Darakhshan Jabeen Haleem

List of Publications by Year in Descending Order

129 papers	1,670 citations	22 h-index	33 g-index
136 ext. papers	1,900 ext. citations	2.9 avg, IF	5.42 L-index

#	Paper	IF	Citations
129	In silico study to identify new monoamine oxidase type a (MAO-A) selective inhibitors from natural source by virtual screening and molecular dynamics simulation. *Journal of Molecular Structure*, **2022** , 1254, 132244	3.4	1
128	Co-treatment with low doses of buspirone prevents rewarding effects of methylphenidate and upregulates expression of 5-HT1A receptor mRNA in the nucleus accumbens. *Behavioural Brain Research*, **2022**, 418, 113660	3.4	
127	Prevention of diet restriction induced hyperactivity but not body-weight reduction in rats co-treated with tryptophan: relationship with striatal serotonin and dopamine metabolism and serotonin-1A auto-receptor expression. *Nutritional Neuroscience*, **2021**, 1-10	3.6	2
126	Brain serotonin in high-fat diet-induced weight gain, anxiety and spatial memory in rats. *Nutritional Neuroscience*, **2021**, 24, 226-235	3.6	15
125	Elevated anxiety, hypoactivity, memory deficits, decreases of brain serotonin and 5-HT-1A receptors expression in rats treated with omeprazole. *Toxicological Research*, **2021**, 37, 237-248	3.7	1
124	Differential effects of memory enhancing and impairing doses of methylphenidate on serotonin metabolism and 5-HT1A, GABA, glutamate receptor expression in the rat prefrontal cortex. *Biochimie*, **2021**, 191, 51-61	4.6	1
123	Neurochemical and behavioral effects of lorazepam: A dose related study. *Pakistan Journal of Pharmaceutical Sciences*, **2021**, 34, 135-141	0.4	
122	Dose related acute behavioral and neurochemical profile of pioglitazone. *Pakistan Journal of Pharmaceutical Sciences*, **2021**, 34, 615-620	0.4	
121	Neurochemical and behavioral effects of fluoxetine on midazolam induce dependence in an animal model of addiction. *Pakistan Journal of Pharmaceutical Sciences*, **2021**, 34, 1749-1757	0.4	
120	Potential mechanisms of improvement in body weight, metabolic profile, and liver metabolism by honey in rats on a high fat diet. *PharmaNutrition*, **2020**, 14, 100227	2.9	3
119	Glucocorticoids in the Physiological and Transcriptional Regulation of 5-HT1A Receptor and the Pathogenesis of Depression. *Neuroscientist*, **2020**, 1073858420975711	7.6	6
118	Circulating leptin, cortisol and gender differences associated with anorexia or obesity in depression. *World Journal of Biological Psychiatry*, **2020**, 21, 195-202	3.8	3
117	Neurochemical and behavioral effects of midazolam: A dose related study. *Pakistan Journal of Pharmaceutical Sciences*, **2020**, 33, 85-93	0.4	
116	Restraint-induced behavioral deficits are attenuated or impaired by pre- or post-injection of apomorphine: A context-based study. *Pakistan Journal of Pharmaceutical Sciences*, **2020**, 33, 961-968	0.4	
115	Apomorphine-induced sensitization in rats exposed to restraint stress: Relationship with adaptation to stress. *Pakistan Journal of Pharmaceutical Sciences*, **2020**, 33, 1577-1583	0.4	
114	Targeting Serotonin1A Receptors for Treating Chronic Pain and Depression. *Current Neuropharmacology*, **2019**, 17, 1098-1108	7.6	17
113	Repeated administration of methylphenidate produces reinforcement and downregulates 5-HT-1A receptor expression in the nucleus accumbens. *Life Sciences*, **2019**, 218, 139-146	6.8	6

112	Inhibition of hormonal and behavioral effects of stress by tryptophan in rats. *Nutritional Neuroscience*, **2019**, 22, 409-417	3.6	8
111	Repeated treatment with a low dose of reserpine as a progressive model of Parkinson's dementia. *Pakistan Journal of Pharmaceutical Sciences*, **2019**, 32, 555-562	0.4	4
110	Enhancement and impairment of cognitive behaviour in Morris water maze test by methylphenidate to rats. *Pakistan Journal of Pharmaceutical Sciences*, **2019**, 32, 899-903	0.4	
