Neuronal plasticity in the septal nuclei of the adult rat

Brain Research

14, 25-48

DOI: 10.1016/0006-8993(69)90029-8

Citation Report

#	Article	IF	Citations
1	Effect on the Superior Colliculus of Cortical Removal in Visually Deprived Cats. Nature, 1969, 224, 1032-1033.	13.7	55
2	A comparison of the mode of termination of the hippocampal and hypothalamic afferents to the septal nuclei as revealed by electron microscopy of degeneration. Experimental Brain Research, 1969, 7, 317-43.	0.7	86
3	Neuronal plasticity in the septal nuclei of the adult rat. Brain Research, 1969, 14, 25-48.	1.1	820
4	Persistence of post-synaptic membrane thickenings after degeneration of olfactory nerves. Brain Research, 1969, 16, 277-281.	1.1	50
5	What can we know about memory?. BMJ: British Medical Journal, 1970, 1, 647-652.	2.4	5
6	Localization of quinine aversion within the septum, habenula, and interpeduncular nucleus of the rat.. Journal of Comparative and Physiological Psychology, 1970, 71, 376-383.	1.8	66
7	Mechanisms of Functional Recovery Following Lesions of Visual Cortex or Superior Colliculus in Neonate and Adult Hamsters. Brain, Behavior and Evolution, 1970, 3, 295-323.	0.9	267
8	Neurochemistry: At the Crossroads of Neurobiology. Annual Review of Biochemistry, 1970, 39, 777-820.	5.0	40
9	Effects of visual deafferentation on mesencephalic reticular activity in freely behaving cats. Experimental Neurology, 1970, 29, 251-267.	2.0	13
10	Functional Stimulation of Disabled Limbs. The Hand, 1971, 3, 15-19.	0.1	2
11	Modifications of synaptic patterns in the superior colliculus of the rat during development and following deafferentation. Vision Research, 1971, 11, 281-IN40.	0.7	106
12	Axonal regeneration and formation of synapses proximal to the site of lesion following hemisection of the rat spinal cord. Experimental Neurology, 1971, 30, 336-351.	2.0	122
13	Stimulus processing and response execution: A neurobehavioral theory. Physiology and Behavior, 1971, 6, 589-596.	1.0	67
14	Plastic changes in the adrenergic innervation of the rat septal area in response to denervation. Brain Research, 1971, 33, 13-35.	1.1	324
15	Fine structural aspects of the synaptic organization of spinal trigeminal nucleus (pars interpolaris) of the cat. Brain Research, 1971, 25, 265-287.	1.1	132
16	Studies on norepinephrine-containing afferents to Purkinje cells of rat cerebellum. I. Localization of the fibers and their synapses. Brain Research, 1971, 25, 501-521.	1.1	384
17	Evidence for regenerative axon sprouting of central catecholamine neurons in the rat mesencephalon following electrolytic lesions. Brain Research, 1971, 25, 579-596.	1.1	213
18	Functional development of the prefrontal cortex in early life and the problem of neuronal plasticity. Experimental Neurology, 1971, 32, 366-387.	2.0	259

#	Article	IF	Citations
19	Hippocampal control of behavioral arousal: Duration of lesion effects and possible interactions with recovery after frontal cortical damage. Experimental Neurology, 1971, 33, 159-170.	2.0	74
20	Medial septal lesions, hippocampal theta rhythm and the control of vibrissal movement in the freely moving rat. Electroencephalography and Clinical Neurophysiology, 1971, 30, 189-197.	0.3	95
21	Formation of New Connexions in Adult Rat Brains after Partial Deafferentation. Nature, 1971, 232, 542-545.	13.7	363
23	Regeneration of monoamine-containing axons in the developing and adult spinal cord of the rat following intraspinal 6-OH-dopamine injections or transections. Histochemie Histochemistry Histochimie, 1971, 28, 1-15.	1.3	125
24	The synaptic organization in the medial geniculate body of afferent fibres ascending from the inferior colliculus. Cell and Tissue Research, 1971, 113, 44-66.	1.5	73
25	Ipsilateral afferents to the commissural zone of the fascia dentata, demonstrated in decommissurated rats by silver impregnation. Journal of Comparative Neurology, 1971, 142, 393-416.	0.9	228
26	Hippocampal efferents to the ipsilateral entorhinal area: An experimental study in the rat. Journal of Comparative Neurology, 1971, 142, 417-437.	0.9	186
27	Synaptic Adjustment after Deafferentation of the Superior Colliculus of the Rat. Science, 1971, 171, 804-807.	6.0	257
28	EFFECTS OF MEDULLARY PYRAMIDOTOMY IN THE MONKEY: II. ABNORMALITIES OF SPINDLE AFFERENT RESPONSES. Brain, 1971, 94, 515-530.	3.7	34
29	Septum and behavior: A review.. Psychological Bulletin, 1972, 78, 292-310.	5.5	225
30	Regenerative reconstruction of a tract in a rat's brain. Experimental Neurology, 1972, 34, 455-464.	2.0	19
31	Growth of intact central adrenergic axons in the denervated lateral geniculate body. Experimental Neurology, 1972, 35, 290-299.	2.0	79
32	Recovery of function with two-stage lesions of the fornix. Experimental Neurology, 1972, 37, 14-22.	2.0	17
33	Development of synaptic patterns in the superior colliculus of the rat. Brain Research, 1972, 42, 1-20.	1.1	165
34	The effects of varying periods of visual deprivation on synaptogenesis in the superior colliculus of the rat. Brain Research, 1972, 42, 21-32.	1.1	64
35	The potential of cervical primary afferents to sprout in the spinal nucleus of V following long term trigeminal denervation. Brain Research, 1972, 43, 547-560.	1.1	82
36	Induced acetylcholinesterase-rich layer in rat dentate gyrus following entorhinal lesions. Brain Research, 1972, 42, 311-318.	1.1	459
37	Alterations in the Microphysiology of Glial Cells and Neurons and Their Environment in Injured Brain. Neurosurgery, 1972, 19, 69-83.	0.6	5

#	Article	IF	Citations
38	Experiments to determine whether retinogeniculate axons can form translaminar collateral sprouts in the dorsal lateral geniculate nucleus of the cat. Journal of Comparative Neurology, 1972, 146, 407-419.	0.9	145
39	Reconstruction of dendritic growth cones in neonatal mouse olfactory bulb. Journal of Neurocytology, 1972, 1, 169-187.	1.6	110
40	Restitution of function in the CNS: The pathologic grasp in Macaca mulatta. Experimental Brain Research, 1972, 15, 79-96.	0.7	33
41	A quantitative ultrastructural analysis of the distribution of amygdaloid fibres in the preoptic area and the ventromedial hypothalamic nucleus. Experimental Brain Research, 1972, 14, 527-38.	0.7	33
42	Augmentation in hypothalamic histamine induced by diencephalic lesions in rats. Agents and Actions, 1973, 3, 181-181.	0.7	8
43	Re-establishment of electrophysiologically functional entorhinal cortical input to the dentate gyrus deafferented by ipsilateral entorhinal lesions: Innervation by the contralaeral entorhinal cortex. Experimental Brain Research, 1973, 18, 396-414.	0.7	165
44	Some intrinsic connections of the hippocampus in the rat: An experimental analysis. Journal of Comparative Neurology, 1973, 147, 145-161.	0.9	283
45	Synaptic reorganization in the degenerating lateral geniculate nucleus of the rabbit. Journal of Comparative Neurology, 1973, 147, 321-349.	0.9	71
46	Spreading of uncrossed retinal projection in superior colliculus of neonatally enucleated rabbits. Journal of Comparative Neurology, 1973, 151, 307-321.	0.9	78
47	Effect of light on the synaptic organization of the inner plexiform layer of the retina in albino rats. Experientia, 1973, 29, 851-854.	1.2	8
48	Brain damage and behavioral recovery: Serial lesion phenomena. Brain Research, 1973, 63, 1-18.	1.1	111
49	Altered distribution of choline acetyltransferase and acetylcholinesterase activities in the developing rat dentate gyrus following entorhinal lesion. Brain Research, 1973, 63, 215-230.	1.1	48
50	Dynamic changes in brain dopamine-Î²-hydroxylase activity during anterograde and retrograde reactions to injury of central noradrenergic axons. Brain Research, 1973, 57, 307-326.	1.1	125
51	Extended commissural and ipsilateral projections in postnatally deentorhinated hippocampus and fascia dentata demonstrated in rats by silver impregnation. Brain Research, 1973, 64, 293-311.	1.1	149
52	Changes in the Timm sulfide silver staining pattern of the rat hippocampus and fascia dentata following early postnatal deafferentation. Brain Research, 1973, 64, 313-326.	1.1	111
53	Developmental differences in post-lesion axonal growth in the hippocampus. Brain Research, 1973, 59, 155-168.	1.1	210
54	Proliferation of norepinephrine-containing axons in rat cerebellar cortex after peduncle lesions. Brain Research, 1973, 59, 169-179.	1.1	92
55	Electron microscopic studies of the development of new neurohaemal contacts in the median eminence of the rat after hypophysectomy. Brain Research, 1973, 55, 245-261.	1.1	83

#	Article	IF	Citations
57	Relocation and hyperdevelopment of the dentate gyrus commissural system after entorhinal lesions in immature rats. Brain Research, 1973, 50, 174-178.	1.1	106
58	Degenerative patterns in the ventral cochlear nucleus of the rat after primary deafferentation. An ultrastructural study. Brain Research, 1973, 62, 37-60.	1.1	178
59	Permanence and fate of paramembranous synaptic specializations in â€˜mutantsâ€™ and experimental animals. Brain Research, 1973, 62, 345-351.	1.1	92
60	A quantitative investigation of the development of collateral reinnervation after partial deafferentation of the septal nuclei. Brain Research, 1973, 50, 241-264.	1.1	503
61	Recovery of function: Implications for theories of brain function. Behavioral Biology, 1973, 8, 439-460.	2.3	19
62	Invertebrate synapse: Long-term maintenance of postsynaptic morphology following denervation. Experimental Neurology, 1973, 41, 649-660.	2.0	6
63	Morphological plasticity in the sympathetic chain. Experimental Neurology, 1973, 39, 181-203.	2.0	18
64	Autoradiographic studies of the commissural and ipsilateral association connections of the hippocampus and dentate gyrus. I. The commissural connections. Journal of Comparative Neurology, 1973, 149, 393-421.	0.9	302
65	REGENERATION IN THE CENTRAL NERVOUS SYSTEM. Lancet, The, 1973, 301, 1035-1037.	6.3	16
66	Two-way shuttle avoidance after simultaneous and staged lateral septal lesions in the rat. Bulletin of the Psychonomic Society, 1973, 2, 111-112.	0.2	3
67	Postlesion Axonal Growth Produces Permanent Functional Connections. Science, 1973, 180, 1364-1366.	6.0	133
68	Experience and Plasticity in the Central Nervous System. Science, 1973, 181, 506-514.	6.0	145
69	An Anatomy of Schizophrenia?. Archives of General Psychiatry, 1973, 29, 177.	13.8	676
70	Regeneration of Axons and Synaptic Complex Formation Rostral to the Site of Hemisection in the Spinal Cord of the Monkey. International Journal of Neuroscience, 1973, 5, 15-26.	0.8	60
71	EXPERIMENTAL MODEL OF REGENERATION IN THE CENTRAL NERVOUS SYSTEM. Brain, 1973, 96, 61-68.	3.7	16
72	EXPERIMENTAL MODEL OF REGENERATION IN THE CENTRAL NERVOUS SYSTEM. Brain, 1973, 96, 47-60.	3.7	26
73	Evidence that axoplasmic transport of trophic factors is involved in the regulation of peripheral nerve fields in salamanders. Journal of Physiology, 1973, 234, 449-464.	1.3	133
74	Early Lesions of Superior Colliculus: Factors Affecting the Formation of Abnormal Retinal Projections; pp. 91â€“109. Brain, Behavior and Evolution, 1973, 8, 91-109.	0.9	4

#	Article	IF	Citations
75	Synaptic Rearrangement in the Dentate Gyrus: Histochemical Evidence of Adjustments after Lesions in Immature and Adult Rats. Proceedings of the National Academy of Sciences of the United States of America, 1973, 70, 3473-3477.	3.3	151
76	Anatomical and Physiological Correlates of Plasticity in the Central Nervous System. Brain, Behavior and Evolution, 1973, 8, 5-26.	0.9	42
77	Axonal Sprouting of Ipsilateral Optic Tract Following Opposite Eye Removal. Brain, Behavior and Evolution, 1973, 8, 27-50.	0.9	92
78	Morphological Plasticity of Central Adrenergic Neurons. Brain, Behavior and Evolution, 1973, 8, 110-134.	0.9	44
79	PLASTICITY OF SYNAPSES. British Medical Bulletin, 1974, 30, 141-145.	2.7	43
80	ISOLATION OF POSTSYNAPTIC DENSITIES FROM RAT BRAIN. Journal of Cell Biology, 1974, 63, 441-455.	2.3	228
81	TROPHIC INTERACTIONS IN THE MAMMALIAN CENTRAL NERVOUS SYSTEM. Annals of the New York Academy of Sciences, 1974, 228, 406-423.	1.8	5
82	Ultrastructural features of the isolated suprasylvian gyrus in the cat. Journal of Comparative Neurology, 1974, 154, 1-27.	0.9	104
83	Axonal proliferation following lesions of cerebellar peduncles. A combined fluorescence microscopic and radioautographic study. Journal of Comparative Neurology, 1974, 155, 43-59.	0.9	86
84	Restitution of function and collateral sprouting in the cat spinal cord: The partially hemisected animal. Journal of Comparative Neurology, 1974, 158, 19-36.	0.9	432
85	Restitution of function and collateral sprouting in the cat spinal cord: The deafferented animal. Journal of Comparative Neurology, 1974, 158, 37-54.	0.9	285
86	Growth of a new fiber projection in the brain of adult rats: Re-innervation of the dentate gyrus by the contralateral entorhinal cortex following ipsilateral entorhinal lesions. Experimental Brain Research, 1974, 20, 45-66.	0.7	190
87	Spine Loss and Regrowth in Hippocampus following Deafferentation. Nature, 1974, 248, 71-73.	13.7	194
88	Sprouting of cortico-rubral synapses in red nucleus neurones after destruction of the nucleus interpositus of the cerebellum. Experientia, 1974, 30, 57-58.	1.2	63
89	Morphological changes in pyramidal cells of mammalian neocortex associated with increased use. Experimental Neurology, 1974, 44, 209-228.	2.0	80
90	Modification of drinking behavior in the adipsic rat. Experimental Neurology, 1974, 42, 483-489.	2.0	8
91	Reflex figures during asphysial rigidity. Experimental Neurology, 1974, 45, 161-173.	2.0	3
92	Alteration of neuronal synaptic complement during regeneration and axonal sprouting of rat spinal cord. Experimental Neurology, 1974, 44, 470-482.	2.0	51

