Xu-Feng Huang

List of Publications by Citations

316 papers	10,071 citations	55 h-index	82 g-index
330 ext. papers	11,479 ext. citations	4.9 avg, IF	6.39 L-index

#	Paper	IF	Citations
316	Development of high fat diet-induced obesity and leptin resistance in C57Bl/6J mice. *International Journal of Obesity*, **2000**, 24, 639-46	5.5	416
315	Selective antagonist [3H]SR141716A binding to cannabinoid CB1 receptors is increased in the anterior cingulate cortex in schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2004**, 28, 355-60	5.5	215
314	Effects of dietary fat types on body fatness, leptin, and ARC leptin receptor, NPY, and AgRP mRNA expression. *American Journal of Physiology - Endocrinology and Metabolism*, **2002**, 282, E1352-9	6	197
313	Arcuate NPY controls sympathetic output and BAT function via a relay of tyrosine hydroxylase neurons in the PVN. *Cell Metabolism*, **2013**, 17, 236-48	24.6	175
312	Molecular evidence of N-methyl-D-aspartate receptor hypofunction in schizophrenia. *Molecular Psychiatry*, **2013**, 18, 1185-92	15.1	169
311	Leptin receptor, NPY, POMC mRNA expression in the diet-induced obese mouse brain. *Brain Research*, **2000**, 875, 89-95	3.7	166
310	Obesity, the PI3K/Akt signal pathway and colon cancer. *Obesity Reviews*, **2009**, 10, 610-6	10.6	164
309	Increased cannabinoid receptor density in the posterior cingulate cortex in schizophrenia. *Experimental Brain Research*, **2006**, 172, 556-60	2.3	155
308	Localization of leptin receptor mRNA expression in mouse brain. *NeuroReport*, **1996**, 7, 2635-8	1.7	142
307	Cannabidiol potentiates Δ-tetrahydrocannabinol (THC) behavioural effects and alters THC pharmacokinetics during acute and chronic treatment in adolescent rats. *Psychopharmacology*, **2011**, 218, 443-57	4.7	132
306	A behavioural comparison of acute and chronic Delta9-tetrahydrocannabinol and cannabidiol in C57BL/6JArc mice. *International Journal of Neuropsychopharmacology*, **2010**, 13, 861-76	5.8	131
305	Investigation of m1/m4 muscarinic receptors in the anterior cingulate cortex in schizophrenia, bipolar disorder, and major depression disorder. *Neuropsychopharmacology*, **2004**, 29, 619-25	8.7	129
304	Oat beta-glucan increases postprandial cholecystokinin levels, decreases insulin response and extends subjective satiety in overweight subjects. *Molecular Nutrition and Food Research*, **2009**, 53, 1343-51	5.9	122
303	The signal pathways in azoxymethane-induced colon cancer and preventive implications. *Cancer Biology and Therapy*, **2009**, 8, 1313-7	4.6	122
302	Role of fat amount and type in ameliorating diet-induced obesity: insights at the level of hypothalamic arcuate nucleus leptin receptor, neuropeptide Y and pro-opiomelanocortin mRNA expression. *Diabetes, Obesity and Metabolism*, **2004**, 6, 35-44	6.7	108
301	Dopamine transporter and D2 receptor binding densities in mice prone or resistant to chronic high fat diet-induced obesity. *Behavioural Brain Research*, **2006**, 175, 415-9	3.4	105
300	The role of histaminergic H1 and H3 receptors in food intake: a mechanism for atypical antipsychotic-induced weight gain?. *Progress in Neuro-Psychopharmacology and Biological Psychiatry* , **2010**, 34, 1-4	5.5	103