109	Neurochemical and behavioral effects of Nigella sativa and Olea europaea oil in rats. *Nutritional Neuroscience*, **2018**, 21, 185-194	3.6	8
108	Walnut supplementation reverses the scopolamine-induced memory impairment by restoration of cholinergic function via mitigating oxidative stress in rats: a potential therapeutic intervention for age related neurodegenerative disorders. *Metabolic Brain Disease*, **2018**, 33, 39-51	3.9	20
107	Dose related effects of buspirone on pain, learning / memory and food intake. *Regulatory Toxicology and Pharmacology*, **2018**, 99, 182-190	3.4	9
106	Dopamine and serotonin metabolism associated with morphine reward and its inhibition with buspirone: A study in the rat striatum. *Pharmacology Biochemistry and Behavior*, **2018**, 170, 71-78	3.9	9
105	Serotonin-1A receptor dependent modulation of pain and reward for improving therapy of chronic pain. *Pharmacological Research*, **2018**, 134, 212-219	10.2	25
104	Effects of single administration of apomorphine on memory and monoamine metabolism: A dose related study. *Pakistan Journal of Pharmaceutical Sciences*, **2018**, 31, 439-445	0.4	
103	Inhibition of diet-restriction-induced behavioral deficits by tryptophan administration in rats. *Pakistan Journal of Pharmaceutical Sciences*, **2018**, 31, 1021-1029	0.4	2
102	New isatin derivative inhibits neurodegeneration by restoring insulin signaling in brain. *Journal of Chemical Neuroanatomy*, **2017**, 81, 1-9	3.2	2
101	Fasting leptin and glucose in normal weight, over weight and obese men and women diabetes patients with and without clinical depression. *Metabolic Brain Disease*, **2017**, 32, 757-764	3.9	12
100	Improving therapeutics in anorexia nervosa with tryptophan. *Life Sciences*, **2017**, 178, 87-93	6.8	21
99	Antioxidant effects of rice bran oil mitigate repeated haloperidol-induced tardive dyskinesia in male rats. *Metabolic Brain Disease*, **2017**, 32, 1099-1107	3.9	10
98	Inhibition of Reinforcing, Hyperalgesic, and Motor Effects of Morphine by Buspirone in Rats. *Journal of Pain*, **2017**, 18, 19-28	5.2	17
97	Neurochemical and behavioral effects of green tea (Camellia sinensis) as observed in animals exposed to restraint stress. *Pakistan Journal of Pharmaceutical Sciences*, **2017**, 30, 487-492	0.4	1
96	Repeated treatment with reserpine as a progressive animal model of depression. *Pakistan Journal of Pharmaceutical Sciences*, **2017**, 30, 897-902	0.4	12
95	Nigella sativa Oil Reduces Extrapyramidal Symptoms (EPS)-Like Behavior in Haloperidol-Treated Rats. *Neurochemical Research*, **2016**, 41, 3386-3398	4.6	3

94	Magnesium treatment palliates noise-induced behavioral deficits by normalizing DAergic and 5-HTergic metabolism in adult male rats. *Metabolic Brain Disease*, **2016**, 31, 815-25	3.9	9
93	Anxiolytic profile of fluoxetine as monitored following repeated administration in animal rat model of chronic mild stress. *Saudi Pharmaceutical Journal*, **2016**, 24, 571-578	4.4	13
92	Drug Targets for Obesity and Depression: From Serotonin to Leptin. *Current Drug Targets*, **2016**, 17, 1282-91	3	15
91	Effects of sugar rich diet on brain serotonin, hyperphagia and anxiety in animal model of both genders. *Pakistan Journal of Pharmaceutical Sciences*, **2016**, 29, 757-63	0.4	2
90	Co-treatment with imipramine averted haloperidol-instigated tardive dyskinesia: Association with serotonin in brain regions. *Pakistan Journal of Pharmaceutical Sciences*, **2016**, 29, 2273-2279	0.4	1
89	Serum leptin and cortisol, related to acutely perceived academic examination stress and performance in female university students. *Applied Psychophysiology Biofeedback*, **2015**, 40, 305-12	3.4	12