#	Article	IF	Citations
93	Inductive Functions of the Nervous System. Annual Review of Physiology, 1974, 36, 251-305.	5.6	149
94	Effects of sequential lesions of suprasylvian gyri and visual cortex on pattern discrimination in the cat. Brain Research, 1974, 66, 443-466.	1.1	51
95	Recovery in visual cortical neurons following total visual deafferentation. Brain Research, 1974, 74, 105-117.	1.1	6
96	Brain histamine alterations after hypothalamic isolation. Brain Research, 1974, 78, 144-151.	1.1	19
97	Evidence for selective post-lesion axonal growth in the dentate gyrus of the rat. Brain Research, 1974, 69, 1-11.	1.1	74
98	Synaptic reorganization of the red nucleus after chronic deafferentation from cerebellorubral fibers: an electron microscope study in the cat. Brain Research, 1974, 82, 298-301.	1.1	100
99	Catecholamine systems as the neural substrate for intracranial self-stimulation: a hypothesis. Brain Research, 1974, 73, 381-419.	1.1	384
100	Choline acetyltransferase and acetylcholinesterase in fascia dentata following lesion of the entorhinal afferents. Brain Research, 1974, 80, 181-197.	1.1	127
101	Functional regeneration of 5-hydroxytryptamine nerve terminals in the rat spinal cord following 5,6-dihydroxytryptamine induced degeneration. Brain Research, 1974, 78, 377-394.	1.1	156
102	The cerci and abdominal giant fibres of the house cricket, Acheta domesticus . II. Regeneration and effects of chronic deprivation. Proceedings of the Royal Society of London Series B, Containing Papers of A Biological Character, 1974, 185, 105-121.	1.8	56
103	The Limbic System. , 1974, , .		197
104	REMYELINATION IN RELATION TO CLINICAL LESIONS OF THE CENTRAL NERVOUS SYSTEM. British Medical Bulletin, 1974, 30, 186-189.	2.7	52
105	Anorexia nervosa and the regulation of intake: a review. Psychological Medicine, 1974, 4, 289-308.	2.7	45
106	Dopamine Nerve Terminals in the Rat Limbic Cortex: Aspects of the Dopamine Hypothesis of Schizophrenia. Science, 1974, 184, 177-179.	6.0	354
107	The Generalized Convulsive Seizure State Induced by Daily Electrical Stimulation of the Amygdala in Split Brain Cats. Epilepsia, 1975, 16, 417-430.	2.6	160
108	Self-produced locomotion restores visual capacity after striate lesions. Science, 1975, 187, 265-266.	6.0	46
109	Neural stability, sparing, and behavioral recovery following brain damage.. Psychological Review, 1975, 82, 344-358.	2.7	63
110	Kindling, Unit Discharge Patterns and Neural Plasticity. Canadian Journal of Neurological Sciences, 1975, 2, 395-405.	0.3	114

#	Article	IF	Citations
111	Translaminar growth of axons in the kitten dorsal lateral geniculate nucleus following removal of one eye. Journal of Comparative Neurology, 1975, 161, 359-381.	0.9	76
112	Neuroplasticity of primary afferents in the neo-natal cat and some results of early deafferentation of the trigeminal spinal nucleus. Journal of Comparative Neurology, 1975, 163, 305-327.	0.9	55
113	Alterations of central nervous system protein synthesis in response to spinal cord hemisection. Journal of Neuroscience Research, 1975, 1, 77-82.	1.3	9
114	A quantitative electron microscopic study of atypical structures in normal human cerebral cortex. Anatomy and Embryology, 1975, 148, 303-331.	1.5	25
115	A fine structural study of degenerative-regenerative pathology in the surgically deafferentated lateral vestibular nucleus of the rat. Acta Neuropathologica, 1975, 33, 227-243.	3.9	7
116	Retinotectal mismatch: a serendipitous experimental result. Nature, 1975, 253, 445-446.	13.7	15
117	Effect of experimental cerebral infarction in rat brain on catecholamines and behaviour. Nature, 1975, 255, 332-334.	13.7	233
118	Electrophysiological study of formation of new synapses and collateral sprouting in red nucleus neurons after partial denervation. Journal of Neurophysiology, 1975, 38, 1359-1372.	0.9	163
119	Adrenal-Gonadal Function in Rats with Frontal Hypothalamic Transections. Neuroendocrinology, 1975, 18, 55-64.	1.2	6
121	The Hippocampus. , 1975, , .		117
122	Progress and Challenges in Neuroembryology. BioScience, 1975, 25, 28-36.	2.2	7
123	Effects of 6-hydroxydopamine on central noradrenaline neurons during ontogeny. Brain Research, 1975, 99, 277-291.	1.1	135
124	Time-dependent changes in commissural field potentials in the dentate gyrus following lesions of the entorhinal cortex in adult rats. Brain Research, 1975, 97, 215-233.	1.1	77
125	Sprouting of noradrenergic nerve terminals subsequent to freeze lesions of rabbit cerebral cortex. Brain Research, 1975, 83, 1-14.	1.1	30
126	An electron microscope study of the red nucleus in the cat, with special reference to the quantitative analysis of the axosomatic synapses. Brain Research, 1975, 94, 1-17.	1.1	41
127	Temporal factors in recovery of function after brain damage. Experimental Neurology, 1975, 47, 470-480.	2.0	35
128	A quantitative analysis of the response of presynaptic boutons to postsynaptic motor neuron axotomy. Experimental Neurology, 1975, 46, 605-615.	2.0	114
129	History of central nervous system regeneration research. Experimental Neurology, 1975, 48, 3-15.	2.0	76

#	Article	IF	Citations
130	Structural and functional evidence of plasticity in the central nervous system. Experimental Neurology, 1975, 48, 16-31.	2.0	62
131	Changes in behavior of hippocampal-lesioned rats across a 6-week postoperative period. Physiological Psychology, 1976, 4, 289-293.	0.8	41
132	Lesion artifact in brain stimulation experiments. Physiology and Behavior, 1976, 16, 387-389.	1.0	7
133	Physiological evidence of formation of new synapses from cerebrum in the red nucleus neurons following cross-union of forelimb nerves. Brain Research, 1976, 106, 184-188.	1.1	57
134	Changes in the distribution of the dentate gyrus associational system following unilateral or bilateral entorhinal lesions in the adult rat. Brain Research, 1976, 110, 57-71.	1.1	177
135	The growth of the dendritic trees of Purkinje cells in the cerebellum of the rat. Brain Research, 1976, 112, 1-35.	1.1	172
136	Quantitative effects of climbing fibre deafferentation on the adult Purkinje cell dendritic tree. Brain Research, 1976, 112, 133-140.	1.1	51
137	Regeneration of central cholinergic neurones in the adult rat brain. Brain Research, 1976, 102, 1-22.	1.1	77
138	A quantitative autoradiographic and electrophysiological study of the reinnervation of the dentate gyrus by the contralateral entorhinal cortex following ipsilateral entorhinal lesions. Brain Research, 1976, 114, 181-200.	1.1	147
139	Patterns of retinal projections to the lateral geniculate nucleus and superior colliculus of rats with induced unilateral congenital eye defects. Brain Research, 1976, 103, 394-399.	1.1	11
140	An electron microscopic study of lesion-induced synaptogenesis in the dentate gyrus of the adult rat. I. Magnitude and time course of degeneration. Brain Research, 1976, 115, 1-21.	1.1	449
141	An electron microscopic study of lesion-induced synaptogenesis in the dentate gyrus of the adult rat. II. Reappearance of morphologically normal synaptic contacts. Brain Research, 1976, 115, 23-41.	1.1	385
142	Chronic changes in the response of cells in adult cat dorsal horn following partial deafferentation: The appearance of responding cells in a previously nonresponsive region. Brain Research, 1976, 116, 181-204.	1.1	269
143	Electrophysiologic evidence that neither sprouting nor neuronal hyperactivity occur following long term trigeminal or cervical primary deafferentation. Experimental Neurology, 1976, 50, 427-438.	2.0	12
144	Effects of damage to the monoamine axonal constituents of the medial forebrain bundle on reactivity to foot shock and ingestive behavior in the rat. Experimental Neurology, 1976, 50, 448-464.	2.0	12
145	Functional plasticity in the respiratory pathway of the mammalian spinal cord. Experimental Neurology, 1976, 51, 414-420.	2.0	52
146	Trophic regulation of nerve sprouting. Science, 1976, 193, 371-377.	6.0	210
147	Brain stem afferents to the rat medial septum.. Journal of Physiology, 1976, 261, 617-631.	1.3	59

#	Article	IF	Citations
148	Maturation of the Mammalian Nervous System and the Ontogeny of Behavior. Advances in the Study of Behavior, 1976, 7, 1-90.	1.0	52
149	Sprouting of synapses after partial denervation of frog cardiac ganglion. Nature, 1976, 259, 317-319.	13.7	29
150	The ventral lateral geniculate nucleus, pars lateralis of the rat. Cell and Tissue Research, 1976, 170, 435-454.	1.5	32
151	An experimental study of the corticofugal system following cerebral lesions in the albino rats. Experimental Brain Research, 1976, 26, 235-47.	0.7	55
152	A long-lasting change in ocular dominance of kitten striate neurons induced by reversible unilateral blockade of tonic retinal discharges. Experimental Brain Research, 1976, 26, 487-94.	0.7	15
153	Early terminal degeneration of cerebellar climbing fibers after destruction of the inferior oliver in the rat. Synaptic relationships in the molecular layer. Anatomy and Embryology, 1976, 149, 87-112.	1.5	58
154	The plasticity of the mammalian central nervous system with special reference to new growths in response to lesions. Die Naturwissenschaften, 1976, 63, 8-15.	0.6	27
155	Neuroplasticity in the rearrangement of olfactory tract fibers after neonatal transection in hamsters. Journal of Comparative Neurology, 1976, 166, 49-72.	0.9	106
156	Increases in collateral axonal growth rostral to a thoracic hemisection in neonatal and weanling rat. Journal of Comparative Neurology, 1976, 166, 145-161.	0.9	60
157	Regeneration of retinal axons into the goldfish optic tectum. Journal of Comparative Neurology, 1976, 168, 175-195.	0.9	247
158	Lesion-Induced synaptogenesis in brain: A study of dynamic changes in neuronal membrane specializations. Journal of Supramolecular Structure, 1976, 4, 319-327.	2.3	8
163	Interpeduncular nucleus: Differential effects of habenula lesions on choline acetyltransferase and glutamic acid decarboxylase. Experimental Neurology, 1977, 57, 913-921.	2.0	33
164	The effect of deafferentation on the development of brain and spinal nuclei. Progress in Neurobiology, 1977, 8, 349-367.	2.8	27
165	Analysis of the time course of changes in hippocampal acetylcholinesterase and choline acetyltransferase activities after various septal lesions in the rat: Return of enzymic activity after extensive medioventral lesions. Neuroscience, 1977, 2, 641-648.	1.1	33
166	Behavioral correlates of denervation and reinnervation of the hippocampal formation of the rat: open field activity and cue utilization following bilateral entorhinal cortex lesions. Brain Research Bulletin, 1977, 2, 41-48.	1.4	91
167	The retinotectal projections in the pigeon. An experimental optical and electron microscope study. Neuroscience, 1977, 2, 119-140.	1.1	75
168	Persistent spatial maze-learning deficits in hippocampal-lesioned rats across a 7-week postoperative period. Physiological Psychology, 1977, 5, 409-413.	0.8	32
169	Behavioral correlates of denervation and reinnervation of the hippocampal formation of the rat: Recovery of alternation performance following unilateral entorhinal cortex lesions. Brain Research Bulletin, 1977, 2, 31-39.	1.4	237

#	Article	IF	Citations
170	Effects of hippocampal and hypothalamic afferents on neuronal activities in the rat septum. Experimental Neurology, 1977, 57, 212-230.	2.0	10
171	Dendritic growth cone and filopodia formation as a mechanism of spinal cord regeration. Experimental Neurology, 1977, 57, 419-425.	2.0	18
172	Salutary effects of early experience on deficits caused by lesions of frontal association cortex in developing rhesus monkeys. Experimental Neurology, 1977, 57, 588-602.	2.0	18
173	Demonstration of functionally ineffective synapses in the guinea pig spinal cord. Experimental Neurology, 1977, 57, 613-621.	2.0	65
174	The possibility of structural and functional restitution after spinal cord injury. A review. Experimental Neurology, 1977, 55, 1-42.	2.0	154
175	Secondary brain changes following lesions: A new paradigm for lesion experimentation. Physiology and Behavior, 1977, 18, 951-967.	1.0	143
176	A fluorescent histochemical study of changes in noradrenergic neurons following experimental cerebral infarction in the rat. Brain Research, 1977, 132, 259-272.	1.1	52
177	Synaptic rearrangement in the ventrobasal complex of the mouse following partial cortical deafferentation. Brain Research, 1977, 125, 351-355.	1.1	13
178	The origin of the afferent supply to the mediodorsal thalamic nucleus: Enhancement of HRP transport by selective lesions. Brain Research, 1977, 135, 11-23.	1.1	87
179	ALERTNESS, LEVEL OF ACTIVITY, AND PURPOSIVE MOVEMENT FOLLOWING SOMATOSENSORY DEAFFERENTATION IN MONKEYS. Annals of the New York Academy of Sciences, 1977, 290, 348-365.	1.8	35
180	Ultrastructural evidence for bouton proliferation in the partially deafferented dentate gyrus of the adult rat. Experimental Brain Research, 1977, 29-29, 475-85.	0.7	119
181	Analysis of unitary EPSPs mediated by the newly-formed cortico-rubral synapses after lesion of the nucleus interpositus of the cerebellum. Experimental Brain Research, 1977, 30-30, 233-43.	0.7	27
182	Synaptic frequency alteration on rat ventral horn neurons in the first segment proximal to spinal cord hemisection: an ultrastructural statistical study of regenerative capacity. Journal of Neurocytology, 1977, 6, 85-102.	1.6	37
183	Synaptic replacement in the dentate gyrus after unilateral entorhinal lesion: electron microscopic analysis of the extent of replacement of synapses by the remaining entorhinal cortex. Journal of Neurocytology, 1977, 6, 455-464.	1.6	45
184	Synaptogenesis in the basilar papilla of the chick. Journal of Neurocytology, 1978, 7, 283-300.	1.6	62
185	Stages of recovery from central norepinephrine lesions in enriched and impoverished environments: A behavioral and biochemical study. Experimental Brain Research, 1978, 31, 117-30.	0.7	22
186	Short-Term increase and long-term reversion of striatal cell activity after degeneration of the nigrostriatal dopamine system. Experimental Brain Research, 1978, 33, 159-71.	0.7	102
187	Systems-matching by degeneration. Experimental Brain Research, 1978, 33, 65-78.	0.7	201

#	Article	IF	Citations
188	On the development of the cerebellum of the trout,Salmo gairdneri. Anatomy and Embryology, 1978, 153, 67-83.	1.5	17
189	RAPID AXOPLASMIC TRANSPORT OF PROTEINS IN REGENERATING SENSORY NERVE FIBERS. Journal of Neurochemistry, 1978, 31, 433-447.	2.1	36
190	Lack of synaptic reorganization in inner plexiform layer (IPL) of retina following ganglion cell degeneration. Experientia, 1978, 34, 1082-1083.	1.2	3
191	Disruption and recovery of locomotor and manipulatory behavior following cortical lesions in rats. Behavioral Biology, 1978, 22, 417-455.	2.3	116
192	Histochemical evidence for a post-lesion reorganization of cholinergic afferents in the hippocampal formation of the mature cat. Journal of Comparative Neurology, 1978, 178, 697-709.	0.9	31
193	Terminal proliferation and synaptogenesis following partial deafferentation: The reinnervation of the inner molecular layer of the dentate gyrus following removal of its commissural afferents. Journal of Comparative Neurology, 1978, 180, 581-615.	0.9	108
194	Effect of neonatal deafferentation on synaptogenesis in the rat interpeduncular nucleus. Journal of Comparative Neurology, 1978, 181, 93-115.	0.9	28
195	Development of the dorsal cochlear nucleus of the cat: An electron microscopic study. American Journal of Anatomy, 1978, 153, 321-343.	0.9	15
196	An explanation of axonal regeneration in peripheral nerves and its failure in the central nervous system. Medical Hypotheses, 1978, 4, 15-26.	0.8	39
198	Olfactory, septal and amygdala lesions alone or in combination: Effects on lordosis behavior and emotionalityâ˜†. Physiology and Behavior, 1978, 20, 435-440.	1.0	41
199	Identification of the cells of origin of a central pathway which sprouts following lesions in mature rats. Brain Research, 1978, 147, 223-243.	1.1	53
200	Abnormal recrossing retinotectal projections after early lesions in Syrian hamsters: Age-related effects. Brain Research, 1978, 147, 277-295.	1.1	69
201	Effects of deafferenting cerebellar or cerebral inputs to the pontine and red nuclei in the albino rat. Brain Research, 1978, 155, 357-361.	1.1	15
202	Formation of new synaptic terminals in the somatosensory thalamus of the rat after lesions of the dorsal column nuclei. Brain Research, 1978, 155, 362-367.	1.1	31
203	Habituation-like decrements in transmission along the normal and lesion-induced temporodentate pathways in the rat. Brain Research, 1978, 151, 623-631.	1.1	23
204	Prenatal removal of frontal association cortex in the fetal rhesus monkey: Anatomical and functional consequences in postnatal life. Brain Research, 1978, 152, 451-485.	1.1	318
205	Effects of redirecting the vagosympathetic trunk into the hypothalamus. Experimental Neurology, 1978, 62, 768-786.	2.0	1
206	Neuronal plasticity in primate telencephalon: anomalous projections induced by prenatal removal of frontal cortex. Science, 1978, 202, 768-770.	6.0	97

