

# Michael Schumacher

## List of Publications by Citations

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240  
ext. papers

15,342  
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#	Paper	IF	Citations
237	Translocator protein (18 kDa) (TSPO) as a therapeutic target for neurological and psychiatric disorders. <i>Nature Reviews Drug Discovery</i> , <b>2010</b> , 9, 971-88	64.1	646
236	Progesterone synthesis and myelin formation by Schwann cells. <i>Science</i> , <b>1995</b> , 268, 1500-3	33.3	431
235	Rapid membrane effects of steroid hormones: an emerging concept in neuroendocrinology. <i>Trends in Neurosciences</i> , <b>1990</b> , 13, 359-62	13.3	273
234	Neurosteroid quantification in human brain regions: comparison between Alzheimer's and nondemented patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 5138-43	5.6	270
233	Translocator protein (18 kD) as target for anxiolytics without benzodiazepine-like side effects. <i>Science</i> , <b>2009</b> , 325, 490-3	33.3	265
232	Progesterone and its metabolites increase myelin basic protein expression in organotypic slice cultures of rat cerebellum. <i>Journal of Neurochemistry</i> , <b>2003</b> , 86, 848-59	6	237
231	Revisiting the roles of progesterone and allopregnanolone in the nervous system: resurgence of the progesterone receptors. <i>Progress in Neurobiology</i> , <b>2014</b> , 113, 6-39	10.9	236
230	Steroid hormones and neurosteroids in normal and pathological aging of the nervous system. <i>Progress in Neurobiology</i> , <b>2003</b> , 71, 3-29	10.9	235
229	Behavioral effects of progesterone associated with rapid modulation of oxytocin receptors. <i>Science</i> , <b>1990</b> , 250, 691-4	33.3	213
228	Identification and characterization of cholest-4-en-3-one, oxime (TRO19622), a novel drug candidate for amyotrophic lateral sclerosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 322, 709-20	4.7	209
227	Progesterone: therapeutic opportunities for neuroprotection and myelin repair <b>2007</b> , 116, 77-106		198
226	Testosterone-induced brain aromatase is sexually dimorphic. <i>Brain Research</i> , <b>1986</b> , 370, 285-93	3.7	184
225	Local synthesis and dual actions of progesterone in the nervous system: neuroprotection and myelination. <i>Growth Hormone and IGF Research</i> , <b>2004</b> , 14 Suppl A, S18-33	2	169
224	Sexual differences in the Japanese quail: behavior, morphology, and intracellular metabolism of testosterone. <i>General and Comparative Endocrinology</i> , <b>1983</b> , 51, 191-207	3	151
223	Progesterone stimulates the activity of the promoters of peripheral myelin protein-22 and protein zero genes in Schwann cells. <i>Journal of Neurochemistry</i> , <b>1998</b> , 71, 1765-8	6	150
222	Sexual differentiation and hormonal control of the sexually dimorphic medial preoptic nucleus in the quail. <i>Brain Research</i> , <b>1987</b> , 416, 59-68	3.7	147
221	Steroid synthesis and metabolism in the nervous system: trophic and protective effects. <i>Journal of Neurocytology</i> , <b>2000</b> , 29, 307-26		145