299	High-fat diet exposure increases dopamine D2 receptor and decreases dopamine transporter receptor binding density in the nucleus accumbens and caudate putamen of mice. *Neurochemical Research*, **2008**, 33, 598-605	4.6	101
298	Early brain development disruption from NMDA receptor hypofunction: relevance to schizophrenia. *Brain Research Reviews*, **2007**, 53, 260-70		95
297	Altered levels of POMC, AgRP and MC4-R mRNA expression in the hypothalamus and other parts of the limbic system of mice prone or resistant to chronic high-energy diet-induced obesity. *Brain Research*, **2003**, 992, 9-19	3.7	89
296	Gender differences in cognitive function of patients with chronic schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 39, 358-63	5.5	88
295	Differential expression of dopamine D2 and D4 receptor and tyrosine hydroxylase mRNA in mice prone, or resistant, to chronic high-fat diet-induced obesity. *Molecular Brain Research*, **2005**, 135, 150-61		88
294	The level of NPY receptor mRNA expression in diet-induced obese and resistant mice. *Molecular Brain Research*, **2003**, 115, 21-8		82
293	Galantamine improves cognition, hippocampal inflammation, and synaptic plasticity impairments induced by lipopolysaccharide in mice. *Journal of Neuroinflammation*, **2018**, 15, 112	10.1	81
292	Olanzapine treatment and metabolic dysfunction: a dose response study in female Sprague Dawley rats. *Behavioural Brain Research*, **2011**, 217, 337-46	3.4	78
291	Oat beta-glucan supplementation does not enhance the effectiveness of an energy-restricted diet in overweight women. *British Journal of Nutrition*, **2010**, 103, 1212-22	3.6	78
290	PM439. Chronic effects of aripiprazole on the GSK3-dependent pathways, NMDA receptor and CREB1 in the rat brain. *International Journal of Neuropsychopharmacology*, **2016**, 19, 60-60	5.8	78
289	Changes in metabolism and microbiota after 24-week risperidone treatment in drug naïve, normal weight patients with first episode schizophrenia. *Schizophrenia Research*, **2018**, 201, 299-306	3.6	78
288	Short- and long-term effects of antipsychotic drug treatment on weight gain and H1 receptor expression. *Psychoneuroendocrinology*, **2008**, 33, 569-80	5	77
287	Chlorogenic acid protects D-galactose-induced liver and kidney injury via antioxidation and anti-inflammation effects in mice. *Pharmaceutical Biology*, **2016**, 54, 1027-34	3.8	72
286	Alterations to melanocortinergic, GABAergic and cannabinoid neurotransmission associated with olanzapine-induced weight gain. *PLoS ONE*, **2012**, 7, e33548	3.7	71
285	Decreased density of muscarinic receptors in the superior temporal gyrusin schizophrenia. *Journal of Neuroscience Research*, **2005**, 81, 883-90	4.4	71
284	Comparative distribution of receptors for amylin and the related peptides calcitonin gene related peptide and calcitonin in rat and monkey brain. *Canadian Journal of Physiology and Pharmacology*, **1995**, 73, 1037-41	2.4	70
283	Membrane phospholipid composition, alterations in neurotransmitter systems and schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2005**, 29, 878-88	5.5	69
282	Simvastatin prevents dopaminergic neurodegeneration in experimental parkinsonian models: the association with anti-inflammatory responses. *PLoS ONE*, **2011**, 6, e20945	3.7	68

281	Alterations of muscarinic and GABA receptor binding in the posterior cingulate cortex in schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2007**, 31, 225-33	5.5	68
280	The role of hypothalamic H1 receptor antagonism in antipsychotic-induced weight gain. *CNS Drugs*, **2013**, 27, 423-34	6.7	66
279	Effects of olanzapine on muscarinic M3 receptor binding density in the brain relates to weight gain, plasma insulin and metabolic hormone levels. *European Neuropsychopharmacology*, **2012**, 22, 364-73	1.2	66
278	Improved Social Interaction, Recognition and Working Memory with Cannabidiol Treatment in a Prenatal Infection (poly I:C) Rat Model. *Neuropsychopharmacology*, **2017**, 42, 1447-1457	8.7	65
277	Distinct neurobehavioural effects of cannabidiol in transmembrane domain neuregulin 1 mutant mice. *PLoS ONE*, **2012**, 7, e34129	3.7	65
276	Carbon nanotube nanoweb-bioelectrode for highly selective dopamine sensing. *ACS Applied Materials & Interfaces*, **2012**, 4, 44-8	9.5	63
275	High-fat diet decreases tyrosine hydroxylase mRNA expression irrespective of obesity susceptibility in mice. *Brain Research*, **2009**, 1268, 181-189	3.7	63
274	Second generation antipsychotic-induced type 2 diabetes: a role for the muscarinic M3 receptor. *CNS Drugs*, **2013**, 27, 1069-80	6.7	62
273	Dorsal motor nucleus of the vagus nerve: a cyto- and chemoarchitectonic study in the human. *Journal of Comparative Neurology*, **1993**, 330, 158-82	3.4	61
272	Transmembrane domain Nrg1 mutant mice show altered susceptibility to the neurobehavioural actions of repeated THC exposure in adolescence. *International Journal of Neuropsychopharmacology*, **2013**, 16, 163-75	5.8	58
271	Increases in peptide Y-Y levels following oat beta-glucan ingestion are dose-dependent in overweight adults. *Nutrition Research*, **2009**, 29, 705-9	4	58
270	Selective alterations in ionotropic glutamate receptors in the anterior cingulate cortex in schizophrenia. *Neuropsychopharmacology*, **2002**, 27, 826-33	8.7	58
269	Olanzapine differentially affects 5-HT2Aand2C receptor mRNA expression in the rat brain. *Behavioural Brain Research*, **2006**, 171, 355-62	3.4	57
268	Central inflammation and leptin resistance are attenuated by ginsenoside Rb1 treatment in obese mice fed a high-fat diet. *PLoS ONE*, **2014**, 9, e92618	3.7	57
267	In vitro autoradiographic localization of calcitonin and amylin binding sites in monkey brain. *Journal of Chemical Neuroanatomy*, **2004**, 27, 217-36	3.2	56
266	Hypothalamic histamine H1 receptor-AMPK signaling time-dependently mediates olanzapine-induced hyperphagia and weight gain in female rats. *Psychoneuroendocrinology*, **2014**, 42, 153-64	5	55
265	High dose of simvastatin induces hyperlocomotive and anxiolytic-like activities: The association with the up-regulation of NMDA receptor binding in the rat brain. *Experimental Neurology*, **2009**, 216, 132-8	5.7	55
264	An investigation of the dimensionality of the Pittsburgh Sleep Quality Index in Australian adults. *Sleep and Biological Rhythms*, **2008**, 6, 222-227	1.3	55