#	Article	IF	Citations
207	Norepinephrine in chronic paranoid schizophrenia: above-normal levels in limbic forebrain. Science, 1978, 200, 456-458.	6.0	258
208	Neuroplasticity in the Hippocampal Formation. Progress in Brain Research, 1978, 48, 113-130.	0.9	20
209	Terminal arbors of axons that have formed abnormal connections. Science, 1978, 201, 635-637.	6.0	39
210	Electrophysiological analysis reinnervation of transplants in the anterior chamber of the eye by the autonomic ground plexus of the iris.. Proceedings of the National Academy of Sciences of the United States of America, 1978, 75, 1009-1012.	3.3	48
211	Formation and maintenance of synaptic connections in autonomic ganglia.. Physiological Reviews, 1978, 58, 821-862.	13.1	159
212	Intracerebral displacement of basal ganglia following septal cannulation. Cells Tissues Organs, 1978, 100, 273-281.	1.3	2
213	Neurological Plasticity, Recovery From Brain Insult, and Child Development. Advances in Child Development and Behavior, 1979, 14, 253-319.	0.7	54
214	Factors Influencing Functional Connectivity during Hippocampal Development. Progress in Brain Research, 1979, 51, 139-147.	0.9	7
215	Specificity of Synaptic Growth in Brain: Remodeling Induced by Kainic Acid Lesions. Progress in Brain Research, 1979, 51, 203-215.	0.9	36
216	Regeneration of the magnocellular system of the rhesus monkey following hypothalamic lesions. Annals of Neurology, 1979, 5, 462-469.	2.8	27
217	Terminal proliferation in the partially deafferented dentate gyrus: Time coureses for the appearance and removal of degeneration and the replacement of lost terminals. Journal of Comparative Neurology, 1979, 187, 191-198.	0.9	80
218	Stereological approach to the study of synapse morphometry with particular regard to estimating number in a volume and on a surface. Journal of Neurocytology, 1979, 8, 121-138.	1.6	122
219	Ultrastructure of the synapses of sensory neurons that mediate the gill-withdrawal reflex inAplysia. Journal of Neurocytology, 1979, 8, 415-444.	1.6	93
220	Neurotoxic destruction of the serotoninergic innervation of the rat subcommissural organ is followed by reinnervation through collateral sprouting of non-monoaminergic neurons. Journal of Neurocytology, 1979, 8, 469-480.	1.6	33
221	Effects of olfactory bulbectomy and estrogen on tyrosine hydroxylase and glutamic acid decarboxylase in the nigrostriatal and mesolimbic dopamine systems of adult female rats. Pharmacology Biochemistry and Behavior, 1979, 11, 549-552.	1.3	11
222	Is it really better to have your brain lesion early? a revision of the â€œKennard Principleâ€• Neuropsychologia, 1979, 17, 557-583.	0.7	299
223	Synaptogenic effect of estrogen on the hypothalamic arcuate nucleus of the adult female rat. Cell and Tissue Research, 1979, 198, 427-33.	1.5	88
224	Experimental study of spinal nerve repair after plexus brachialis injury in newborn rats: A horseradish peroxidase study. Experimental Neurology, 1979, 65, 301-314.	2.0	20

#	Article	IF	Citations
225	Sprouting of sympathetic nerves in the absence of afferent input. Experimental Neurology, 1979, 66, 778-783.	2.0	81
226	Anatomical changes in cat dorsal horn cells after transection of a single dorsal root. Experimental Neurology, 1979, 64, 453-468.	2.0	22
227	Effects of septal lesions and chronic estrogen treatment on dopamine, GABA and lordosis behavior in male rats. Brain Research Bulletin, 1979, 4, 85-89.	1.4	19
228	Evidence of collateral sprouting in the frog visual system. Brain Research, 1979, 168, 382-387.	1.1	8
229	Maintained activity, excitation and inhibition of lateral geniculate neurons after monocular deafferentation in the adult cat. Brain Research, 1979, 166, 259-271.	1.1	38
230	Spontaneous phagocytosis of c-type synaptic terminals by spinal Î±-motoneurons in newborn kittens. An electron microscopic study. Brain Research, 1979, 162, 189-199.	1.1	29
231	Fate of presynaptic afferents to Purkinje cells in the adult nervous mutant mouse: A model to study presynaptic stabilization. Brain Research, 1979, 175, 11-36.	1.1	94
232	Functional effects of lesion-induced plasticity: Long term potentiation in normal and lesion-induced temporodentate connections. Brain Research, 1979, 176, 65-78.	1.1	42
233	The specificity of reactive synaptogenesis: A comparative study in the adult rat hippocampal formation. Brain Research, 1979, 170, 427-441.	1.1	60
234	Brain chemistry and behaviour. Psychological Medicine, 1980, 10, 527-539.	2.7	18
235	Pallidosubthalamic projection in the Cat. Anatomy and Embryology, 1980, 159, 163-180.	1.5	13
237	Conditions for adrenergic hyperinnervation in hippocampus: I. Histochemical evidence from intraocular double grafts. Experimental Brain Research, 1980, 39, 277-88.	0.7	41
238	Lesion-induced rerouting of hippocampal mossy fibers in developing but not in adult rats. Journal of Comparative Neurology, 1980, 190, 627-650.	0.9	68
239	Denervation of non-optic brain areas along the course of the optic tract does not affect the success of optic nerve regeneration in frogs. Journal of Comparative Neurology, 1980, 190, 763-779.	0.9	19
240	Time course and pattern of optic fiber regeneration following tectal lobe removal in the goldfish. Journal of Comparative Neurology, 1980, 191, 295-314.	0.9	54
241	The organization of the lateral posterior nucleus of the golden hamster after neonatal superior colliculus lesions. Journal of Comparative Neurology, 1980, 193, 383-401.	0.9	30
242	The organization of afferents to the lateral posterior nucleus in the golden hamster after different combinations of neonatal lesions. Journal of Comparative Neurology, 1980, 193, 403-412.	0.9	32
243	Elevated Monoamine Levels in the Cerebral Hemispheres of Microencephlic Rats Treated Prenatally with Methylazoxymethanol or Cytosine Arabinoside. Journal of Neurochemistry, 1980, 34, 950-956.	2.1	56

#	Article	IF	Citations
244	The Development, Remodeling and Aging of Neuronal Circuitry. , 1980, , 637-688.		0
245	Synapse formation after injury in the adult rat brain: Failure of fimbrial axons to reinnervate the bed nucleus of the stria terminalis. Brain Research, 1980, 189, 91-101.	1.1	14
246	Extended projections induced by partial deafferentation of the medial mammillary nucleus. Brain Research, 1980, 188, 347-355.	1.1	8
247	Mechanisms of regrowth in the bulbospinal serotonin system following 5,6-dihydroxytryptamine induced axotomy. II. Fluorescence histochemical observations. Brain Research, 1980, 191, 129-160.	1.1	94
248	A functional sign of reorganization in the visual system of adult cats: Lateral geniculate neurons with displaced receptive fields after lesions of the nasal retina. Brain Research, 1980, 181, 285-300.	1.1	80
249	Effects of intraventricular injection of 6-hydroxydopamine in the developing kitten. III. Histochemical fluorescence and radioautographic studies of the noradrenaline hyperinnervation in the pons. Brain Research, 1980, 198, 285-305.	1.1	4
250	A delayed sprouting response to partial hippocampal deafferentation: Time course of sympathetic ingrowth following fimbrial lesions. Brain Research, 1980, 197, 391-399.	1.1	26
251	Recovery of substance P in the cat spinal cord after unilateral lumbosacral deafferentation. Brain Research, 1980, 191, 459-470.	1.1	119
252	Synapse regeneration and signals for directed axonal growth in the central nervous system of the leech. Developmental Biology, 1980, 80, 345-363.	0.9	42
253	Dorsal tegmental bundle destruction: Effects on operant behavior, brain catecholamine levels, and behavioral suppression produced by adrenergic agonists. Life Sciences, 1980, 27, 2621-2626.	2.0	2
254	Sprouting by tracts descending from the midbrain to the spinal cord: The result of thoracic funiculotomy in the newborn, 21-day-old, and adult rat. Experimental Neurology, 1980, 69, 458-480.	2.0	33
255	REGENERATION IN THE MAMMALIAN NERVOUS SYSTEM. Annals of the New York Academy of Sciences, 1980, 339, 102-114.	1.8	8
256	Increase in postsynaptic density material in optic target neurons of the rat suprachiasmatic nucleus after bilateral enucleation. Neuroscience Letters, 1980, 17, 27-31.	1.0	84
257	Substance P- and enkephalin-containing neurones in the rat trigeminal system. Neuroscience, 1980, 5, 803-815.	1.1	123
258	Behavioral effects of hippocampal lesions in rats with prior intraseptal injection of 6-hydroxydopamine. Physiological Psychology, 1980, 8, 33-39.	0.8	6
259	Patterns of reafferentation in rat nucleus gracilis after thoracic dorsal column lesions. Experimental Neurology, 1981, 71, 437-451.	2.0	24
260	Growth of sympathetic nerve terminals in the adult rat. Brain Research, 1981, 207, 449-452.	1.1	3
261	Spinal neurons mediate return of substance P following deafferentation of cat spinal cord. Brain Research, 1981, 230, 263-281.	1.1	94

#	Article	IF	Citations
262	Late spreding of excitation in the lateral geniculate nucleus following visual deafferentation is independent of the size of retinal lesions. Brain Research, 1981, 204, 189-193.	1.1	9
263	Evoked potential in the lateral geniculate body as modified by enucleation of one eye in the albino rat. Brain Research, 1981, 210, 91-102.	1.1	16
264	Sympathetic noradrenergic sprouting in response to central cholinergic denervation: A histochemical study of neuronal sprouting in the rat hippocampal formation. Brain Research, 1981, 210, 115-128.	1.1	119
265	The influence of normal innervation upon abnormal synaptic connections between frog parasympathetic neurons. Developmental Biology, 1981, 81, 65-73.	0.9	19
266	Forebrain catecholamine concentrations in the rat after neocortical and hippocampal lesions. Life Sciences, 1981, 29, 2603-2607.	2.0	12
267	Hippocampectomy attenuates the reduction of operant rate produced by d-amphetamine. Physiological Psychology, 1981, 9, 223-230.	0.8	6
268	Sprouting and the neuronal basis of learning. Trends in Neurosciences, 1981, 4, 234-237.	4.2	14
269	Possible morphological bases for synchronisation of neuronal firing in the rat supraoptic nucleus during lactation. Neuroscience, 1981, 6, 919-929.	1.1	173
270	Removal of retinal input fails to elicit isthmo-tectal sprouting in the frog. Neuroscience Letters, 1981, 27, 107-111.	1.0	2
271	Mouse somatosensory cortex: Alterations in the barrelfield following receptor injury at different early postnatal ages. Neuroscience, 1981, 6, 1503-1535.	1.1	190
272	Abnormal axonal growth in the dorsal lateral geniculate nucleus of the cat. Journal of Comparative Neurology, 1981, 195, 453-476.	0.9	38
273	Neuronal plasticity in the deafferented hypothalamic arcuate nucleus of adult female rats and its enhancement by treatment with estrogen. Journal of Comparative Neurology, 1981, 197, 197-205.	0.9	126
274	Sprouting in the avian brainstem auditory pathway: Dependence on dendritic integrity. Journal of Comparative Neurology, 1981, 202, 397-414.	0.9	65
275	Plasticity in the chick ventral lateral geniculate nucleus. Journal of Comparative Neurology, 1981, 203, 671-683.	0.9	11
276	Serotoninergic axon terminals in the rat dorsal accessory olive: Normal ultrastructure and light microscopic demonstration of regeneration after 5,6-dihydroxytryptamine lesioning. Journal of Neurocytology, 1981, 10, 1009-1027.	1.6	46
277	Time-dependent decrease in the extent of visual deafferentation in the lateral geniculate nucleus of adult cats with small retinal lesions. Experimental Brain Research, 1981, 41-41, 256-63.	0.7	54
278	Formation of functional synaptic connections between heterogeneous brain formations in organotypic nerve tissue culture. Neurophysiology, 1981, 12, 311-317.	0.2	1
279	Motor Nerve Sprouting. Annual Review of Neuroscience, 1981, 4, 17-42.	5.0	519

#	Article	IF	Citations
280	Synaptic Plasticity in the Mammalian Central Nervous System. Annual Review of Neuroscience, 1981, 4, 351-379.	5.0	253
281	Remodeling of multiterminal innervation by nerve terminal sprouting in an identifiable lobster motoneuron. Science, 1981, 212, 1522-1524.	6.0	42
282	Determinants of Recovery. International Rehabilitation Medicine, 1982, 4, 166-172.	0.6	4
283	Plasticite Cerebrale et Restauration Des Fonctions Nerveuses. International Journal of Psychology, 1982, 17, 157-172.	1.7	3
284	The effect of lesions in the neural crest on the formation of synaptic connexions in the embryonic chick spinal cord. Journal of Physiology, 1982, 324, 453-478.	1.3	36
285	Chapter 2 Nerve Fiber Growth and the Cellular Response to Axotomy. Current Topics in Developmental Biology, 1982, 17, 33-76.	1.0	34
286	Assessing the Functional Significance of Lesion-Induced Neuronal Plasticity. International Review of Neurobiology, 1982, 23, 197-254.	0.9	63
287	Synaptic remodelling and astrocytic hypertrophy in rat cerebral cortex from early to late adulthood. Neurobiology of Aging, 1982, 3, 179-186.	1.5	64
288	Brain plasticity: The themes and case studies of neuro-biophysics. Advances in Biophysics, 1982, 15, 131-172.	0.6	5
289	Prevention of damage in acute spinal cord injury by peptides and pharmacologic agents. Peptides, 1982, 3, 235-247.	1.2	24
290	A quantitative electron microscopic study of synaptic reorganization in the rat medial habenular nucleus after transection of the stria medullaris. Neuroscience, 1982, 7, 1905-1928.	1.1	20
291	Serial lesion effect in rat medial frontal cortex as a function of age. Neurobiology of Aging, 1982, 3, 69-76.	1.5	21
292	Source of the stimulus for nerve terminal sprouting in partially denervated muscle. Neuroscience, 1982, 7, 3173-3176.	1.1	54
293	Bilateral [14C]2-deoxyglucose uptake by motor pathways after unilateral neonatal cortex lesions in the rat. Developmental Brain Research, 1982, 6, 1-11.	2.1	14
294	Connectivity of neural transplants in adult rats: Analysis of afferents and efferents of neocortical transplants in the cerebellar hemisphere. Brain Research, 1982, 249, 31-49.	1.1	61
295	Lack of sprouting and its presence after lesions of the cat spinal cord. Brain Research, 1982, 241, 227-239.	1.1	74
296	Synaptic changes in the hypothalamic arcuate nucleus of old male rats. Experimental Neurology, 1982, 78, 583-590.	2.0	28
297	Brain Function, Synapse Renewal, and Plasticity. Annual Review of Psychology, 1982, 33, 371-401.	9.9	172