88	Inhibition of apomorphine-induced behavioral sensitization in rats pretreated with fluoxetine. *Behavioural Pharmacology*, **2015**, 26, 159-66	2.4	4
87	5-HT1A receptor-dependent control of nigrostriatal dopamine neurotransmission in the pharmacotherapy of Parkinson's disease and schizophrenia. *Behavioural Pharmacology*, **2015**, 26, 45-58	2.4	23
86	Behavioral, hormonal and central serotonin modulating effects of injected leptin. *Peptides*, **2015**, 74, 1-8	3.8	19
85	Nootropic and anti-stress effects of rice bran oil in male rats. *Journal of Food Science and Technology*, **2015**, 52, 4544-50	3.3	7
84	Effects of clinically relevant doses of methyphenidate on spatial memory, behavioral sensitization and open field habituation: a time related study. *Behavioural Brain Research*, **2015**, 281, 208-14	3.4	13
83	Behavioral deficits in rats following acute administration of glimepiride: Relationship with brain serotonin and dopamine. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 1181-6	0.4	1
82	Immobilization-induced increases of systolic blood pressure and dysregulation of electrolyte balance in ethanol-treated rats. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 1365-72	0.4	
81	Apomorphine induced conditioned place preference and sensitization is greater in rats exposed to unpredictable chronic mild stress. *Pakistan Journal of Pharmaceutical Sciences*, **2015**, 28, 1927-32	0.4	
80	Inhibition of apomorphine-induced conditioned place preference in rats co-injected with buspirone: relationship with serotonin and dopamine in the striatum. *Brain Research*, **2014**, 1586, 73-82	3.7	13
79	Investigations into the involvement of leptin in responses to stress. *Behavioural Pharmacology*, **2014**, 25, 384-97	2.4	24
78	Unpredictable chronic mild stress induced behavioral deficits: a comparative study in male and female rats. *Pakistan Journal of Pharmaceutical Sciences*, **2014**, 27, 879-84	0.4	11
77	Haloperidol-induced extra pyramidal symptoms attenuated by imipramine in rats. *Pakistan Journal of Pharmaceutical Sciences*, **2014**, 27, 1497-501	0.4	2

76	Dose-dependent effects of tryptophan on learning and memory. *Pakistan Journal of Pharmaceutical Sciences*, **2014**, 27, 1131-5	0.4	4
75	Gender and stress perception based differences in BMI, hormonal response and appetite in adult Pakistani population. *Journal of the College of Physicians and Surgeons--Pakistan: JCPSP*, **2014**, 24, 705-9	0.7	
74	Streptozotocin-induced insulin deficiency leads to development of behavioral deficits in rats. *Acta Neurologica Belgica*, **2013**, 113, 35-41	1.5	35
73	Alteration in plasma corticosterone levels following long term oral administration of lead produces depression like symptoms in rats. *Metabolic Brain Disease*, **2013**, 28, 85-92	3.9	20
72	Enhancement and inhibition of apomorphine-induced sensitization in rats exposed to immobilization stress: relationship with adaptation to stress. *Pharmacology Biochemistry and Behavior*, **2013**, 112, 22-8	3.9	9
71	Attenuation of stress-induced behavioral deficits by lithium administration via serotonin metabolism. *Pharmacological Reports*, **2013**, 65, 336-42	3.9	9
70	Inhibition of immobilization stress-induced anorexia, behavioral deficits, and plasma corticosterone secretion by injected leptin in rats. *Stress*, **2013**, 16, 353-62	3	42
69	Extending therapeutic use of psychostimulants: focus on serotonin-1A receptor. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 46, 170-80	5.5	31
68	Sub-chronic exposure to noise affects locomotor activity and produces anxiogenic and depressive like behavior in rats. *Pharmacological Reports*, **2012**, 64, 64-9	3.9	61
67	Role of somatodendritic and postsynaptic 5-HT1A receptors on learning and memory functions in rats. *Neurochemical Research*, **2012**, 37, 2161-6	4.6	26
66	Serotonin neurotransmission in anorexia nervosa. *Behavioural Pharmacology*, **2012**, 23, 478-95	2.4	42