220	Progesterone and allopregnanolone in the central nervous system: response to injury and implication for neuroprotection. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 146, 48-61	5.1	143
219	Neuroanatomical distribution of testosterone-metabolizing enzymes in the Japanese quail. <i>Brain Research</i> , <b>1987</b> , 422, 137-48	3.7	142
218	Wnt/beta-catenin signaling is an essential and direct driver of myelin gene expression and myelinogenesis. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 3729-42	6.6	141
217	Novel perspectives for progesterone in hormone replacement therapy, with special reference to the nervous system. <i>Endocrine Reviews</i> , <b>2007</b> , 28, 387-439	27.2	138
216	Progesterone synthesis in the nervous system: implications for myelination and myelin repair. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 10	5.1	132
215	Validation of an analytical procedure to measure trace amounts of neurosteroids in brain tissue by gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , <b>2000</b> , 739, 301-12		132
214	Progesterone increases oligodendroglial cell proliferation in rat cerebellar slice cultures. <i>Neuroscience</i> , <b>2005</b> , 135, 47-58	3.9	129
213	The effects of testosterone and its metabolites on sexual behavior and morphology in male and female Japanese quail. <i>Physiology and Behavior</i> , <b>1983</b> , 30, 335-9	3.5	128
212	Progesterone neuroprotection in traumatic CNS injury and motoneuron degeneration. <i>Frontiers in Neuroendocrinology</i> , <b>2009</b> , 30, 173-87	8.9	123
211	Steroid hormones as mediators of neural plasticity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1991</b> , 39, 223-32	5.1	114
210	The anxiolytic etifoxine activates the peripheral benzodiazepine receptor and increases the neurosteroid levels in rat brain. <i>Pharmacology Biochemistry and Behavior</i> , <b>2005</b> , 82, 712-20	3.9	112
209	Steroid profiling in brain and plasma of male and pseudopregnant female rats after traumatic brain injury: analysis by gas chromatography/mass spectrometry. <i>Endocrinology</i> , <b>2007</b> , 148, 2505-17	4.8	110
208	Progesterone up-regulates neuronal brain-derived neurotrophic factor expression in the injured spinal cord. <i>Neuroscience</i> , <b>2004</b> , 125, 605-14	3.9	110
207	Etifoxine improves peripheral nerve regeneration and functional recovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 20505-10	11.5	109
206	SSR180575 (7-chloro-N,N,5-trimethyl-4-oxo-3-phenyl-3,5-dihydro-4H-pyridazino[4,5-b]indole-1-acetamide), a peripheral benzodiazepine receptor ligand, promotes neuronal survival and repair. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 301, 1067-78	4.7	109
205	Demonstration of progesterone receptors in rat Schwann cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1996</b> , 58, 77-82	5.1	108
204	Progesterone neuroprotection in the Wobbler mouse, a genetic model of spinal cord motor neuron disease. <i>Neurobiology of Disease</i> , <b>2002</b> , 11, 457-68	7.5	107
203	Prolonged intracerebroventricular infusion of neurosteroids affects cognitive performances in the mouse. <i>Brain Research</i> , <b>2000</b> , 858, 371-9	3.7	107

202	Progesterone synthesis and myelin formation in peripheral nerves. <i>Brain Research Reviews</i> , <b>2001</b> , 37, 343-59		107
201	The neural androgen receptor: a therapeutic target for myelin repair in chronic demyelination. <i>Brain</i> , <b>2013</b> , 136, 132-46	11.2	104
200	Progesterone receptors: a key for neuroprotection in experimental stroke. <i>Endocrinology</i> , <b>2012</b> , 153, 3747-57	4.8	103
199	Effects of injury and progesterone treatment on progesterone receptor and progesterone binding protein 25-Dx expression in the rat spinal cord. <i>Journal of Neurochemistry</i> , <b>2003</b> , 87, 902-13	6	103
198	Regulation of the expression of peripheral benzodiazepine receptors and their endogenous ligands during rat sciatic nerve degeneration and regeneration: a role for PBR in neurosteroidogenesis. <i>Brain Research</i> , <b>1999</b> , 815, 70-80	3.7	101
197	Systemic progesterone administration results in a partial reversal of the age-associated decline in CNS remyelination following toxin-induced demyelination in male rats. <i>Neuropathology and Applied Neurobiology</i> , <b>2004</b> , 30, 80-9	5.2	99
196	Distribution of membrane progesterone receptor alpha in the male mouse and rat brain and its regulation after traumatic brain injury. <i>Neuroscience</i> , <b>2013</b> , 231, 111-24	3.9	97
195	A role for FKBP52 in Tau protein function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 2658-63	11.5	96
194	Effects of progesterone on oligodendrocyte progenitors, oligodendrocyte transcription factors, and myelin proteins following spinal cord injury. <i>Glia</i> , <b>2009</b> , 57, 884-97	9	93
193	What evidence is there for the existence of individual genes with antagonistic pleiotropic effects?. <i>Mechanisms of Ageing and Development</i> , <b>2005</b> , 126, 421-9	5.6	93
192	The Prevention of Post-Partum Relapses with Progestin and Estradiol in Multiple Sclerosis (POPARTMUS) trial: rationale, objectives and state of advancement. <i>Journal of the Neurological Sciences</i> , <b>2009</b> , 286, 114-8	3.2	92
191	Regulation of high-affinity GABAA receptors in the dorsal hippocampus by estradiol and progesterone. <i>Brain Research</i> , <b>1989</b> , 487, 178-83	3.7	92
190	Development and regeneration of the nervous system: a role for neurosteroids. <i>Developmental Neuroscience</i> , <b>1996</b> , 18, 6-21	2.2	91
189	Novel lipoidal derivatives of pregnenolone and dehydroepiandrosterone and absence of their sulfated counterparts in rodent brain. <i>Journal of Lipid Research</i> , <b>2004</b> , 45, 2287-302	6.3	91
188	Regulation of high-affinity GABAa receptors in specific brain regions by ovarian hormones. <i>Neuroendocrinology</i> , <b>1989</b> , 50, 315-20	5.6	91
187	Localized actions of progesterone in hypothalamus involve oxytocin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1989</b> , 86, 6798-801	11.5	91
186	Progesterone and the oligodendroglial lineage: stage-dependent biosynthesis and metabolism. <i>Glia</i> , <b>2001</b> , 36, 295-308	9	89
185	Progesterone as a neuroactive neurosteroid, with special reference to the effect of progesterone on myelination. <i>Steroids</i> , <b>2000</b> , 65, 605-12	2.8	89