#	Article	IF	Citations
298	Synaptic Control and Modulation of Hippocampal Neurones. Advances in Biological Psychiatry, 1982, 8, 40-55.	0.2	1
299	Neural Plasticity. Physical Therapy, 1982, 62, 1442-1451.	1.1	12
300	Synaptic proliferation in the auditory cortex of the young adult rat following callosal lesions. Journal of Neurocytology, 1982, 11, 29-51.	1.6	21
301	Functional recovery following brain damage: conceptual frameworks and biological mechanisms. Scandinavian Journal of Psychology, 1982, 23, 112-120.	0.8	9
302	Spontaneous regeneration of cut axons in adult rat brain. Journal of Comparative Neurology, 1982, 210, 335-356.	0.9	59
303	A light and electron microscopic study of regrowing pyramidal tract fibers. Journal of Comparative Neurology, 1982, 211, 265-275.	0.9	202
304	Functional role of regrowing pyramidal tract fibers. Journal of Comparative Neurology, 1982, 211, 276-283.	0.9	80
305	The neuropsychology of development: Hemispheric laterality, limbic language, and the origin of thought. Journal of Clinical Psychology, 1982, 38, 4-33.	1.0	89
306	â€˜Freeâ€™ postsynaptic-like densities in normal adult brain: their occurrence, distribution, structure and association with subsurface cisterns. Journal of Neurocytology, 1982, 11, 693-706.	1.6	19
307	Functional reconnections without new axonal growth in a partially denervated visual relay nucleus. Nature, 1982, 299, 442-444.	13.7	68
308	Local regulation of compensatory noradrenergic hyperactivity in the partially denervated hippocampus. Nature, 1983, 303, 819-821.	13.7	54
309	Specificity of the newly-formed corticorubral synapses in the kitten red nucleus. Experimental Brain Research, 1983, 51, 45-56.	0.7	49
310	The process of reinnervation in the dentate gyrus of the adult rat: A quantitative electron microscopic analysis of terminal proliferation and reactive synaptogenesis. Journal of Comparative Neurology, 1983, 214, 370-386.	0.9	254
311	An examination of intraspinal sprouting in dorsal root axons with the tracer horseradish peroxidase. Journal of Comparative Neurology, 1983, 215, 187-198.	0.9	83
312	Evoked potential in the visual cortex as modified by enucleation of one eye in the albino rat. Physiological Psychology, 1983, 11, 141-146.	0.8	15
313	Brain damage and recovery: problems and perspectives. Behavioral and Neural Biology, 1983, 37, 185-222.	2.3	46
314	Reinnervation of the partially deafferented hippocampus by compensatory collateral sprouting from spared cholinergic and noradrenergic afferents. Brain Research, 1983, 268, 27-37.	1.1	273
315	Recovery of choline acetyltransferase and acetylcholinesterase activities in the ipsilateral hippocampus following unilateral, partial transection of the fimbria in rats. Brain Research, 1983, 277, 169-174.	1.1	26

#	Article	IF	Citations
316	Infant lesion effect: III. Anatomical correlates of sparing and recovery of function after spinal cord damage in newborn and adult cats. Developmental Brain Research, 1983, 9, 137-154.	2.1	105
317	Behavioral and neuronal reorganization after unilateral substantia nigra lesions: Evidence for increased interhemispheric nigrostriatal projections. Neuroscience, 1983, 9, 879-888.	1.1	107
318	Rate of synaptic replacement in denervated rat hippocampus declines precipitously from the juvenile period to adulthood. Science, 1983, 221, 572-574.	6.0	73
319	Plasticity in the central nervous system: do synapses divide?. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 3517-3521.	3.3	204
320	Effects of dorsal root section on spinocervical tract neurones in the cat. Journal of Physiology, 1983, 337, 589-608.	1.3	23
321	Alterations in polyribosomes associated with dendritic spines during the reinnervation of the dentate gyrus of the adult rat. Journal of Neuroscience, 1983, 3, 177-188.	1.7	115
322	Optic axons ignore denervated foreign territory in goldfish tectum. Journal of Comparative Neurology, 1984, 225, 372-386.	0.9	4
323	Synaptic reorganization in the lateral geniculate nucleus of the adult cat following chronic decortication. Experimental Brain Research, 1984, 54, 485-98.	0.7	21
324	Recovery of function is not associated with proliferation of retinogeniculate synapses after chronic deafferentation in the dorsal lateral geniculate nucleus of the adult cat. Neuroscience Letters, 1984, 49, 181-186.	1.0	12
325	Recovery from partial deafferentation increases 2-deoxyglucose uptake in distant spinal segments. Experimental Neurology, 1984, 84, 627-642.	2.0	5
326	Synaptic remodelling during development and maturation: Junction differentiation and splitting as a mechanism for modifying connectivity. Developmental Brain Research, 1984, 13, 125-137.	2.1	141
327	Noradrenergic hyperinnervation of the trigeminal sensory nuclei. Brain Research, 1984, 324, 211-221.	1.1	11
328	Spread of saphenous somatotopic projection map in spinal cord and hypersensitivity of the foot after chronic sciatic denervation in adult rat. Brain Research, 1984, 296, 27-39.	1.1	152
329	Recovery of enzyme markers for cholinergic terminals in septo-temporal regions of the hippocampus following selective fimbrial lesions in adult rats. Brain Research, 1984, 324, 119-128.	1.1	55
330	Induced homotypic collateral sprouting of serotonergic fibers in the hippocampus of rat. Brain Research, 1984, 308, 53-62.	1.1	69
331	Synaptic density and axonal sprouting in rat hippocampus: stability in adulthood and decline in late adulthood. Brain Research, 1984, 294, 152-156.	1.1	64
332	Cell biology of synaptic plasticity. Science, 1984, 225, 1287-1294.	6.0	264
333	Peptides from the regenerating central nervous system of goldfish stimulate glia.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 3567-3571.	3.3	23

#	Article	IF	Citations
334	Focal Signs and Brain CT Scans in Psychiatric Patients. New England Journal of Medicine, 1985, 313, 388-388.	13.9	27
335	Proliferation of thalamic afferents in cerebral cortex altered by callosal deafferentation. Journal of Neurocytology, 1985, 14, 705-716.	1.6	14
336	TRANSIENT RETINO-INFERIOR COLLICULAR FIBRES IN NEONATAL RATS: THEIR PERSISTENCE AFTER REMOVAL OF ONE EYE AT BIRTH. Neuropathology and Applied Neurobiology, 1985, 11, 265-272.	1.8	1
337	Substance P in the interpeduncular nucleus of the rat: Normal distribution and the effects of deafferentation. Journal of Comparative Neurology, 1985, 231, 78-90.	0.9	54
338	Regeneration of functional synapses between individual recognizable neurons in the lamprey spinal cord. Science, 1985, 229, 774-776.	6.0	43
339	The changing view of neural specificity. Science, 1985, 230, 507-511.	6.0	302
340	Alzheimer's Disease: Does Neuron Plasticity Predispose to Axonal Neurofibrillary Degeneration?. New England Journal of Medicine, 1985, 313, 388-389.	13.9	39
341	Neural Plasticity in Schizophrenia. Schizophrenia Bulletin, 1985, 11, 191-229.	2.3	61
343	Brain damage and neuroplasticity: Mechanisms of recovery or development?. Brain Research Reviews, 1985, 10, 177-186.	9.1	123
345	Promotion of sprouting and synaptogenesis of cerebrofugal fibers by ganglioside application in the red nucleus. Neuroscience Research, 1985, 2, 407-411.	1.0	6
346	Estrogen stimulates neuronal plasticity in the deafferented hypothalamic arcuate nucleus in aged female rats. Neuroscience Research, 1985, 2, 412-418.	1.0	47
347	The response of optic tract glia during regeneration of the goldfish visual system. I. Biosynthetic activity within different glial populations after transection of retinal ganglion cell axons. Brain Research, 1985, 339, 87-96.	1.1	28
348	Anatomical and physiological properties of the projection from the sensory cortex to the motor cortex in normal cats: the difference between corticocortical and thalamocortical projections. Brain Research, 1985, 345, 68-78.	1.1	56
349	The effect of removing area postrema on the sodium and potassium balances and consumptions in the rat. Brain Research, 1985, 359, 224-232.	1.1	27
350	MIMETIC SURGERY FOR THE PARALYZED FACE. Laryngoscope, 1985, 95, 1494???1522.	1.1	39
351	Increased dependence of superior colliculus metabolic activity on visual cortex after eye enucleation. Experimental Neurology, 1985, 90, 594-600.	2.0	20
352	On the apparent nonadhesive nature of axospinous dendritic synapses. Experimental Neurology, 1985, 89, 279-283.	2.0	3
353	Transfer of differentiated synaptic terminals from primary myotubes to new-formed muscle cells during embryonic development in the rat. Neuroscience Letters, 1986, 71, 147-152.	1.0	45

#	Article	IF	Citations
354	Retrograde cell changes in medial septum and diagonal band following fimbria-fornix transection: Quantitative temporal analysis. Neuroscience, 1986, 19, 241-255.	1.1	229
355	Thalamic control of dopaminergic functions in the caudate-putamen of the ratâ€"III. The effects of lesions in the parafascicular-intralaminar nuclei on D2 dopamine receptors and high affinity dopamine uptake. Neuroscience, 1986, 19, 991-1005.	1.1	25
356	Recovery of function in aphasia. Journal of Neurolinguistics, 1986, 2, 15-46.	0.5	10
357	Lesion-induced transneuronal plasticity in the adult rat hippocampus. Neuroscience, 1986, 19, 1227-1233.	1.1	50
358	A comparison of the effects of climbing fiber deafferentiation in adult and weanling rats. Brain Research, 1986, 383, 228-244.	1.1	8
359	Time course of the elevation of nerve growth factor (NGF) content in the hippocampus and septum following lesions of the septohippocampal pathway in rats. Brain Research, 1986, 376, 351-356.	1.1	141
360	Induced homotypic sprouting of serotonergic fibers in hippocampus. II. An immunocytochemistry study. Brain Research, 1986, 373, 337-348.	1.1	72
361	REACTIVE GLIOSIS. , 1986, , 231-262.		81
362	Replacement of synaptic terminals in lamina II and Clarke's nucleus after unilateral lumbosacral dorsal rhizotomy in adult cats. Journal of Neuroscience, 1986, 6, 3205-3217.	1.7	104
363	Trophic molecules and evolution of the nervous system.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 8249-8252.	3.3	54
364	Plasticity in the olfactory cortex: Age-dependent effects of deafferentation. Journal of Comparative Neurology, 1986, 246, 1-19.	0.9	52
365	Normal maturation involves systematic changes in binocular visual connections in Xenopus laevis. Nature, 1986, 322, 258-261.	13.7	33
366	Head Injuries in the Newborn and Infant. Principles of Pediatric Neurosurgery, 1986, , .	0.1	6
367	Denervation-induced collateral sprouting: No case for tracing methods. International Journal of Neuroscience, 1986, 29, 65-72.	0.8	5
368	Schizophrenia and the Hippocampus: The Embryological Hypothesis Extended. Schizophrenia Bulletin, 1987, 13, 577-587.	2.3	153
369	Neuroplasticity and the Developing Brain: Implications for Therapy. Pediatric Neurosurgery, 1987, 13, 176-183.	0.4	6
370	Norepinephrine in the interpeduncular nucleus of the rat: normal distribution and the effects of deafferentation. Brain Research, 1987, 418, 287-300.	1.1	15
371	Synaptic reorganization in the medial amygdaloid nucleus after lesion of the accessory olfactory bulb of adult rat. I. Quantitative and electron microscopic study of the recovery of synaptic density. Brain Research, 1987, 420, 243-252.	1.1	19

#	Article	IF	Citations
372	Synaptic reorganization in the medial amygdaloid nucleus after lesion of the accessory olfactory bulb of adult rat. II. New synapse formation in the medial amygdaloid nucleus by fibers from the bed nucleus of the stria terminalis. Brain Research, 1987, 420, 253-258.	1.1	10
373	Fetal brain transplants induce recuperation of taste aversion learning. Brain Research, 1987, 416, 147-152.	1.1	39
374	Synaptic plasticity to estrogen in the lateral septum of the adult male and female rats. Brain Research, 1987, 436, 184-188.	1.1	68
375	Synapses of the cerebellar cortex molecular layer after chronic alcohol consumption. Alcohol, 1987, 4, 109-116.	0.8	22
376	Postnatal sequential development of dopaminergic and enkephalinergic perineuronal formations in the lateral septal nucleus of the rat correlated with local neuronal maturation. Anatomy and Embryology, 1987, 176, 463-475.	1.5	32
377	Effects of fimbria-fornix transection and ganglioside treatments on histochemical staining for glucose-6-phosphate dehydrogenase in the lateral septum. Synapse, 1987, 1, 70-81.	0.6	9
378	Time course of reactive synaptogenesis in the subcortical somatosensory system. Journal of Comparative Neurology, 1987, 255, 466-475.	0.9	27
379	Structural alteration and possible growth of afferents after kainate lesion in the adult rat thalamus. Journal of Comparative Neurology, 1987, 258, 185-203.	0.9	61
380	Synaptic changes in the terminals of rod photoreceptors of albino mice after partial visual cell loss induced by brief exposure to constant light. Cell and Tissue Research, 1987, 250, 43-52.	1.5	23
381	Ultrastructural organization of normal and transplanted rat fascia dentata: II. A quantitative analysis of the synaptic organization of intracerebral and intraocular grafts. Journal of Comparative Neurology, 1988, 267, 43-54.	0.9	23
382	The process of reinnervation in the dentate gyrus of adult rats: An ultrastructural study of changes in presynaptic terminals as a result of sprouting. Journal of Comparative Neurology, 1988, 267, 203-210.	0.9	81
383	Lack of central sprouting of primary afferent fibers after ricin deafferentation. Journal of Comparative Neurology, 1988, 275, 282-287.	0.9	32
384	Human amnion membrane matrix as a substratum for axonal regeneration in the central nervous system. Experimental Brain Research, 1988, 72, 371-80.	0.7	29
385	Basal forebrain lesions facilitate adult host fiber ingrowth into neocortical transplants. Brain Research, 1988, 448, 53-66.	1.1	34
386	Astrocytes are important for sprouting in the septohippocampal circuit. Experimental Neurology, 1988, 102, 2-13.	2.0	219
387	Anomalous retrograde labeling of brain cells from the eye in the goldfish: Evidence for long distance growth of sprouted neurites. Experimental Neurology, 1988, 102, 153-166.	2.0	2
388	Effects of the unilateral striatal lesion on neurotransmitter markers in the contralateral striatum and both substantia nigrae of the rat. Neuroscience, 1988, 27, 827-836.	1.1	7
389	An immunocytochemical and biochemical study of the microtubule-associated protein MAP-2 during post-lesion dendritic remodeling in the central nervous system of adult rats. Molecular Brain Research, 1988, 3, 233-246.	2.5	57