65	Decreased Hippocampal 5-HT and DA Levels Following Sub-Chronic Exposure to Noise Stress: Impairment in both Spatial and Recognition Memory in Male Rats. *Scientia Pharmaceutica*, **2012**, 80, 1001-11	4.3	20
64	Nootropic and hypophagic effects following long term intake of almonds (Prunus amygdalus) in rats. *Nutricion Hospitalaria*, **2012**, 27, 2109-15	1	11
63	Altered brain serotonergic neurotransmission following caffeine withdrawal produces behavioral deficits in rats. *Pakistan Journal of Pharmaceutical Sciences*, **2012**, 25, 21-5	0.4	4
62	Regional neurochemical profile following development of apomorphine-induced reinforcement. *Pakistan Journal of Pharmaceutical Sciences*, **2012**, 25, 513-9	0.4	1
61	Behavioral deficits and exaggerated feedback control over raphe-hippocampal serotonin neurotransmission in restrained rats. *Pharmacological Reports*, **2011**, 63, 888-97	3.9	19
60	Raphe-Hippocampal Serotonin Neurotransmission In The Sex Related Differences of Adaptation to Stress: Focus on Serotonin-1A Receptor. *Current Neuropharmacology*, **2011**, 9, 512-21	7.6	29
59	Attenuation of apomorphine-induced sensitization by buspirone. *Pharmacology Biochemistry and Behavior*, **2011**, 99, 444-50	3.9	16

58	Effects of walnuts (Juglans regia) on learning and memory functions. *Plant Foods for Human Nutrition*, **2011**, 66, 335-40	3.9	37
57	Age-Related Decrease in Striatal DA Produces Cognitive Deficits in Male Rats. *Journal of Pharmacy and Nutrition Sciences (discontinued)*, **2011**, 20-27	0.3	16
56	Effects of apomorphine on locomotive activity and monoamine metabolism: a dose related study. *Pakistan Journal of Pharmaceutical Sciences*, **2011**, 24, 315-21	0.4	3
55	Acute administration of clozapine and risperidone altered dopamine metabolism more in rat caudate than in nucleus accumbens: a dose-response relationship. *Scientia Pharmaceutica*, **2010**, 78, 259-74	4.3	2
54	Dose-related effects of clozapine and risperidone on the pattern of brain regional serotonin and dopamine metabolism and on tests related to extrapyramidal functions in rats. *Acta Pharmaceutica*, **2010**, 60, 129-40	3.2	8
53	Protective effects of aqueous fruit extract from Sea Buckthorn (Hippophae rhamnoides L. Spp. Turkestanica) on haloperidol-induced orofacial dyskinesia and neuronal alterations in the striatum. *Medical Science Monitor*, **2010**, 16, BR285-92	3.2	1
52	Exaggerated feedback control decreases brain serotonin concentration and elicits hyperactivity in a rat model of diet-restriction-induced anorexia nervosa. *Appetite*, **2009**, 52, 44-50	4.5	22
51	Repeated administration of Nigella sativa decreases 5-HT turnover and produces anxiolytic effects in rats. *Pakistan Journal of Pharmaceutical Sciences*, **2009**, 22, 139-44	0.4	27
50	Behavioral and neurochemical profile of m-CPP following exposure to single restraint stress in rat. *Acta Neurologica Belgica*, **2009**, 109, 24-31	1.5	4
49	Dietary supplementations of amino acids: evidence for enhanced serotonergic functions following haloperidol withdrawal in rat medial prefrontal cortex. *Journal of the College of Physicians and Surgeons--Pakistan: JCPSP*, **2009**, 19, 139-45	0.7	2
48	Long-term consumption of sugar-rich diet decreases the effectiveness of somatodendritic serotonin-1A receptors. *Nutritional Neuroscience*, **2008**, 11, 277-82	3.6	8
47	Repeated administration of fresh garlic increases memory retention in rats. *Journal of Medicinal Food*, **2008**, 11, 675-9	2.8	20
46	Role of tryptophan in the pathogenesis of hepatic encephalopathy. *JPMA the Journal of the Pakistan Medical Association*, **2008**, 58, 68-70	0.4	10
45	Responsiveness of 5-HT2C receptors in repeatedly diazepam-injected rats: a behavioral and neurochemical study. *Pharmacological Reports*, **2008**, 60, 716-24	3.9	2