184	Progesterone and Nestorone facilitate axon remyelination: a role for progesterone receptors. <i>Endocrinology</i> , <b>2011</b> , 152, 3820-31	4.8	88
183	Progesterone neuroprotection in spinal cord trauma involves up-regulation of brain-derived neurotrophic factor in motoneurons. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2005</b> , 94, 143-9	5.1	88
182	The membrane-associated progesterone-binding protein 25-Dx is expressed in brain regions involved in water homeostasis and is up-regulated after traumatic brain injury. <i>Journal of Neurochemistry</i> , <b>2005</b> , 93, 1314-26	6	87
181	Pregnenolone sulfate in the brain: a controversial neurosteroid. <i>Neurochemistry International</i> , <b>2008</b> , 52, 522-40	4.4	86
180	Actions of steroid hormones- and growth factors on glial cells of the central and peripheral nervous system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1994</b> , 48, 145-54	5.1	86
179	In vitro metabolism of dehydroepiandrosterone (DHEA) to 7alpha-hydroxy-DHEA and Delta5-androstene-3beta,17beta-diol in specific regions of the aging brain from AlzheimerB and non-demented patients. <i>Brain Research</i> , <b>2003</b> , 969, 117-25	3.7	85
178	Cellular basis for progesterone neuroprotection in the injured spinal cord. <i>Journal of Neurotrauma</i> , <b>2002</b> , 19, 343-55	5.4	85
177	Injury elicited increase in spinal cord neurosteroid content analyzed by gas chromatography mass spectrometry. <i>Endocrinology</i> , <b>2006</b> , 147, 1847-59	4.8	84
176	From Pregnancy to Preeclampsia: A Key Role for Estrogens. <i>Endocrine Reviews</i> , <b>2017</b> , 38, 123-144	27.2	83
175	The postnatal demasculinization of sexual behavior in the Japanese quail ( <i>Coturnix coturnix japonica</i> ). <i>Hormones and Behavior</i> , <b>1984</b> , 18, 298-312	3.7	82
174	Progesterone attenuates astro- and microgliosis and enhances oligodendrocyte differentiation following spinal cord injury. <i>Experimental Neurology</i> , <b>2011</b> , 231, 135-46	5.7	81
173	Insulin-like growth factor I: a mitogen for rat Schwann cells in the presence of elevated levels of cyclic AMP. <i>Glia</i> , <b>1993</b> , 8, 232-40	9	81
172	Progesterone and progestins: neuroprotection and myelin repair. <i>Current Opinion in Pharmacology</i> , <b>2008</b> , 8, 740-6	5.1	79
171	Estrogen-regulated synaptogenesis in the hippocampus: sexual dimorphism in vivo but not in vitro. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2012</b> , 131, 24-9	5.1	78
170	Progesterone treatment of spinal cord injury: Effects on receptors, neurotrophins, and myelination. <i>Journal of Molecular Neuroscience</i> , <b>2006</b> , 28, 3-15	3.3	77
169	Membrane progesterone receptors localization in the mouse spinal cord. <i>Neuroscience</i> , <b>2010</b> , 166, 94-106	5.9	76
168	Lithium enhances remyelination of peripheral nerves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3973-8	11.5	76
167	Effect of Sex Differences on Brain Mitochondrial Function and Its Suppression by Ovariectomy and in Aged Mice. <i>Endocrinology</i> , <b>2015</b> , 156, 2893-904	4.8	75