#	Article	IF	Citations
390	Neurobiological aspects of aphasia therapy. Aphasiology, 1988, 2, 215-218.	1.4	6
391	Cerebral Activity and Behavior: Control by Central Cholinergic and Serotonergic Systems. International Review of Neurobiology, 1988, 30, 225-340.	0.9	423
392	Medial amygdaloid lesions and the regulation of sociosexual behavioral patterns across the estrous cycle in female golden hamsters.. Behavioral Neuroscience, 1988, 102, 268-275.	0.6	41
393	Neurorehabilitation: Thoughts and Speculations on Some Basic Aspects. , 1988, , 193-200.		1
394	Nonregenerative axonal growth within the mature mammalian brain: ultrastructural identification of sympathohippocampal sprouts. Journal of Neuroscience, 1988, 8, 2289-2302.	1.7	28
395	Regenerated retinal ganglion cell axons can form well-differentiated synapses in the superior colliculus of adult hamsters. Journal of Neuroscience, 1989, 9, 4042-4050.	1.7	158
396	Reorganization of Neuronal Connections Following CNS Trauma: Principles and Experimental Paradigms. Journal of Neurotrauma, 1989, 6, 99-152.	1.7	91
397	Regulation of Synaptic Molecular Architecture in a Rat Sympathetic Ganglion and Hippocampus. Journal of Cognitive Neuroscience, 1989, 1, 194-200.	1.1	5
398	Hippocampo-septal fibers terminate on identified spiny neurons in the lateral septum: A combined Golgi/electron-microscopic and degeneration study in the rat. Cell and Tissue Research, 1989, 258, 243-6.	1.5	25
399	Brain plasticity after corpus callosum transection in the newborn rat. Metabolic Brain Disease, 1989, 4, 25-31.	1.4	5
400	Organization of the septal region in the rat brain: A Golgi/EM study of lateral septal neurons. Journal of Comparative Neurology, 1989, 286, 472-487.	0.9	59
401	Ultrastructural analysis of the development and maturation of synapses and subsynaptic structures in the ectostriatum of the zebra finch. Journal of Comparative Neurology, 1989, 290, 472-486.	0.9	9
402	Morphometry of giant multipolar neurons of the brain-stem reticular formation of rats carried on board the biosatellite ?Kosmos 1667?. Bulletin of Experimental Biology and Medicine, 1989, 107, 714-717.	0.3	1
403	Review: Fine structure of synaptogenesis in the vertebrate central nervous system. Synapse, 1989, 3, 255-285.	0.6	415
404	Functional compensation afforded by grafts of foetal neurones. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1989, 13, 453-467.	2.5	6
405	Monoclonal antibody g10 against microtubule-associated protein 1x distinguishes between growing and regenerating axons. Neuroscience, 1989, 28, 49-59.	1.1	31
406	Quantitative assessment of dendritic branching and spine densities of neurons of hippocampal embryonic tissue transplanted into juvenile neocortex. Developmental Brain Research, 1989, 46, 33-45.	2.1	7
407	A physiological study of the monosynaptic reflex responses of cat spinal Î±-motoneurons after partial lumbosacral deafferentation. Brain Research, 1989, 488, 149-162.	1.1	51

#	Article	IF	Citations
408	Collateral sprouting of somatostatin-immunoreactive axons after partial deafferentation of the central nucleus of the rat amygdala. Brain Research, 1989, 492, 325-336.	1.1	12
409	Tissue sections from the mature rat brain and spinal cord as substrates for neurite outgrowth in vitro: Extensive growth on gray matter but little growth on white matter. Experimental Neurology, 1989, 104, 39-54.	2.0	89
410	Effect of retinal impulse blockage on cytochrome oxidase-rich zones in the macaque striate cortex: II. Quantitative electron-microscopic (EM) analysis of neuropil. Visual Neuroscience, 1989, 2, 499-514.	0.5	38
411	Animal Models of Parkinsonism Using Selective Neurotoxins: Clinical and Basic Implications. International Review of Neurobiology, 1989, 31, 1-79.	0.9	174
412	Chapter 26 NGF-dependent sprouting and regeneration in the hippocampus. Progress in Brain Research, 1990, 83, 357-370.	0.9	37
413	Preventing secondary brain damage after head injury: a multidisciplinary challenge. Injury, 1990, 21, 305-308.	0.7	34
414	Formation of new synapses in the cat motor cortex following lesions of the deep cerebellar nuclei. Experimental Brain Research, 1990, 80, 23-33.	0.7	52
415	Ultrastructural organization of regenerated adult dorsal root axons within transplants of fetal spinal cord. Journal of Comparative Neurology, 1990, 292, 396-411.	0.9	36
416	Axonal regrowth in the amyelinated optic nerve of the myelin-deficient rat: Ultrastructural observations and effects of ganglioside administration. Journal of Comparative Neurology, 1990, 295, 219-234.	0.9	17
417	Plasticity of dorsal root and descending serotoninergic projections after partial deafferentation of the adult rat spinal cord. Journal of Comparative Neurology, 1990, 299, 349-363.	0.9	86
418	Effects of cochlea removal on GABAergic terminals in nucleus magnocellularis of the chicken. Journal of Comparative Neurology, 1990, 301, 643-654.	0.9	10
419	Competitive interactions between neurons making axosomatic contacts in the leech. Journal of Neuroscience, 1990, 10, 3814-3822.	1.7	8
420	Central pain.. BMJ: British Medical Journal, 1990, 300, 1284-1286.	2.4	6
421	Psychiatric consequences of temporal lobectomy for intractable seizures: a 20â€“30-year follow-up of 14 cases. Psychological Medicine, 1990, 20, 529-545.	2.7	77
422	Reorganization of the corticospinal tract following neonatal unilateral cortical ablation in rats. Brain and Development, 1990, 12, 226-236.	0.6	27
423	Examining the Royal Colleges' examiners. Lancet, The, 1990, 335, 443-445.	6.3	14
424	A BRAIN TRANSPLANT THAT WORKS. Lancet, The, 1990, 335, 445-446.	6.3	3
425	Functional recovery after destruction of dopamine systems in the nucleus accumbens of rats. I. Behavioral and biochemical studies. Brain Research, 1990, 507, 92-100.	1.1	39

#	Article	IF	Citations
426	Reorganization of GABAergic synapses in the viper optic tectum following retinal deafferentation. Brain Research, 1990, 530, 96-101.	1.1	2
427	Contributions of dendritic spines and perforated synapses to synaptic plasticity. Brain Research Reviews, 1990, 15, 215-249.	9.1	270
428	The impact of intracerebral retinal transplants on types of behavior exhibited by host rats. Trends in Neurosciences, 1991, 14, 358-362.	4.2	19
429	Evolution of seizure characteristics after callosotomy. Journal of Epilepsy, 1991, 4, 149-156.	0.4	14
430	Convergent vasopressinergic and hippocampal input onto somatospiny neurons of the rat lateral septal area. Neuroscience, 1991, 40, 413-421.	1.1	40
431	Treatment of mammalian spinal cord injury with antioxidants. International Journal of Developmental Neuroscience, 1991, 9, 113-126.	0.7	7
432	Effects of locus coeruleus lesions on parkinsonian signs, striatal dopamine and substantia nigra cell loss after 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in monkeys: A possible role for the locus coeruleus in the progression of Parkinson's disease. Neuroscience, 1991, 41, 507-523.	1.1	205
433	Plasticity in innervation of the rat superior colliculus by transplanted retinae as a result of eye removal at maturity. Experimental Neurology, 1991, 112, 252-263.	2.0	8
434	Collateral sprouting of serotonergic fibers in the cingulate cortex and the septum following cortical-hippocampal lesions. Brain Research, 1991, 556, 329-332.	1.1	9
435	Evidence for a frontocortical-septal glutamatergic pathway and compensatory changes in septal glutamate uptake after cortical and fornix lesions in the rat. Brain Research, 1991, 550, 7-10.	1.1	50
436	Neuroanatomical correlates of sparing of function after neonatal medial prefrontal cortex lesions in rats. Brain Research, 1991, 568, 24-34.	1.1	31
437	Unequal competition between axons for neuronal targets. Philosophical Transactions of the Royal Society B: Biological Sciences, 1991, 331, 315-322.	1.8	4
438	Single doses of methamphetamine cause changes in the density of dendritic spines in the prefrontal cortex of gerbils (Meriones unguiculatus). Neuropharmacology, 1991, 30, 275-282.	2.0	28
439	Quantitation of synaptic density in the septal nuclei of young and aged Fischer 344 rats. Neurobiology of Aging, 1991, 12, 3-12.	1.5	58
440	Changes to synaptic ultrastructure in field CA1 of the rat hippocampus following intracerebroventricular injection of kainic acid. Neuroscience, 1991, 40, 687-699.	1.1	50
441	Fetal nondopaminergic neural implants in parkinsonian primates. Journal of Neurosurgery, 1991, 74, 97-104.	0.9	107
442	Differential response of three astrocyte-specific proteins to fimbrial transection of the rat brain: Immunohistochemical observations with antibodies against glial fibrillary acidic protein, glutamine synthetase and S-100 protein.. Acta Histochemica Et Cytochemica, 1991, 24, 11-19.	0.8	15
443	The neuropsychology of schizophrenia. Behavioral and Brain Sciences, 1991, 14, 1-20.	0.4	1,135

#	Article	IF	Citations
444	A faulty negative feedback control underlies the schizophrenic syndrome?. Behavioral and Brain Sciences, 1991, 14, 20-21.	0.4	10
445	Don't leave the â€œpsycheâ€•out of neuropsychology. Behavioral and Brain Sciences, 1991, 14, 21-21.	0.4	1
446	The limbic-striatal interaction: A seesaw rather than a tandem. Behavioral and Brain Sciences, 1991, 14, 22-22.	0.4	1
447	Motor disturbances in schizophrenia. Behavioral and Brain Sciences, 1991, 14, 22-23.	0.4	3
448	The neuropsychology of schizophrenia: A perspective from neurobehavioral genetics. Behavioral and Brain Sciences, 1991, 14, 23-24.	0.4	5
449	Heterogeneity, orienting and habituation in schizophrenia. Behavioral and Brain Sciences, 1991, 14, 24-25.	0.4	6
450	How does the physiology change with symptom exacerbation and remission in schizophrenia?. Behavioral and Brain Sciences, 1991, 14, 25-26.	0.4	5
451	Dopaminergic excess or dysregulation?. Behavioral and Brain Sciences, 1991, 14, 26-26.	0.4	0
452	A focalized deficit within an elegant system. Behavioral and Brain Sciences, 1991, 14, 27-28.	0.4	0
453	In what context is latent inhibition relevant to the symptoms of schizophrenia?. Behavioral and Brain Sciences, 1991, 14, 28-29.	0.4	13
454	Novelty value in associative learning. Behavioral and Brain Sciences, 1991, 14, 29-29.	0.4	5
455	Schizophrenia and stored memories: Left hemisphere dysfunction after all?. Behavioral and Brain Sciences, 1991, 14, 30-30.	0.4	1
456	The role of long-term memory (LTM) and monitoring in schizophrenia: Multiple functions. Behavioral and Brain Sciences, 1991, 14, 30-31.	0.4	4
457	A cardinal principle for neuropsychology, with implications for schizophrenia and mania. Behavioral and Brain Sciences, 1991, 14, 31-32.	0.4	1
458	The mechanism of positive symptoms in schizophrenia. Behavioral and Brain Sciences, 1991, 14, 33-34.	0.4	2
459	A neuropsychology of psychosis. Behavioral and Brain Sciences, 1991, 14, 34-34.	0.4	0
460	Excitatory amino acids, NMDA and sigma receptors: A role in schizophrenia?. Behavioral and Brain Sciences, 1991, 14, 34-35.	0.4	3
461	Schizophrenia and attention: In and out of context. Behavioral and Brain Sciences, 1991, 14, 35-36.	0.4	5

#	Article	IF	Citations
462	Approximations to a neuropsychological model of schizophrenia. Behavioral and Brain Sciences, 1991, 14, 36-37.	0.4	2
463	Neuropsychological vulnerability or episode factors in schizophrenia?. Behavioral and Brain Sciences, 1991, 14, 37-38.	0.4	9
464	Is another loop needed to explain schizophrenia?. Behavioral and Brain Sciences, 1991, 14, 39-40.	0.4	1
465	Why don't preschizophrenic children have delusions and hallucinations?. Behavioral and Brain Sciences, 1991, 14, 41-42.	0.4	7
466	A heuristically useful but empirically weak neuropsychological model of schizophrenia. Behavioral and Brain Sciences, 1991, 14, 42-43.	0.4	0
467	Neuro-developmental, brain imaging and psychophysiological perspectives on the neuropsychology of schizophrenia. Behavioral and Brain Sciences, 1991, 14, 43-44.	0.4	0
468	Dopamine-GABA-cholinergic interactions and negative schizophrenic symptomatology. Behavioral and Brain Sciences, 1991, 14, 46-47.	0.4	2
469	A hippocampal theory of schizophrenia. Behavioral and Brain Sciences, 1991, 14, 47-49.	0.4	12
470	A plausible theory marred by certain inconsistencies. Behavioral and Brain Sciences, 1991, 14, 49-50.	0.4	0
471	What is schizophrenia?. Behavioral and Brain Sciences, 1991, 14, 50-51.	0.4	44
472	Neuropsychology of schizophrenia: The â€œholeâ€•thing is wrong. Behavioral and Brain Sciences, 1991, 14, 51-53.	0.4	9
473	Positiwe and negatiwe symptoms, the hippocampus and P3. Behavioral and Brain Sciences, 1991, 14, 53-54.	0.4	1
474	The accumbensâ€“substantia nigra pathway, mismatch and amphetamine. Behavioral and Brain Sciences, 1991, 14, 54-55.	0.4	6
475	The neuropsychology of schizophrenia: In step but not in time. Behavioral and Brain Sciences, 1991, 14, 55-56.	0.4	1
476	Schiz bits: Misses, mysteries and hits. Behavioral and Brain Sciences, 1991, 14, 56-84.	0.4	64
477	A realistic model will be much more complex and will consider longitudinal neuropsychodevelopment. Behavioral and Brain Sciences, 1991, 14, 40-41.	0.4	30
478	What should a theory of schizophrenia be able to do?. Behavioral and Brain Sciences, 1991, 14, 44-45.	0.4	3
479	The significance of the basal ganglia for schizophrenia. Behavioral and Brain Sciences, 1991, 14, 45-46.	0.4	0

#	Article	IF	Citations
480	Bases for irrelevant information processing in schizophrenia: Room for manoeuvre. Behavioral and Brain Sciences, 1991, 14, 38-39.	0.4	9
481	Plasticity of spinal systems after unilateral lumbosacral dorsal rhizotomy in the adult rat. Journal of Comparative Neurology, 1991, 304, 555-568.	0.9	84
482	Reorganization of the area dentata serotoninergic plexus after lesions of the median raphe nucleus. Journal of Comparative Neurology, 1991, 306, 576-584.	0.9	19
483	Reinnervation of cerebellar Purkinje cells by climbing fibres surviving a subtotal lesion of the inferior olive in the adult rat. I. Development of new collateral branches and terminal plexuses. Journal of Comparative Neurology, 1991, 308, 513-535.	0.9	209
484	Transitional elements with characteristics of both growth cones and presynaptic terminals observed in cell cultures of cerebellar neurons. Journal of Neurocytology, 1991, 20, 124-132.	1.6	12
485	Age-related remodeling of glutamic-acid decarboxylase-labeled elements in deafferented piriform cortex of rats. Synapse, 1991, 8, 49-60.	0.6	3
486	Neuroplasticity following traumatic brain injury: a study of GABAergic terminal loss and recovery in the cat dorsal lateral vestibular nucleus. Experimental Brain Research, 1991, 83, 253-67.	0.7	43
487	Trends in the pathophysiology and pharmacotherapy of spasticity. Journal of Neurology, 1991, 238, 131-139.	1.8	75
488	Ultrastructural Characterization of Substance-P-Immunoreactive Synaptic Terminals in the Cat's Normal and Rhizotomized Trigeminal Subnucleus Caudalis. Somatosensory & Motor Research, 1992, 9, 131-156.	0.4	4
489	Nerve growth factor-induced synaptogenesis and hypertrophy of cortical cholinergic terminals.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 2639-2643.	3.3	153
490	Abnormal Reinnervation as a Basis for Schizophrenia: A Hypothesis. Archives of General Psychiatry, 1992, 49, 238.	13.8	129
491	Effect of androgen on the expression of gap junction and Î²-actin mRNAs in adult rat motoneurons. Neuroscience Research, 1992, 14, 133-144.	1.0	44
492	Modulation of Î³-actin and Î±1-tubulin expression by corticosterone during neuronal plasticity in the hippocampus. Molecular Brain Research, 1992, 15, 263-268.	2.5	14
493	Genotype-dependent involvement of limbic areas in spatial learning and postlesion recovery. Physiology and Behavior, 1992, 52, 505-510.	1.0	18
494	Ibotenic acid lesion of the ventral hippocampus differentially affects dopamine and its metabolites in the nucleus accumbens and prefrontal cortex in the rat. Brain Research, 1992, 585, 1-6.	1.1	208
495	Signals that induce sprouting in the central nervous system: Sprouting is delayed in a strain of mouse exhibiting delayed axonal degeneration. Experimental Neurology, 1992, 118, 340-351.	2.0	63
496	Synapse formation and preferential distribution in the granule cell layer by regenerating retinal ganglion cell axons guided to the cerebellum of adult hamsters. Journal of Neuroscience, 1992, 12, 1144-1159.	1.7	62
497	Synaptic proliferation in the motor cortex of adult cats after long-term thalamic stimulation. Journal of Neurophysiology, 1992, 68, 295-308.	0.9	95