263	Increased density of GABAA receptors in the superior temporal gyrus in schizophrenia. *Experimental Brain Research*, **2006**, 168, 587-90	2.3	55
262	Muscles within muscles: Coordination of 19 muscle segments within three shoulder muscles during isometric motor tasks. *Journal of Electromyography and Kinesiology*, **2007**, 17, 57-73	2.5	55
261	Fatty acids differentially affect serotonin receptor and transporter binding in the rat brain. *Neuroscience*, **2006**, 139, 1397-403	3.9	55
260	Reducing olanzapine-induced weight gain side effect by using betahistine: a study in the rat model. *Journal of Psychopharmacology*, **2012**, 26, 1271-9	4.6	54
259	The schizophrenia susceptibility gene neuregulin 1 modulates tolerance to the effects of cannabinoids. *International Journal of Neuropsychopharmacology*, **2011**, 14, 631-43	5.8	54
258	Interaction of BDNF with cytokines in chronic schizophrenia. *Brain, Behavior, and Immunity*, **2016**, 51, 169-175	16.6	51
257	The molecular mechanisms underpinning the therapeutic properties of oleanolic acid, its isomer and derivatives for type 2 diabetes and associated complications. *Molecular Nutrition and Food Research*, **2014**, 58, 1750-9	5.9	51
256	Preventing olanzapine-induced weight gain using betahistine: a study in a rat model with chronic olanzapine treatment. *PLoS ONE*, **2014**, 9, e104160	3.7	51
255	Palmitic acid induces central leptin resistance and impairs hepatic glucose and lipid metabolism in male mice. *Journal of Nutritional Biochemistry*, **2015**, 26, 541-8	6.3	49
254	Metabotropic glutamate receptor mGluR2/3 and mGluR5 binding in the anterior cingulate cortex in psychotic and nonpsychotic depression, bipolar disorder and schizophrenia: implications for novel mGluR-based therapeutics. *Journal of Psychiatry and Neuroscience*, **2014**, 39, 407-16	4.5	47
253	Serum levels of polyunsaturated fatty acids are low in Chinese men with metabolic syndrome, whereas serum levels of saturated fatty acids, zinc, and magnesium are high. *Nutrition Research*, **2012**, 32, 71-7	4	47
252	A link between chronic sleep restriction and obesity: methodological considerations. *Public Health*, **2008**, 122, 1373-81	4	47
251	Molecular Mechanisms of Antipsychotic Drug-Induced Diabetes. *Frontiers in Neuroscience*, **2017**, 11, 643	5.1	47
250	Teasaponin reduces inflammation and central leptin resistance in diet-induced obese male mice. *Endocrinology*, **2013**, 154, 3130-40	4.8	45
249	Bardoxolone methyl prevents high-fat diet-induced alterations in prefrontal cortex signalling molecules involved in recognition memory. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 59, 68-75	5.5	45
248	Glucose disturbances in first-episode drug-naïve schizophrenia: Relationship to psychopathology. *Psychoneuroendocrinology*, **2015**, 62, 376-80	5	44
247	Awareness, treatment, control of diabetes mellitus and the risk factors: survey results from northeast China. *PLoS ONE*, **2014**, 9, e103594	3.7	43
246	Structural contributions of antipsychotic drugs to their therapeutic profiles and metabolic side effects. *Journal of Neurochemistry*, **2012**, 120, 371-84	6	43