166	Interplay between LXR and Wnt/ $\beta$ -catenin signaling in the negative regulation of peripheral myelin genes by oxysterols. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 9620-9	6.6	75
165	The membrane-associated progesterone-binding protein 25-Dx: expression, cellular localization and up-regulation after brain and spinal cord injuries. <i>Brain Research Reviews</i> , <b>2008</b> , 57, 493-505		74
164	Steroids and the reversal of age-associated changes in myelination and remyelination. <i>Progress in Neurobiology</i> , <b>2003</b> , 71, 49-56	10.9	74
163	Regulation by dopaminergic neurotransmission of dopamine D2 mRNA and receptor levels in the striatum and nucleus accumbens of the rat. <i>Molecular Brain Research</i> , <b>1991</b> , 11, 161-6		74
162	Interaction of androgens and estrogens in the control of sexual behavior in male Japanese quail. <i>Physiology and Behavior</i> , <b>1985</b> , 35, 157-66	3.5	71
161	Progesterone and nestorone promote myelin regeneration in chronic demyelinating lesions of corpus callosum and cerebral cortex. <i>Glia</i> , <b>2015</b> , 63, 104-17	9	70
160	Mifepristone (RU486) protects Purkinje cells from cell death in organotypic slice cultures of postnatal rat and mouse cerebellum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 7953-8	11.5	70
159	Basis of progesterone protection in spinal cord neurodegeneration. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2002</b> , 83, 199-209	5.1	69
158	Progesterone as a neurosteroid: actions within the nervous system. <i>Cellular and Molecular Neurobiology</i> , <b>1996</b> , 16, 143-54	4.6	69
157	Progesterone increases the expression of myelin basic protein and the number of cells showing NG2 immunostaining in the lesioned spinal cord. <i>Journal of Neurotrauma</i> , <b>2006</b> , 23, 181-92	5.4	66
156	Steroid profiling in preeclamptic women: evidence for aromatase deficiency. <i>American Journal of Obstetrics and Gynecology</i> , <b>2010</b> , 203, 477.e1-9	6.4	65
155	Neurosteroids: expression of functional 3 $\beta$ -hydroxysteroid dehydrogenase by rat sensory neurons and Schwann cells. <i>European Journal of Neuroscience</i> , <b>1997</b> , 9, 2236-47	3.5	64
154	Progesterone as a neurosteroid: synthesis and actions in rat glial cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1999</b> , 69, 97-107	5.1	64
153	Genomic and membrane actions of progesterone: implications for reproductive physiology and behavior. <i>Behavioural Brain Research</i> , <b>1999</b> , 105, 37-52	3.4	64
152	Steroid and barbiturate modulation of the GABA $\alpha$ receptor. Possible mechanisms. <i>Molecular Neurobiology</i> , <b>1989</b> , 3, 275-304	6.2	64
151	Unexpected central role of the androgen receptor in the spontaneous regeneration of myelin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14829-14834	11.5	62
150	3 $\alpha$ ,5 $\alpha$ -Tetrahydroprogesterone (allopregnanolone) and gamma-aminobutyric acid: autocrine/paracrine interactions in the control of neonatal PSA-NCAM+ progenitor proliferation. <i>Journal of Neuroscience Research</i> , <b>2004</b> , 78, 770-83	4.4	61
149	Immunocytochemical evidence for a progesterone receptor in neurons and glial cells of the rat spinal cord. <i>Neuroscience Letters</i> , <b>2000</b> , 288, 29-32	3.3	61