#	Article	IF	Citations
498	Time course of dorsal root axon regeneration into transplants of fetal spinal cord: I. A light microscopic study. Journal of Comparative Neurology, 1992, 323, 198-208.	0.9	22
499	Fine structure of rat septohippocampal neurons: II. A time course analysis following axotomy. Journal of Comparative Neurology, 1992, 325, 219-242.	0.9	88
500	Changes in synaptic density after developmental compression or expansion of retinal input to the superior colliculus. Journal of Comparative Neurology, 1993, 330, 455-463.	0.9	8
501	Androgenic Regulation of Expression of ?-Tubulin Messenger Ribonucleic Acid in Motoneurons of the Spinal Nucleus of the Bulbocavernosus. Journal of Neuroendocrinology, 1993, 5, 357-362.	1.2	43
502	Neuronal plasticity induced by self-stimulation rewarding experience in rats â€" a study on alteration in dendritic branching in pyramidal neurons of hippocampus and motor cortex. Brain Research, 1993, 627, 216-224.	1.1	84
503	Domains of rehabilitation: a theoretical perspective. Behavioural Brain Research, 1993, 56, 1-10.	1.2	47
504	Serotonergic innervation of the mature and developing lateral septum of the rat: A light and electron microscopic immunocytochemical analysis. Neuroscience, 1993, 55, 209-222.	1.1	36
505	Potentiation of nerve growth factor-induced alterations in cholinergic fibre length and presynaptic terminal size in cortex of lesioned rats by the monosialoganglioside GM1. Neuroscience, 1993, 57, 21-40.	1.1	127
506	Chapter 22 The thorny problem of what dopamine does in psychiatric disease. Progress in Brain Research, 1993, 99, 341-350.	0.9	8
507	Transneuronal changes in the lesioned entorhinalâ€"hippocampal system. Hippocampus, 1993, 3, 247-256.	0.9	18
508	Basic and Clinical Studies of Pharmacologic Effects on Recovery from Brain Injury. Journal of Neural Transplantation & Plasticity, 1993, 4, 175-192.	0.7	74
509	Long-term growth and remodeling of regenerated retino-collicular connections in adult hamsters. Journal of Neuroscience, 1994, 14, 590-598.	1.7	46
510	Retinal Afferent Ingrowth to Neocortical Transplants in the Adult Rat Superior Colliculus is due to the Regeneration of Damaged Axons. Journal of Neural Transplantation & Plasticity, 1994, 5, 125-146.	0.7	1
511	Microglial and astroglial reactions to anterograde axonal degeneration: a histochemical and immunocytochemical study of the adult rat fascia dentata after entorhinal perforant path lesions. Experimental Brain Research, 1994, 98, 245-60.	0.7	118
512	Fine structure of rat septohippocampal neurons. III. Recovery of choline acetyltransferase immunoreactivity after fimbria-fornix transection. Journal of Comparative Neurology, 1994, 350, 161-170.	0.9	50
513	Cognitive stimulation of patients with dementia: Preliminary results. International Journal of Geriatric Psychiatry, 1994, 9, 211-217.	1.3	181
514	Sprouting of central noradrenergic fibers in the dentate gyrus following combined lesions of its entorhinal and septal afferents. Hippocampus, 1994, 4, 635-648.	0.9	11
515	Plasticity of innervation of the medulla of axillary lymph nodes in the rat after antigenic stimulation. The Anatomical Record, 1994, 238, 213-224.	2.3	18

#	Article	IF	Citations
516	Growth and repair after injury of the central nervous system: yesterday, today and tomorrow. Injury, 1994, 25, 571-576.	0.7	4
517	Gonadal Steroids and Neuronal Plasticity.. Annals of the New York Academy of Sciences, 1994, 743, 45-59.	1.8	28
518	Somatic gene transfer to the adult primate central nervous system:in vitroandin vivocharacterization of cells genetically modified to secrete nerve growth factor. Neurobiology of Disease, 1994, 1, 67-78.	2.1	40
519	Axonal sprouting in the hemisected adult rat spinal cord. Neuroscience, 1994, 61, 133-139.	1.1	25
520	A Spaceflight Study of Synaptic Plasticity in Adult Rat Vestibular Maculas. Acta Oto-Laryngologica, 1994, 114, 3-14.	0.3	25
521	Chapter 25 Plasticity of adult central fibre tracts. Progress in Brain Research, 1994, 100, 195-201.	0.9	6
522	Sprouting and formation of new synapses in motor structures of the central nervous system. Neurophysiology, 1995, 26, 250-263.	0.2	0
523	Monopolar cell axons in the first optic neuropil of the housefly, Musca domestica L., undergo daily fluctuations in diameter that have a circadian basis. Journal of Neuroscience, 1995, 15, 407-418.	1.7	78
524	Physiological studies of visual cortex reorganization following cortical deafferentation in neonatal cats. Canadian Journal of Physiology and Pharmacology, 1995, 73, 1378-1388.	0.7	3
525	The contribution of neuropsychology to psychiatry. American Journal of Psychiatry, 1995, 152, 6-15.	4.0	167
526	Mechanisms of Functional Recovery in Traumatic Brain Injury. Neurorehabilitation and Neural Repair, 1995, 9, 73-82.	1.4	1
527	Reciprocal trophic interactions in the adult climbing fibreâ€"Purkinje cell system. Progress in Neurobiology, 1995, 47, 341-369.	2.8	17
528	Development of corticospinal tract fibers and their plasticity II. Neonatal unilateral cortical damage and subsequent development of the corticospinal tract in mice. Brain and Development, 1996, 18, 173-178.	0.6	21
529	Responses of basal forebrain cholinergic neurons to damage in the adult brain. Progress in Neurobiology, 1996, 48, 219-254.	2.8	29
530	Connectional Specification of Regenerating Entorhinal Projection Neuron Classes Cannot Be Overridden by Altered Target Availability in Postnatal Organotypic Slice Co-culture. Experimental Neurology, 1996, 142, 151-160.	2.0	20
531	Regeneration of Cut Adult Axons Fails Even in the Presence of Continuous Aligned Glial Pathways. Experimental Neurology, 1996, 142, 203-216.	2.0	113
532	Alterations in hippocampal expression of SNAP-25, GAP-43, stannin and glial fibrillary acidic protein following mechanical and trimethyltin-induced injury in the rat. Neuroscience, 1996, 76, 187-202.	1.1	51
533	Chapter 33 Effects of trophic factors on the CNS cholinergic phenotype. Progress in Brain Research, 1996, 109, 347-358.	0.9	43

#	Article	IF	Citations
534	Transplantation of embryonic noradrenergic neurons in two models of adult rat spinal cord injury: ultrastructural immunocytochemical study. Brain Research, 1996, 707, 245-255.	1.1	16
535	Physiological adjustments in a reflex pathway following partial loss of target neurons. Brain Research, 1996, 731, 155-160.	1.1	5
536	How to count synapses unbiasedly and efficiently at the ultrastructural level: proposal for a standard sampling and counting protocol. Journal of Neurocytology, 1996, 25, 793-804.	1.6	47
537	Organization of identified fiber tracts in the rat fimbria-fornix: an anterograde tracing and electron microscopic study. Anatomy and Embryology, 1996, 193, 481-93.	1.5	14
538	AN URGE TO EXPLAIN THE INCOMPREHENSIBLE: Geoffrey Harris and the Discovery of the Neural Control of the Pituitary Gland. Annual Review of Neuroscience, 1997, 20, 533-566.	5.0	52
539	Injury-Induced Physiological Events that may Modulate Gene Expression in Neurons and Glia. Reviews in the Neurosciences, 1997, 8, 147-77.	1.4	35
540	Axonal Sprouting Following Incomplete Spinal Cord Injury: An Experimental Model. Journal of Spinal Cord Medicine, 1997, 20, 200-206.	0.7	27
541	Path and target finding of afferents in cerebellar anlagen grafted in the cerebellum of adult rats: a Phaseolus vulgaris leucoagglutinin study. Neuroscience Research, 1997, 28, 249-259.	1.0	0
542	Embryonic Tissue Induces Growth of Adult Axons from Myelinated Fiber Tracts. Experimental Neurology, 1997, 145, 471-476.	2.0	7
543	Integration of Transplanted Cultured Schwann Cells into the Long Myelinated Fiber Tracts of the Adult Spinal Cord. Experimental Neurology, 1997, 145, 397-411.	2.0	54
544	Sprouting in the hippocampus is layer-specific. Trends in Neurosciences, 1997, 20, 218-223.	4.2	109
545	Lesion-induced plasticity of central neurons: sprouting of single fibres in the rat hippocampus after unilateral entorhinal cortex lesion. Progress in Neurobiology, 1997, 53, 687-727.	2.8	150
546	Morphogenetic Plasticity of Neuronal Elements in Cerebellar Glomeruli during Deafferentation-Induced Synaptic Reorganization. Journal of Neural Transplantation & Plasticity, 1997, 6, 11-20.	0.7	11
547	Endogenous synaptogenesis in the deafferented dentate gyrus does not exclude synapse formation by embryonic entorhinal transplants. Brain Research, 1997, 751, 352-355.	1.1	3
548	Dimensions and density of dendritic spines from rat dentate granule cells based on reconstructions from serial electron micrographs. , 1997, 377, 15-28.		72
549	Genetic influences on cellular reactions to CNS injury: The reactive response of astrocytes in denervated neuropil regions in mice carrying a mutation (WldS) that causes delayed Wallerian degeneration. , 1997, 380, 70-81.		25
550	Ovarian steroidal control of connectivity in the female hippocampus: An overview of recent experimental findings and speculations on its functional consequences. , 1997, 7, 239-245.		62
551	Synaptic changes in the perineal motoneurons of aged male rats. , 1998, 400, 103-109.		18

#	Article	IF	Citations
552	Molecular mechanisms that underlie structural and functional changes atthe postsynaptic membrane duringsynaptic plasticity. Progress in Neurobiology, 1998, 55, 611-640.	2.8	91
553	Plasticity of the olivocerebellar pathway. Trends in Neurosciences, 1998, 21, 407-413.	4.2	115
554	Ultrastructural analysis of the progression of neurodegeneration in the septum following fimbriaâ€“fornix transection. Neuroscience, 1998, 86, 1259-1272.	1.1	39
555	Long-lasting structural changes in CA3 hippocampal and layer V motor cortical pyramidal neurons associated with self-stimulation rewarding experience: a quantitative Golgi study. Brain Research Bulletin, 1998, 47, 95-101.	1.4	22
556	Entorhinal Cortex Lesion in Adult Rats Induces the Expression of the Neuronal Chondroitin Sulfate Proteoglycan Neurocan in Reactive Astrocytes. Journal of Neuroscience, 1999, 19, 9953-9963.	1.7	142
557	Selective glutamate receptor antagonists can induce or prevent axonal sprouting in rat hippocampal slice cultures. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11631-11636.	3.3	78
558	Repair of the damaged brain. The Alfred Meyer Memorial Lecture 1998. Neuropathology and Applied Neurobiology, 1999, 25, 351-362.	1.8	11
559	Environmental influences on neural plasticity, the limbic system, emotional development and attachment: a review. Child Psychiatry and Human Development, 1999, 29, 189-208.	1.1	135
560	Differential regulation of the growth-associated proteins, GAP-43 and SCG-10, in response to unilateral cortical ablation in adult rats. Neuroscience, 1999, 90, 1349-1360.	1.1	39
561	Examination of factors mediating the transition to behaviorally correlated nucleus accumbens cell firing during cocaine self-administration sessions in rats. Behavioural Brain Research, 1999, 104, 127-139.	1.2	20
562	Do synaptic rearrangements underlie compensatory reflex enhancement in spinal motoneurons after partial cell loss?. Synapse, 2000, 38, 384-391.	0.6	10
563	Dopamine and synaptic plasticity in the neostriatum. Journal of Anatomy, 2000, 196, 587-596.	0.9	150
564	Comparative Views of Adult Neurogenesis. Neuroscientist, 2000, 6, 315-325.	2.6	18
565	NEUROwords 8 Plasticity and Neuroplasticity. Journal of the History of the Neurosciences, 2000, 9, 37-39.	0.1	23
566	Reorganization of the morphology of hippocampal neurites and synapses after stress-induced damage correlates with behavioral improvement. Neuroscience, 2000, 97, 253-266.	1.1	667
567	Protein synthesis in axons and terminals: significance for maintenance, plasticity and regulation of phenotype. Progress in Neurobiology, 2000, 62, 1-62.	2.8	180
568	Dissecting Embryonic Neural Tissues for Transplantation. Neuromethods, 2000, , 3-25.	0.2	20
569	Plastic response of the retrospleniocollicular connection after removal of retinal inputs in neonatal rats. Experimental Brain Research, 2001, 138, 343-351.	0.7	4

#	Article	IF	Citations
570	Androgen stimulates neuronal plasticity in the perineal motoneurons of aged male rats. Journal of Comparative Neurology, 2001, 430, 389-395.	0.9	34
571	Spontaneous corticospinal axonal plasticity and functional recovery after adult central nervous system injury. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 3513-3518.	3.3	492
572	Activity-Dependent Plasticity in the Adult Auditory Brainstem. Audiology and Neuro-Otology, 2001, 6, 319-345.	0.6	54
573	Medical Hypothesis. Archives of Neurology, 2002, 59, 301.	4.9	10
574	Chapter 31 Spontaneous and neurotrophin-induced axonal plasticity after spinal cord injury. Progress in Brain Research, 2002, 137, 415-423.	0.9	28
575	Potential Regeneration of the Ageing Brain. , 0, , 47-48.		0
576	How do transplanted olfactory ensheathing cells restore function?. Brain Research Reviews, 2002, 40, 325-327.	9.1	28
577	Santiago RamÃ³n y Cajal's concept of neuronal plasticity: the ambiguity lives on. Trends in Neurosciences, 2002, 25, 589-591.	4.2	78
578	Regulation of Structural Plasticity by Different Channel Types in Rod and Cone Photoreceptors. Journal of Neuroscience, 2002, 22, 7065-7079.	1.7	22
579	Reorganization of descending motor tracts in the rat spinal cord. European Journal of Neuroscience, 2002, 16, 1761-1771.	1.2	172
580	Fimbriaâ€Fornix Transections Selectively Downâ€Regulate Subtypes of Glutamate Transporter and Glutamate Receptor Proteins in Septum and Hippocampus. Journal of Neurochemistry, 1996, 67, 1208-1216.	2.1	51
581	Reactive synaptogenesis in aging and Alzheimer's disease: lessons learned in the Cotman laboratory. Neurochemical Research, 2003, 28, 1625-1630.	1.6	24
582	Associational sprouting in the mouse fascia dentata after entorhinal lesion in vitro. Brain Research, 2003, 978, 205-212.	1.1	18
583	Adult Neurogenesis: A Mechanism for Brain Repair?. Journal of Clinical and Experimental Neuropsychology, 2003, 25, 721-732.	0.8	36
584	Cholecystokinin expression after hippocampal deafferentiation: molecular evidence revealed by differential display-reverse transcriptionâ€“polymerase chain reaction. Neuroscience, 2003, 121, 111-121.	1.1	10
585	CNS regeneration: clinical possibility or basic science fantasy?. Journal of Clinical Neuroscience, 2003, 10, 523-534.	0.8	24
586	Making the Brain Plastic: Early Neuroanatomical Staining Techniques and the Pursuit of Structural Plasticity, 1910?1970. Journal of the History of the Neurosciences, 2003, 12, 413-435.	0.1	18
587	Presynaptic N-type Calcium Channels Regulate Synaptic Growth. Journal of Biological Chemistry, 2003, 278, 41099-41108.	1.6	81