44	Role of serotonin-1A receptors in restraint-induced behavioral deficits and adaptation to repeated restraint stress in rats. *International Journal of Neuroscience*, **2007**, 117, 243-57	2	13
43	Tolerance in the anxiolytic profile following repeated administration of diazepam but not buspirone is associated with a decrease in the responsiveness of postsynaptic 5-HT-1A receptors. *Acta Biologica Hungarica*, **2007**, 58, 345-57		4
42	Reversal of haloperidol-induced tardive vacuous chewing movements and supersensitive somatodendritic serotonergic response by buspirone in rats. *Pharmacology Biochemistry and Behavior*, **2007**, 87, 115-21	3.9	30
41	Attenuation of restraint-induced behavioral deficits and serotonergic responses by stabilized rice bran in rats. *Nutritional Neuroscience*, **2007**, 10, 11-6	3.6	17

40	Reversal of haloperidol-induced extrapyramidal symptoms by buspirone: a time-related study. *Behavioural Pharmacology*, **2007**, 18, 147-53	2.4	25
39	Enhanced serotonergic neurotransmission in the hippocampus following tryptophan administration improves learning acquisition and memory consolidation in rats. *Pharmacological Reports*, **2007**, 59, 53-7	3.9	41
38	Serotonin-1A receptor responsiveness in stress and following adaptation to stress. *Pakistan Journal of Pharmaceutical Sciences*, **2007**, 20, 115-9	0.4	2
37	Neurochemical and behavioral effects of m-CPP in a rat model of tardive dyskinesia. *Pakistan Journal of Pharmaceutical Sciences*, **2007**, 20, 188-95	0.4	9
36	Neurochemical and behavioral effects of 8-OH-DPAT following exposure to restraint stress in rats. *Pharmacological Reports*, **2007**, 59, 173-80	3.9	11
35	Increase in the effectiveness of somatodendritic 5-HT-1A receptors in a rat model of tardive dyskinesia. *Acta Neurobiologiae Experimentalis*, **2007**, 67, 389-97	1	5
34	Long-term tryptophan administration enhances cognitive performance and increases 5HT metabolism in the hippocampus of female rats. *Amino Acids*, **2006**, 31, 421-5	3.5	38
33	Relationship of brain tryptophan and serotonin in improving cognitive performance in rats. *Pakistan Journal of Pharmaceutical Sciences*, **2006**, 19, 11-5	0.4	17
32	Effects of long term consumption of sugar as part of meal on serotonin 1-a receptor dependent responses. *Pakistan Journal of Pharmaceutical Sciences*, **2006**, 19, 94-8	0.4	8
31	Inhibition of restraint-induced neuroendocrine and serotonergic responses by buspirone in rats. *Pharmacological Reports*, **2006**, 58, 636-42	3.9	9
30	5-HT-1A receptor responsiveness following subchronic administration of buspirone. *Pakistan Journal of Pharmaceutical Sciences*, **2006**, 19, 333-7	0.4	3
29	Serotonergic modulation of dopamine neurotransmission: a mechanism for enhancing therapeutics in schizophrenia. *Journal of the College of Physicians and Surgeons--Pakistan: JCPSP*, **2006**, 16, 556-62	0.7	12
28	Repeated administration of lead decreases brain 5-HT metabolism and produces memory deficits in rats. *Cellular and Molecular Biology Letters*, **2005**, 10, 669-76	8.1	16
27	Effects of tryptophan and valine administration on behavioral pharmacology of haloperidol. *Pakistan Journal of Pharmaceutical Sciences*, **2005**, 18, 23-8	0.4	2
26	Neurochemical estimations of some new quaternary phenacyl-bromopiperidinium compounds. *Pakistan Journal of Pharmaceutical Sciences*, **2005**, 18, 52-4	0.4	
25	Dopamine and serotonin neurotransmission in the reinforcing effects of alcohol and apomorphine. *Journal of the College of Physicians and Surgeons--Pakistan: JCPSP*, **2005**, 15, 458-62	0.7	5
24	Motor effects of buspirone: Relationship with dopamine and serotonin in the striatum. *Journal of the College of Physicians and Surgeons--Pakistan: JCPSP*, **2005**, 15, 753-6	0.7	12