148	Changes in serum concentrations of steroids during embryonic and post-hatching development of male and female Japanese quail ( <i>Coturnix coturnix japonica</i> ). <i>Journal of Endocrinology</i> , <b>1988</b> , 118, 127-34	4.7	60
147	Liver X receptors alpha and beta promote myelination and remyelination in the cerebellum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7587-92	11.5	59
146	Axonal regeneration and neuroinflammation: roles for the translocator protein 18 kDa. <i>Journal of Neuroendocrinology</i> , <b>2012</b> , 24, 71-81	3.8	59
145	Stimulation of rat Schwann cell proliferation by estradiol: synergism between the estrogen and cAMP. <i>Developmental Brain Research</i> , <b>1993</b> , 72, 282-90		59
144	Progesterone modulates brain-derived neurotrophic factor and choline acetyltransferase in degenerating Wobbler motoneurons. <i>Experimental Neurology</i> , <b>2007</b> , 203, 406-14	5.7	58
143	Partial characterization of testosterone-metabolizing enzymes in the quail brain. <i>Brain Research</i> , <b>1984</b> , 305, 51-9	3.7	58
142	Translocator protein (18 kDa) as a target for novel anxiolytics with a favourable side-effect profile. <i>Journal of Neuroendocrinology</i> , <b>2012</b> , 24, 82-92	3.8	57
141	Sex differences and steroid control of testosterone-metabolizing enzyme activity in the quail brain. <i>Journal of Neuroendocrinology</i> , <b>1990</b> , 2, 675-83	3.8	57
140	Progesterone neuroprotection: The background of clinical trial failure. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2016</b> , 160, 53-66	5.1	55
139	Females remyelinate more efficiently than males following demyelination in the aged but not young adult CNS. <i>Experimental Neurology</i> , <b>2006</b> , 202, 250-4	5.7	55
138	Progesterone stimulates Krox-20 gene expression in Schwann cells. <i>Molecular Brain Research</i> , <b>2001</b> , 90, 75-82		55
137	Sexual differentiation in quail: critical period and hormonal specificity. <i>Hormones and Behavior</i> , <b>1989</b> , 23, 130-49	3.7	55
136	Role of Sex Hormones on Brain Mitochondrial Function, with Special Reference to Aging and Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 406	5.3	54
135	25-hydroxycholesterol provokes oligodendrocyte cell line apoptosis and stimulates the secreted phospholipase A2 type IIA via LXR beta and PXR. <i>Journal of Neurochemistry</i> , <b>2009</b> , 109, 945-58	6	54
134	Developmental expression of genes involved in neurosteroidogenesis: 3beta-hydroxysteroid dehydrogenase/delta5-delta4 isomerase in the rat brain. <i>Endocrinology</i> , <b>2003</b> , 144, 2902-11	4.8	53
133	Normal spermatogenesis in a man with mutant luteinizing hormone. <i>New England Journal of Medicine</i> , <b>2009</b> , 361, 1856-63	59.2	52
132	3 Beta-hydroxysteroid dehydrogenase expression in rat spinal cord. <i>Neuroscience</i> , <b>2002</b> , 113, 883-91	3.9	52
131	The neurosteroid progesterone increases the expression of myelin proteins (MBP and CNPase) in rat oligodendrocytes in primary culture. <i>Cellular and Molecular Neurobiology</i> , <b>1996</b> , 16, 439-43	4.6	52