#	Article	IF	Citations
588	A Promising Therapeutic Approach to Spinal Cord Repair. Journal of the Royal Society of Medicine, 2003, 96, 259-261.	1.1	13
589	The Septal Region. , 2004, , 605-632.		28
590	Comparative analyses of synaptic densities during reactive synaptogenesis in the rat dentate gyrus. Brain Research, 2004, 996, 19-30.	1.1	16
591	A focus on the synapse for neuroprotection in Alzheimer disease and other dementias. Neurology, 2004, 63, 1155-1162.	1.5	298
592	Is benign cough headache caused by intraocular haemodynamic aberration?. Medical Hypotheses, 2004, 62, 45-48.	0.8	10
593	Developmental Study of the Hippocampal Formation in Rhesus Monkeys (Macaca mulatta): I. Early Ablations Spare Discrimination Learning but Not Recognition Memory.. Behavioral Neuroscience, 2005, 119, 635-650.	0.6	12
595	Interaction of olfactory ensheathing cells with astrocytes may be the key to repair of tract injuries in the spinal cord: The â€˜pathway hypothesisâ€™. Journal of Neurocytology, 2005, 34, 343-351.	1.6	70
596	Genome-Wide Transcriptional Changes Associated with Enhanced Activity in the Drosophila Nervous System. Neuron, 2005, 48, 91-107.	3.8	81
597	Vascular endothelial growth factor and its receptor Flk-1 are expressed in the hippocampus following entorhinal deafferentation. Neuroscience, 2005, 134, 1167-1178.	1.1	35
598	Neural transplantation. , 0, , 269-308.		1
599	Anatomical and biochemical plasticity of neurons: regenerative growth of axons, sprouting, pruning, and denervation supersensitivity. , 0, , 5-25.		1
600	First Bite Syndrome after Dissection of Parapharyngeal Tumor. Practica Otologica, 2006, 99, 751-757.	0.0	4
601	Repair of spinal cord injury: ripples of an incoming tide, or how I spent my first 40 years in research. Spinal Cord, 2006, 44, 406-413.	0.9	7
602	A simulation model for compensatory plasticity in the prefrontal cortex inducing a cortico-cortical dysconnection in early brain development. Journal of Neural Transmission, 2006, 113, 695-710.	1.4	17
603	Olfactory ensheathing cells: ripples of an incoming tide?. Lancet Neurology, The, 2006, 5, 453-457.	4.9	35
604	NG2 upregulation in the denervated rat fascia dentata following unilateral entorhinal cortex lesion. Glia, 2006, 53, 491-500.	2.5	26
606	Lesion-Induced Axonal Sprouting in the Central Nervous System. , 2006, 557, 101-121.		32
607	EphB3: An Endogenous Mediator of Adult Axonal Plasticity and Regrowth after CNS Injury. Journal of Neuroscience, 2006, 26, 3087-3101.	1.7	82

#	Article	IF	Citations
608	Cortical sensory map rearrangement after spinal cord injury: fMRI responses linked to Nogo signalling. Brain, 2007, 130, 2951-2961.	3.7	181
609	Repair of neural pathways by olfactory ensheathing cells. Nature Reviews Neuroscience, 2007, 8, 312-319.	4.9	173
610	The spinal pathophysiology of spasticity ? from a basic science point of view. Acta Physiologica, 2007, 189, 171-180.	1.8	328
611	Improved technique for stereotactic placement of nerve grafts between two locations inside the rat brain. Journal of Neuroscience Methods, 2008, 174, 194-201.	1.3	5
612	Functional Recoveries of Giant Interneurons in the Early Period after Unilateral Cercal Ablation in the Cricket Gryllus bimaculatus. Zoological Science, 2008, 25, 931-936.	0.3	1
613	William Maxwell Cowan. 27 September 1931 â€" 30 June 2002. Biographical Memoirs of Fellows of the Royal Society, 2008, 54, 117-136.	0.1	0
614	Peripheral Nerve Regeneration: An Overview. , 2009, , 557-560.		2
615	The use of repetitive transcranial magnetic stimulation (rTMS) for the treatment of spasticity. Progress in Brain Research, 2009, 175, 429-439.	0.9	57
616	Nogo receptor 1 regulates formation of lasting memories. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20476-20481.	3.3	76
617	Inosine Alters Gene Expression and Axonal Projections in Neurons Contralateral to a Cortical Infarct and Improves Skilled Use of the Impaired Limb. Journal of Neuroscience, 2009, 29, 8187-8197.	1.7	93
618	Spinal Cord Disorders. , 0, , 585-628.		1
619	Chapter 55 Neural transplantation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2009, 95, 885-912.	1.0	11
620	Activity-dependent structural plasticity. Brain Research Reviews, 2009, 60, 287-305.	9.1	265
621	Global Gene Expression Analysis of Rodent Motor Neurons Following Spinal Cord Injury Associates Molecular Mechanisms With Development of Postinjury Spasticity. Journal of Neurophysiology, 2010, 103, 761-778.	0.9	46
622	Effects of intermittent theta burst stimulation on spasticity in patients with multiple sclerosis. European Journal of Neurology, 2010, 17, 295-300.	1.7	104
623	Extensive spontaneous plasticity of corticospinal projections after primate spinal cord injury. Nature Neuroscience, 2010, 13, 1505-1510.	7.1	346
624	Organotypic slice coâ€cultures reveal that early postnatal hippocampal axons lose the ability to grow along the fimbria, while retaining the ability to invade and arborise in septal neuropil. European Journal of Neuroscience, 2010, 31, 1352-1358.	1.2	1
625	Spasticity Mechanisms â€" for the Clinician. Frontiers in Neurology, 2010, 1, 149.	1.1	180

#	Article	IF	Citations
626	La plasticitÃ© cÃ©rÃ©brale de Cajal Ã Kandel : Cheminement d'une notion constitutive du sujet cÃ©rÃ©bral. Revue D'Histoire Des Sciences, 2011, Tome 63, 331-367.	0.3	6
627	Neural plasticity and functional recovery of human central nervous system with special reference to spinal cord injury. Spinal Cord, 2011, 49, 486-492.	0.9	20
628	A morphometric analysis of the septal nuclei in schizophrenia and affective disorders: reduced neuronal density in the lateral septal nucleus in bipolar disorder. European Archives of Psychiatry and Clinical Neuroscience, 2011, 261, 47-58.	1.8	26
629	Study of Brain Plasticity Ramps up in the 1970s: New Phenomena and New Explanations. Brain, Behavior and Evolution, 2011, 78, 130-132.	0.9	1
630	Spike-Timing Dependence of Structural Plasticity Explains Cooperative Synapse Formation in the Neocortex. PLoS Computational Biology, 2012, 8, e1002689.	1.5	42
631	Repair of central nervous system lesions by transplantation of olfactory ensheathing cells. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 109, 541-549.	1.0	22
632	Systematic Review of Neuropsychological Outcomes in Dementia from Cognition-Based Psychological Interventions. Dementia and Geriatric Cognitive Disorders, 2012, 34, 244-255.	0.7	34
633	Treatment of Disorders of Consciousness in the Veterans Health Administration Polytrauma Centers. Journal of Head Trauma Rehabilitation, 2012, 27, 244-252.	1.0	28
634	Repair involves all three surfaces of the glial cell. Progress in Brain Research, 2012, 201, 199-218.	0.9	20
635	Concepts and Methods for the Study of Axonal Regeneration in the CNS. Neuron, 2012, 74, 777-791.	3.8	269
636	Central nervous system regeneration does not occur. Spinal Cord, 2012, 50, 259-263.	0.9	50
637	Plasticity and recovery of the injured brain. , 0, , 180-191.		0
639	Re-wiring the spinal cord: Introduction to the special issue on plasticity after spinal cord injury. Experimental Neurology, 2012, 235, 1-4.	2.0	2
640	Neuroplasticity in the spinal cord. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 110, 23-42.	1.0	5
641	Disruption of the Centrifugal Visual System Inhibits Early Eye Growth in Chicks. , 2013, 54, 3632.		12
642	Foreword for neuroplasticity and neurorehabilitation. Frontiers in Human Neuroscience, 2014, 8, 544.	1.0	3
643	Astrocyte response to motor neuron injury promotes structural synaptic plasticity via STAT3-regulated TSP-1 expression. Nature Communications, 2014, 5, 4294.	5.8	131
644	Adult Neuroplasticity: More Than 40 Years of Research. Neural Plasticity, 2014, 2014, 1-10.	1.0	166

#	Article	IF	Citations
645	Developmental diseases-an introduction to the neurological human (in motion). American Ethnologist, 2015, 42, 161-174.	1.0	10
646	Neurorestorative process, law, and mechanisms. Journal of Neurorestoratology, 0, , 23.	1.1	10
647	Developmental history of neurorestoratology. Journal of Neurorestoratology, 0, , 31.	1.1	1
648	60 YEARS OF NEUROENDOCRINOLOGY: MEMOIR: Geoffrey Harris and my brush with his unit. Journal of Endocrinology, 2015, 226, T1-T11.	1.2	6
649	Synaptic rearrangement following axonal injury: Old and new players. Neuropharmacology, 2015, 96, 113-123.	2.0	32
650	Fetal Spinal Cord Transplantation after Spinal Cord Injury. , 2015, , 351-365.		5
651	Structural Plasticity, Effectual Connectivity, and Memory in Cortex. Frontiers in Neuroanatomy, 2016, 10, 63.	0.9	27
653	Astrocytic role in synapse formation after injury. Brain Research, 2016, 1645, 18-21.	1.1	2
654	Is Lesion-Induced Synaptic Rewiring Driven by Activity Homeostasis?. , 2017, , 71-92.		16
655	A Detailed Model of Homeostatic Structural Plasticity Based on Dendritic Spine and Axonal Bouton Dynamics. , 2017, , 155-176.		0
656	Impact of Structural Plasticity on Memory Formation and Decline. , 2017, , 361-386.		7
657	Neural Plasticity in Human Brain Connectivity. , 2017, , 527-546.		0
659	Spatiotemporal and Long Lasting Modulation of 11 Key Nogo Signaling Genes in Response to Strong Neuroexcitation. Frontiers in Molecular Neuroscience, 2017, 10, 94.	1.4	10
660	Cell biology of spinal cord injury and repair. Journal of Clinical Investigation, 2017, 127, 3259-3270.	3.9	381
661	Some Aspects of the Developing Brain and Nervous System. , 2018, , 535-555.		0
662	Geoffrey Raisman. 28 June 1939â€”27 January 2017. Biographical Memoirs of Fellows of the Royal Society, 2018, 65, 341-355.	0.1	0
663	Commemorating Geoffrey Raisman: a great neuroscientist and one of the founders of neurorestoratology and the IANR. Journal of Neurorestoratology, 2018, Volume 6, 29-39.	1.1	0
664	Dissecting spinal cord regeneration. Nature, 2018, 557, 343-350.	13.7	224

#	Article	IF	Citations
665	Introduction to Adult Neurogenesis. , 2019, , 97-116.		0
666	Le temps, entre psychanalyse et biologie. In Analysis, 2019, 3, 332-341.	0.2	0
667	Selective sensory deafferentation induces structural and functional brain plasticity. NeuroImage: Clinical, 2019, 21, 101633.	1.4	7
668	Ocular dominance plasticity: Molecular mechanisms revisited. Journal of Comparative Neurology, 2020, 528, 3039-3074.	0.9	6
669	Delayed Injection of a Physically Cross-Linked PNIPAAm-g-PEG Hydrogel in Rat Contused Spinal Cord Improves Functional Recovery. ACS Omega, 2020, 5, 10247-10259.	1.6	13
670	Neural mechanism of priming in visual search. Attention, Perception, and Psychophysics, 2021, 83, 587-602.	0.7	13
671	Restoring neuro-immune circuitry after brain and spinal cord injuries. International Immunology, 2021, 33, 311-325.	1.8	5
672	Abnormal Nutritive Sucking as an Indicator of Neonatal Brain Injury. Frontiers in Pediatrics, 2020, 8, 599633.	0.9	14
673	Recovery of Function After Brain Injury in Man. Novartis Foundation Symposium, 1975, , 159-190.	1.2	64
674	Signs of Plasticity and Reconnection in Spinal Cord Damage. Novartis Foundation Symposium, 1975, , 35-64.	1.2	11
675	Axonal Regeneration and Synapse Formation in the Injured CNS of Adult Mammals. , 1990, , 251-271.		8
676	Nervous System Regeneration and Repair Following Injury. , 1989, , 218-247.		3
677	The Significance of Matrix Zones for Brain Regeneration and Brain Transplantation with Special Consideration of Lower Vertebrates. Proceedings in Life Sciences, 1983, , 65-104.	0.5	16
678	Another Look at Vicariation. , 1988, , 165-179.		10
679	Neural System Imbalances and the Consequence of Large Brain Injuries. , 1988, , 15-28.		10
680	Recovery of Motor Skill Following Deprivation of Direct Sensory Input to the Motor Cortex in the Monkey. , 1986, , 187-196.		3
681	Morphological Aspects of Brain Damage in Aging. , 1984, , 57-85.		11
682	An Overview of Developments in Research on Recovery from Brain Injury. Advances in Experimental Medicine and Biology, 1992, 325, 1-22.	0.8	10

#	Article	IF	Citations
683	Plasticity of Synapse Structure and Pattern in the Cerebral Cortex. Cerebral Cortex, 1988, , 391-440.	0.6	80
684	Synapse Replacement on Cortical Neurons following Denervation. Cerebral Cortex, 1991, , 81-131.	0.6	65
686	Recovery after Brain Damage and the Concept of Localization of Function. , 1978, , 369-407.		88
687	Lesion Momentum and Behavior. , 1978, , 135-164.		64
688	Principles for the Optimization of Centrifugation Conditions for Fractionation of Brain Tissue. , 1972, , 45-93.		11
689	The Monkey and the Sea Horse. , 1986, , 241-279.		15
690	Organization and Reorganization in the Central Nervous System: Evolving Concepts of Brain Plasticity. , 1979, , 125-144.		11
691	Neuritogenesis and Regeneration in the Nervous System: An Overview of the Problem and on the Promoting Action of Gangliosides. Advances in Experimental Medicine and Biology, 1984, 174, 465-473.	0.8	4
692	The Evolution and Organization of Sentient Biological Behavior Systems. , 1972, , 37-78.		3
693	Reactive Synaptogenesis in the Adult Nervous System. , 1976, , 69-108.		64
694	The Hippocampus as a Model for Studying Anatomical Plasticity in the Adult Brain. , 1975, , 123-154.		101
695	Monoamine Neurons Innervating the Hippocampal Formation and Septum: Organization and Response to Injury. , 1975, , 215-237.		61
696	The Influence of Experience on Recovery Following Brain Damage in Rodents: Hypotheses Based on Development Research. Advances in Behavioral Biology, 1976, , 10-50.	0.2	34
697	Functional Plasticity in the Mature Visual System: Changes of the Retino-geniculate Topography After Chronic Visual Deafferentation. , 1979, , 195-203.		2
698	Camera Bulbi Anterior. , 1984, , 125-165.		36
699	A Further Investigation into the Mechanisms Underlying the Kindling Phenomenon. , 1978, , 457-493.		27
700	Anatomical Brain Changes Induced by Environment. , 1976, , 215-241.		19
701	Behavioral and Neurochemical Alterations Induced by Exogenous Gangliosides in Brain Damaged Animals: Problems and Perspectives. , 1986, , 365-380.		5