23	Somatodendritic and postsynaptic serotonin-1A receptors in the attenuation of haloperidol-induced catalepsy. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2004**, 28, 1323-9	5.5	31

22	Is anorexia in thioacetamide-induced cirrhosis related to an altered brain serotonin concentration?. *Polish Journal of Pharmacology*, **2004**, 56, 73-8		9
21	Lack of restraint-induced increases of brain serotonin metabolism in rats treated with spiperone: relationship with restraint-induced behavioral deficits. *Pakistan Journal of Pharmaceutical Sciences*, **2004**, 17, 57-65	0.4	1
20	Enhancement of serotonin-1A receptor dependent responses following withdrawal of haloperidol in rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2003**, 27, 645-51	5.5	12
19	Effects of 2 hrs. restraint stress on brain serotonin metabolism and memory in rats. *Pakistan Journal of Pharmaceutical Sciences*, **2003**, 16, 27-33	0.4	6
18	Serotonin and serotonin 1-A receptors in the failure of ethanol-treated rats to adapt to a repeated stress schedule. *Journal of Studies on Alcohol and Drugs*, **2002**, 63, 389-96		13
17	Pre- and postsynaptic responses to 1-(1-naphthylpiperazine) following adaptation to stress in rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2002**, 26, 149-56	5.5	12
16	Hyperphagia and Decreases of Brain Serotonin in Rats Fed Freely on Sugar Rich Diet for Three Weeks. *Nutritional Neuroscience*, **2000**, 3, 399-405	3.6	4
15	Attenuation of 8-OH-DPAT-induced decreases in 5-Ht synthesis in brain regions of rats adapted to a repeated stress schedule. *Stress*, **1999**, 3, 123-9	3	20
14	Inhibition of restraint-induced anorexia by injected tryptophan. *Life Sciences*, **1998**, 63, PL205-12	6.8	16
13	Stress and hypertension: role of serum, red cell and tissue electrolytes. *Life Sciences*, **1996**, 58, 1587-90	6.8	7
12	Regionally specific effects of diazepam on brain serotonin metabolism in rats: sustained effects following repeated administration. *Life Sciences*, **1996**, 59, PL239-46	6.8	14
11	Adaptation to repeated restraint stress in rats: failure of ethanol-treated rats to adapt in the stress schedule. *Alcohol and Alcoholism*, **1996**, 31, 471-7	3.5	19
10	Food restriction decreases serotonin and its synthesis rate in the hypothalamus. *NeuroReport*, **1996** , 7, 1153-6	1.7	44
9	24h withdrawal following repeated administration of caffeine attenuates brain serotonin but not tryptophan in rat brain: implications for caffeine-induced depression. *Life Sciences*, **1995**, 57, PL285-92	6.8	10
8	Decreases of plasma tryptophan concentrations following restricted feeding do not decrease serotonin and its metabolite in rat brain. *Molecular Nutrition and Food Research*, **1994**, 38, 606-11		1
7	Enhancement of hepatic tryptophan pyrrolase activity and decreases of open field locomotion following single and repeated administration of high doses of caffeine in rats. *Life Sciences*, **1994**, 54, PL297-304	6.8	1
6	Brain regional serotonin synthesis following adaptation to repeated restraint. *NeuroReport*, **1994**, 5, 1785-8	1.7	51
5	Function specific supersensitivity of m-chlorophenyl piperazine-induced serotonergic neurotransmission in female compared to male rats. *Life Sciences*, **1993**, 52, PL279-84	6.8	8

4	Repeated corticosterone treatment attenuates behavioural and neuroendocrine responses to 8-hydroxy-2-(di-n-propylamino) tetralin in rats. *Life Sciences*, **1992**, 51, PL225-30	6.8	22
3	Sex differences in neurochemical and behavioural effects of 8-hydroxy-2-(di-n-propylamino) tetralin. *Life Sciences*, **1992**, 50, PL221-6	6.8	19
2	Injected tryptophan increases brain but not plasma tryptophan levels more in ethanol treated rats. *Life Sciences*, **1990**, 47, 971-9	6.8	9
1	Adaptation of female rats to stress: shift to male pattern by inhibition of corticosterone synthesis. *Brain Research*, **1988**, 458, 339-47	3.7	134