130	Synthesis of progesterone in Schwann cells: regulation by sensory neurons. <i>European Journal of Neuroscience</i> , <b>2001</b> , 13, 916-24	3.5	51
129	Glucocorticosteroids stimulate the activity of the promoters of peripheral myelin protein-22 and protein zero genes in Schwann cells. <i>Brain Research</i> , <b>2000</b> , 865, 12-6	3.7	51
128	Pregnenolone sulfate enhances long-term potentiation in CA1 in rat hippocampus slices through the modulation of N-methyl-D-aspartate receptors. <i>Journal of Neuroscience Research</i> , <b>2004</b> , 78, 691-701	4.4	49
127	Estradiol contributes to the postnatal demasculinization of female Japanese quail ( <i>Coturnix coturnix japonica</i> ). <i>Hormones and Behavior</i> , <b>1984</b> , 18, 287-97	3.7	48
126	The oxytocin receptor: a target for steroid hormones. <i>Regulatory Peptides</i> , <b>1993</b> , 45, 115-9		46
125	Increase in striatal dopamine D2 receptor mRNA after lesions of haloperidol treatment. <i>European Journal of Pharmacology</i> , <b>1990</b> , 186, 369-71	5.3	44
124	Thyroid hormone deiodinases in the central and peripheral nervous system. <i>Thyroid</i> , <b>2005</b> , 15, 931-42	6.2	42
123	Control of cell survival and proliferation of postnatal PSA-NCAM(+) progenitors. <i>Molecular and Cellular Neurosciences</i> , <b>2003</b> , 22, 162-78	4.8	42
122	Modulation of NADPH-diaphorase and glial fibrillary acidic protein by progesterone in astrocytes from normal and injured rat spinal cord. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2000</b> , 73, 159-69	5.1	42
121	Testosterone induces hypothalamic aromatase during early development in quail. <i>Brain Research</i> , <b>1986</b> , 377, 63-72	3.7	42
120	Relative potencies of testosterone and 5 alpha-dihydrotestosterone on crowing and cloacal gland growth in the Japanese quail ( <i>Coturnix coturnix japonica</i> ). <i>Journal of Endocrinology</i> , <b>1984</b> , 100, 19-23	4.7	40
119	Early activation of transcription factor expression in Schwann cells by progesterone. <i>Molecular Brain Research</i> , <b>2001</b> , 97, 137-48		39
118	Steroid regulation and sex differences in [(3) h]muscimol binding in hippocampus, hypothalamus and midbrain in rats. <i>Journal of Neuroendocrinology</i> , <b>1992</b> , 4, 393-9	3.8	39
117	Progesterone protective effects in neurodegeneration and neuroinflammation. <i>Journal of Neuroendocrinology</i> , <b>2013</b> , 25, 1095-103	3.8	38
116	Differential recruitment of p160 coactivators by glucocorticoid receptor between Schwann cells and astrocytes. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 254-67		38
115	Progesterone restores retrograde labeling of cervical motoneurons in Wobbler mouse motoneuron disease. <i>Experimental Neurology</i> , <b>2005</b> , 195, 518-23	5.7	38
114	Selective recruitment of p160 coactivators on glucocorticoid-regulated promoters in Schwann cells. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 2866-79		38
113	Immunophilins, Refsum disease, and lupus nephritis: the peroxisomal enzyme phytanoyl-CoA alpha-hydroxylase is a new FKBP-associated protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 2104-9	11.5	38



112	A Role of Endogenous Progesterone in Stroke Cerebroprotection Revealed by the Neural-Specific Deletion of Its Intracellular Receptors. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 10998-11020	6.6	37
111	Analysis of pregnenolone and dehydroepiandrosterone in rodent brain: cholesterol autoxidation is the key. <i>Journal of Lipid Research</i> , <b>2009</b> , 50, 2430-44	6.3	37
110	Steroid effects on glial cells: detrimental or protective for spinal cord function?. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 1007, 317-28	6.5	37
109	Neuroprotection by steroids after neurotrauma in organotypic spinal cord cultures: a key role for progesterone receptors and steroidal modulators of GABA(A) receptors. <i>Neuropharmacology</i> , <b>2013</b> , 71, 46-55	5.5	36
108	Hormonal influences in multiple sclerosis: new therapeutic benefits for steroids. <i>Maturitas</i> , <b>2011</b> , 68, 47-51	5	36
107	Ovarian steroid modulation of [3H]muscimol binding in the spinal cord of the rat. <i>Brain Research</i> , <b>1991</b> , 556, 321-3	3.7	36
106	Sex differences in the regulation of oxytocin receptors by ovarian steroids in the ventromedial hypothalamus of the rat. <i>Neuroendocrinology</i> , <b>1992</b> , 55, 269-75	5.6	34
105	Steroid and thyroid hormones modulate a changing brain. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1991</b> , 40, 1-14	5.1	34
104	Induction of type 3 iodothyronine deiodinase by nerve injury in the rat peripheral nervous system. <i>Endocrinology</i> , <b>2001</b> , 142, 5190-7	4.8	33
103	Intranasal delivery of progesterone after transient ischemic stroke decreases mortality and provides neuroprotection. <i>Neuropharmacology</i> , <b>2015</b> , 97, 394-403	5.5	32
102	Neurosteroidogenesis and progesterone anti-inflammatory/neuroprotective effects. <i>Journal of Neuroendocrinology</i> , <b>2018</b> , 30, e12502	3.8	32
101	Stage dependent effects of progesterone on motoneurons and glial cells of wobbler mouse spinal cord degeneration. <i>Cellular and Molecular Neurobiology</i> , <b>2010</b> , 30, 123-35	4.6	32
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