245	Aripiprazole differentially affects mesolimbic and nigrostriatal dopaminergic transmission: implications for long-term drug efficacy and low extrapyramidal side-effects. *International Journal of Neuropsychopharmacology*, **2009**, 12, 941-52	5.8	43
244	M2/M4 muscarinic receptor binding in the anterior cingulate cortex in schizophrenia and mood disorders. *Brain Research Bulletin*, **2005**, 65, 397-403	3.9	43
243	Hypothalamic c-fos-like immunoreactivity in high-fat diet-induced obese and resistant mice. *Brain Research Bulletin*, **2000**, 52, 235-42	3.9	43
242	Betahistine ameliorates olanzapine-induced weight gain through modulation of histaminergic, NPY and AMPK pathways. *Psychoneuroendocrinology*, **2014**, 48, 77-86	5	42
241	Developmental vitamin D deficiency alters MK-801-induced behaviours in adult offspring. *Psychopharmacology*, **2012**, 220, 455-63	4.7	42
240	Upregulation of leptin receptor mRNA expression in obese mouse brain. *NeuroReport*, **1997**, 8, 1035-8	1.7	42
239	Excitatory and inhibitory neurotransmission is chronically altered following perinatal NMDA receptor blockade. *European Neuropsychopharmacology*, **2009**, 19, 256-65	1.2	41
238	-glucan attenuates cognitive impairment via the gut-brain axis in diet-induced obese mice. *Microbiome*, **2020**, 8, 143	16.6	40
237	Orientin improves depression-like behavior and BDNF in chronic stressed mice. *Molecular Nutrition and Food Research*, **2015**, 59, 1130-42	5.9	39
236	Neuregulin-1 signalling and antipsychotic treatment: potential therapeutic targets in a schizophrenia candidate signalling pathway. *Psychopharmacology*, **2013**, 226, 201-15	4.7	39
235	The role of ghrelin signalling in second-generation antipsychotic-induced weight gain. *Psychoneuroendocrinology*, **2013**, 38, 2423-38	5	39
234	Hypothalamic ghrelin signalling mediates olanzapine-induced hyperphagia and weight gain in female rats. *International Journal of Neuropsychopharmacology*, **2014**, 17, 807-18	5.8	39
233	Differential expression of 5-HT(2A) and 5-HT(2C) receptor mRNAs in mice prone, or resistant, to chronic high-fat diet-induced obesity. *Molecular Brain Research*, **2004**, 127, 39-47		39
232	Insulin caused drug resistance to oxaliplatin in colon cancer cell line HT29. *Journal of Gastrointestinal Oncology*, **2011**, 2, 27-33	2.8	39
231	Ameliorating antipsychotic-induced weight gain by betahistine: Mechanisms and clinical implications. *Pharmacological Research*, **2016**, 106, 51-63	10.2	38
230	Examining the pathways linking chronic sleep restriction to obesity. *Journal of Obesity*, **2010**, 2010,	3.7	38
229	The effects of diets enriched in beta-glucans on blood lipoprotein concentrations. *Journal of Clinical Lipidology*, **2009**, 3, 154-8	4.9	37
228	Olanzapine reduced brown adipose tissue thermogenesis and locomotor activity in female rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2014**, 51, 172-80	5.5	36

