3, 1064-1066.	7.1	6
164	The role of synaptic plasticity in addiction. <i>Clinical Neuroscience Research</i> , 2005, 5, 141-146.	0.8	6
165	From Synapses to Behavior: What Rodent Models Can Tell Us About Neuropsychiatric Disease. <i>Biological Psychiatry</i> , 2016, 79, 4-6.	0.7	6
166	Better living through chemistry: MDMA's prosocial mechanism as a starting point for improved therapeutics. <i>Neuropsychopharmacology</i> , 2021, 46, 261-261.	2.8	6
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