#	Article	IF	Citations
702	Brain Injury and Theories of Recovery. Critical Issues in Neuropsychology, 2000, , 9-32.	0.4	16
703	Neural Plasticity and Feminine Sexual Behavior in the Rat. , 1978, , 243-266.		9
704	Neuroanatomical Plasticity. , 1986, , 411-436.		4
705	Structural Plasticity in Adult Nervous System: An Historic Perspective. Pancreatic Islet Biology, 2014, , 5-41.	0.1	4
706	Animal Models Used in Cerebral Ischemia and Stroke Research. , 1997, , 265-294.		5
707	Estrogen Facilitation of Lordosis Behavior in the Female Rat. Experimental Brain Research Supplementum, 1981, Suppl 3, 222-237.	1.0	15
708	Electron Microscopy of Catecholamine-Containing Structures. , 1972, , 46-78.		13
709	Cellular and Synaptic Architecture of the Optic Tectum. , 1976, , 407-434.		215
711	Reorganization of Retino-Geniculate Connections After Retinal Lesions in the Adult Cat. Proceedings in Life Sciences, 1981, , 339-350.	0.5	1
712	Neuronal Plasticity in the Newborn and Adult Feline Red Nucleus. Proceedings in Life Sciences, 1981, , 64-74.	0.5	13
713	Recovery Mechanisms in the Mammalian Brain. , 1982, , 203-226.		6
714	Early Responses to Neural Injury. , 1982, , 315-339.		12
715	Transplantation of Neurons and Sheath Cells â€" A Tool for the Study of Regeneration. , 1982, , 91-105.		22
716	Synaptic Plasticity in the Red Nucleus. Experimental Brain Research Supplementum, 1984, , 333-343.	1.0	2
717	Constraints on Plasticity of Cerebellar Circuitry: Granule Cell-Purkinje Cell Synapses. Proceedings in Life Sciences, 1984, , 300-317.	0.5	2
718	Protein Synthesis Under Dendritic Spine Synapses During Lesion-Induced Synaptogenesis: Evidence for Regulation of Reinnervation by the Target Cell. Experimental Brain Research Supplementum, 1986, , 173-188.	1.0	9
719	Recovery from Biochemical and Behavioral Deficits in Adult Rats with Partial Lesions of the Fimbria. Experimental Brain Research Supplementum, 1986, , 249-257.	1.0	2
720	Synaptogenesis and Neuronal Plasticity to Gonadal Steroids: Implications for the Development of Sexual Dimorphism in the Neuroendocrine Brain. Current Topics in Neuroendocrinology, 1986, , 291-307.	0.9	17

#	Article	IF	Citations
721	Multimodal Sensory Substitution Process in Vestibular Compensation. , 1988, , 357-370.		124
722	Models of Neural Circuit Reorganization After Injury. , 1994, , 312-324.		1
723	Sexual Differentiation of the Brain. , 1981, , 109-134.		38
724	COLLATERAL REINNERVATION IN THE CENTRAL NERVOUS SYSTEM. , 1974, , 373-377.		1
725	THE NORADRENERGIC INNERVATION OF CEREBELLAR PURKINJE CELLS: LOCALIZATION, FUNCTION, SYNAPTOGENESIS, AND AXONAL SPROUTING OF LOCUS COERULEUS. , 1974, , 413-423.		4
726	EFFECTS OF VINBLASTINE ON PERIPHERAL AUTONOMIC NERVES: DEGENERATION AND FORMATION OF NEW NERVE FIBERS. , 1974, , 485-497.		3
727	NEURONAL PLASTICITY IN THE CEREBELLUM. , 1980, , 379-401.		1
728	Transmission of Pictorial Information Through the Skin. Advances in Biological and Medical Physics, 1973, 14, 285-315.	0.2	46
729	Lesion-Induced Sprouting in the Red Nucleus at the Early Developmental Stage. , 1984, , 35-47.		2
730	Plasticity of Synapses. , 1972, , 1-60.		8
731	Degeneration and Regeneration of Synapses. , 1972, , 61-104.		49
732	Brain Mechanisms and Behavior. , 1975, , 565-590.		3
733	Brain Development in Relation to Language. , 1975, , 105-119.		5
734	ANATOMICAL CORRELATES OF NEURONAL PLASTICITY. , 1986, , 83-123.		3
735	EVENTS WITHIN THE SPROUTING NEURON AND THE DENERVATED NEUROPIL DURING LESION-INDUCED SYNAPTOGENESIS. , 1982, , 33-48.		8
736	TROPHIC INFLUENCES IN THE MAMMALIAN CENTRAL NERVOUS SYSTEM. , 1973, , 89-103.		2
737	DIFFERENT PATTERNS OF RECOVERY OF MOTOR FUNCTION ASSOCIATED WITH DIFFERENT PATTERNS OF POST-LESION AXONAL GROWTH. , 1983, , 245-268.		2
738	The Placement of Experience in the Brain. , 1983, , 193-214.		1

#	Article	IF	Citations
739	Language Representation in the Brain11The preparation of this chapter was aided by NIH research grant NS 13740. , 1979, , 133-195.		4
741	Evolution of Abilities to Regenerate Neurons in Central Nervous Systems. American Naturalist, 1980, 115, 276-284.	1.0	21
742	A study of terminal degeneration in the olfactory bulb of the rat. Journal of Cell Science, 1972, 10, 585-619.	1.2	42
743	The termination of centrifugal fibres in the glomerular layer of the olfactory bulb. Journal of Cell Science, 1972, 10, 621-635.	1.2	58
744	Mechanisms of function of neural grafts in the adult mammalian brain. Journal of Experimental Biology, 1987, 132, 265-289.	0.8	89
745	Synaptic connections made by axons regenerating in the central nervous system of adult mammals. Journal of Experimental Biology, 1990, 153, 199-224.	0.8	76
746	Morphological plasticity of postsynaptic neurones in reactive synaptogenesis. Journal of Experimental Biology, 1990, 153, 251-260.	0.8	23
747	Synapse formation in the adult brain after lesions and after transplantation of embryonic tissue. Journal of Experimental Biology, 1990, 153, 277-287.	0.8	20
748	A promising therapeutic approach to spinal cord repair. Journal of the Royal Society of Medicine, 2003, 96, 259-261.	1.1	18
749	Structural Synaptic Plasticity Has High Memory Capacity and Can Explain Graded Amnesia, Catastrophic Forgetting, and the Spacing Effect. PLoS ONE, 2014, 9, e96485.	1.1	37
750	Neurogenesis in the Adult Brain. Journal of Neuroscience, 2002, 22, 612-613.	1.7	661
751	Evolution and Restoration of Structures and Functions of the Human Central Nervous Systemâ€”A Review. Translational Neuroscience and Clinics, 2015, 1, 60-70.	0.1	1
752	Some Observations on the Morphological Characteristics of Oligodendrocytes in the Mesencephalic Nucleus of the Trigeminal Nerve of the Cat as Revealed by the Reduced Silver Impregnation Method. Okajimas Folia Anatomica Japonica, 1983, 60, 147-159.	1.2	1
753	Structural plasticity of the adult brain. Dialogues in Clinical Neuroscience, 2004, 6, 135-141.	1.8	22
754	Introduction to Neural Plasticity Mechanism. Journal of Behavioral and Brain Science, 2017, 07, 41-49.	0.2	20
756	Some Aspects of the Developing Brain and Nervous System. , 2013, , 235-255.		0
757	Neural Substrates of Sensory Substitution. , 1971, , 130-142.		2
758	The Evolution and Organization of Sentient Biological Behavior Systems. , 1972, , 37-78.		0

#	Article	IF	Citations
759	BEHAVIORAL EMBRYOLOGY. , 1973, , 89-117.		2
760	GROWTH OF ADRENERGIC NEURONS IN THE ADULT MAMMALIAN NERVOUS SYSTEM. , 1974, , 379-388.		2
761	Under the Spell of Hypothalamic Feedback. , 1975, , 295-311.		0
762	Behaviour is Behaviour is Behaviour. , 1975, , 269-278.		0
764	Cortical Extensions of the Limbic System. , 1976, , 95-103.		0
765	Neuroanatomical Procedures and Terminology. , 1976, , 7-23.		0
767	Protein Synthesis by Differentiating Neuroblasts and Glioblasts in Cell Culture: A Model System for Analysis of Genetic Neurologic Disease. , 1977, , 22-27.		0
768	Protein Synthesis by Differentiating Neuroblasts and Glioblasts in Cell Culture: A Model System for Analysis of Genetic Neurologic Disease. , 1977, , 22-27.		0
769	The Role of Prefrontal Cortex in Intracranial Self-Stimulation. , 1977, , 1-24.		0
770	Sexual Differentiation of the Brain. , 1979, , 183-221.		0
771	Experience and Plasticity in the Central Nervous System. , 1979, , 111-134.		1
772	REINNERVATION OF TRANSPLANTS IN THE ANTERIOR CHAMBER OF THE EYE BY THE AUTONOMIC GROUND PLEXUS OF THE IRIS. , 1979, , 763-765.		0
774	Plasticity of Synapses. Seibutsu Butsuri, 1980, 20, 47-53.	0.0	0
775	Neuromuscular Pathophysiology in Tardive Dyskinesia. , 1980, , 365-377.		0
776	OCCURRENCE AND POSTULATED FUNCTIONS OF TRANS-SYNAPTIC STRUCTURES. , 1980, , 193-209.		0
777	Some Aspects of Development of Nervous Tissue. , 1980, , 205-237.		0
778	SYNAPTIC PLASTICITY IN THE RED NUCLEUS. , 1981, , 1-20.		12
779	Some Capacities for Structural Growth and Functional Change in the Neuronal Circuitries of the Adult Hippocampus. , 1982, , 103-116.		0

#	Article	IF	Citations
780	Synaptic plasticity as the neuronal basis of learning. Seibutsu Butsuri, 1984, 24, 188-199.	0.0	0
781	Synaptic plasticity and its possible functional role.. Seibutsu Butsuri, 1986, 26, 209-217.	0.0	0
782	Regenerative Growth of Retinofugal Axons into and through Neocortical Transplants Following Transection of the Optic Tract in Adult Rats. Proceedings in Life Sciences, 1986, , 181-227.	0.5	0
783	Regenerative Growth of Retinofugal Axons into and through Neocortical Transplants Following Transection of the Optic Tract in Adult Rats. Proceedings in Life Sciences, 1986, , 181-227.	0.5	0
784	Neuroactive Substances Influencing Regenerative Processes in the Central Nervous System: Neurobiological and Clinical Aspects. Advances in Neurosurgery, 1987, , 283-289.	0.1	0
785	Axonal Regeneration After Transection of the Commissure of the Inferior Colliculus. , 1988, , 555-563.		0
786	Nigral and Striatal Grafts to the Lesioned Neostriatum: Models of Graft Function. , 1989, , 4-20.		0
787	La rÃ©cupÃ©ration fonctionnelle en neurologie. , 1990, , 53-75.		0
788	Synaptic plasticity in the lateral septum of the adult rat brain and effect of estrogen. Juntendoì„ Igaku, 1990, 35, 516-524.	0.1	0
789	Synaptic Plasticity, Neurotrophic Factors, and Transplantation in the Aged Brain. , 1990, , 255-274.		3
790	Synaptic Plasticity, Neurotrophic Factors, and Transplantation in the Aged Brain. , 1990, , 255-274.		0
791	Axonal regeneration after transection of the commissure of the inferior colliculus.. Audiology Japan, 1990, 33, 245-250.	0.1	0
793	Central pain. , 1991, , 145-155.		0
794	Reinnervation of the Arytenoid Muscle after Unilateral Denervation. Koutou (the LARYNX JAPAN), 1992, 4, 137-141.	0.1	0
795	Neuropsychological Rehabilitation from a Theoretical Point of View. , 1992, , 3-19.		3
796	The prospects for a future repair of CNS injuries.. Nosotchu, 1992, 14, 703-706.	0.0	0
797	Toward the Repair of Cortical Synapses in Alzheimerâ€™s Disease. , 1994, , 277-283.		1
798	Central Nervous System Plasticity and Cognitive Remediation. , 1994, , 599-624.		0

#	Article	IF	Citations
799	Incorporation of Cells into Adult Fibre Tracts. , 1995, , 241-247.		0
800	Mechanisms for regeneration of central synapses and recovery of higher brain functions.. Higher Brain Function Research, 1996, 16, 113-120.	0.0	3
801	Motor Development. , 1999, , 75-106.		1
802	Evolution and restoration of structures and functions of the human central nervous system—A review. Translational Neuroscience and Clinics, 2015, 1, 60-70.	0.1	0
803	Global Action against Dementia Call for Innovations. Translational Neuroscience and Clinics, 2016, 2, 260-274.	0.1	0
804	Parkinson's disease and levodopa. A five-year follow-up and review. Western Journal of Medicine, 1974, 121, 188-206.	0.3	37
805	A study of degeneration, scar formation and regeneration after section of the optic nerve in the frog, Rana pipiens. Journal of Anatomy, 1981, 133, 213-25.	0.9	19
806	The re-innervation of olfactory glomeruli following transection of primary olfactory axons in the central or peripheral nervous system. Journal of Anatomy, 1983, 137 (Pt 1), 1-19.	0.9	9
807	Computational benefits of structural plasticity, illustrated in songbirds. Neuroscience and Biobehavioral Reviews, 2022, 132, 1183-1196.	2.9	0
808	A Century of Brain Regeneration Phenomena and Neuromorphological Research Advances, 1890sâ€“1990sâ€”Examining the Practical Implications of Theory Dynamics in Modern Biomedicine. Frontiers in Cell and Developmental Biology, 2021, 9, 787632.	1.8	1
809	The formation of the optic fibre projection after partial tectal removal in Xenopus. Development (Cambridge), 1973, 29, 397-409.	1.2	6
810	Androgens and Adult Neurogenesis in the Hippocampus. Androgens: Clinical Research and Therapeutics, 2021, 2, 203-215.	0.2	4
812	Neuromodulation and restoration of motor responses after severe spinal cord injury. , 2022, , 51-63.		2
813	ANATOMICAL CORRELATES OF NEURONAL PLASTICITY. , 1986, , 83-123.		0
814	Action, sensory stimulation and narrative imagination: applying Odin Teatretâ€™s training in the management of the recovery process of post-stroke patients. Theatre, Dance and Performance Training, 2022, 13, 266-279.	0.1	0
815	Biomimetic engineered approaches for neural tissue engineering: Spinal cord injury. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2023, 111, 701-716.	1.6	6
816	Advances in Neurorestoratologyâ€”Current status and future developments. International Review of Neurobiology, 2023, , 207-239.	0.9	2
818	Dendritic Spines in Learning and Memory: From First Discoveries to Current Insights. Advances in Neurobiology, 2023, , 311-348.	1.3	2

#	Article	IF	Citations