227	Sensitivity of the female rat to olanzapine-induced weight gain--far from the clinic?. *Schizophrenia Research*, **2010**, 116, 299-300	3.6	36
226	5-HT2A/2C receptor and 5-HT transporter densities in mice prone or resistant to chronic high-fat diet-induced obesity: a quantitative autoradiography study. *Brain Research*, **2004**, 1018, 227-35	3.7	36
225	Chronic rhein treatment improves recognition memory in high-fat diet-induced obese male mice. *Journal of Nutritional Biochemistry*, **2016**, 36, 42-50	6.3	36
224	Selective binding modes and allosteric inhibitory effects of lupane triterpenes on protein tyrosine phosphatase 1B. *Scientific Reports*, **2016**, 6, 20766	4.9	35
223	Perinatal phencyclidine treatment alters neuregulin 1/erbB4 expression and activation in later life. *European Neuropsychopharmacology*, **2012**, 22, 356-63	1.2	35
222	Acute sleep restriction alters neuroendocrine hormones and appetite in healthy male adults. *Sleep and Biological Rhythms*, **2009**, 7, 125-127	1.3	35
221	Sex difference in QTc prolongation in chronic institutionalized patients with schizophrenia on long-term treatment with typical and atypical antipsychotics. *Psychopharmacology*, **2011**, 216, 9-16	4.7	34
220	Obese reversal by a chronic energy restricted diet leaves an increased Arc NPY/AgRP, but no alteration in POMC/CART, mRNA expression in diet-induced obese mice. *Behavioural Brain Research* , **2009**, 205, 50-6	3.4	34
219	Alterations in 5-HT2A receptor binding in various brain regions among 6-hydroxydopamine-induced Parkinsonian rats. *Synapse*, **2010**, 64, 224-30	2.4	34
218	Influence of dietary fats on c-Fos-like immunoreactivity in mouse hypothalamus. *Brain Research*, **1999**, 843, 184-92	3.7	34
217	Energy-restricted pair-feeding normalizes low levels of brain-derived neurotrophic factor/tyrosine kinase B mRNA expression in the hippocampus, but not ventromedial hypothalamic nucleus, in diet-induced obese mice. *Neuroscience*, **2009**, 160, 295-306	3.9	33
216	Decreased density of serotonin 2A receptors in the superior temporal gyrus in schizophrenia--a postmortem study. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2009**, 33, 867-71	5.5	33
215	Neuropeptide Y mRNA expression levels following chronic olanzapine, clozapine and haloperidol administration in rats. *Neuropeptides*, **2006**, 40, 213-9	3.3	33
214	Alterations of mGluR5 and its endogenous regulators Norbin, Tamalin and Preso1 in schizophrenia: towards a model of mGluR5 dysregulation. *Acta Neuropathologica*, **2015**, 130, 119-29	14.3	32
213	Dietary teasaponin ameliorates alteration of gut microbiota and cognitive decline in diet-induced obese mice. *Scientific Reports*, **2017**, 7, 12203	4.9	32
212	Tailoring the wettability and mechanical properties of electrospun poly(l-lactic acid)-poly(glycerol sebacate) core-shell membranes for biomedical applications. *Journal of Colloid and Interface Science* , **2017**, 508, 87-94	9.3	32
211	Reciprocal signalling between NR2 subunits of the NMDA receptor and neuregulin1 and their role in schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2011**, 35, 896-904	5.5	32
210	Diet high in oat □glucan activates the gut-hypothalamic (PYY□NPY) axis and increases satiety in diet-induced obesity in mice. *Molecular Nutrition and Food Research*, **2011**, 55, 1118-21	5.9	32

209	Ionotropic glutamate receptor binding in the posterior cingulate cortex in schizophrenia patients. *NeuroReport*, **2005**, 16, 1363-7	1.7	32
208	Obesity, altered oxidative stress, and clinical correlates in chronic schizophrenia patients. *Translational Psychiatry*, **2018**, 8, 258	8.6	32
207	Intake of 7,8-Dihydroxyflavone During Juvenile and Adolescent Stages Prevents Onset of Psychosis in Adult Offspring After Maternal Immune Activation. *Scientific Reports*, **2016**, 6, 36087	4.9	31
206	Short term effects of energy restriction and dietary fat sub-type on weight loss and disease risk factors. *Nutrition, Metabolism and Cardiovascular Diseases*, **2010**, 20, 317-25	4.5	31
205	Temporal and site-specific brain alterations in CB1 receptor binding in high fat diet-induced obesity in C57Bl/6 mice. *Journal of Neuroendocrinology*, **2008**, 20, 1288-94	3.8	31
204	Perinatal administration of PCP alters adult behaviour in female Sprague-Dawley rats. *Behavioural Brain Research*, **2008**, 188, 416-9	3.4	31
203	Short and long term changes in NMDA receptor binding in mouse brain following chronic phencyclidine treatment. *Journal of Neural Transmission*, **2007**, 114, 995-1001	4.3	31
202	No changes in densities of cannabinoid receptors in the superior temporal gyrus in schizophrenia. *Neuroscience Bulletin*, **2007**, 23, 341-7	4.3	31
201	A neuregulin 1 transmembrane domain mutation causes imbalanced glutamatergic and dopaminergic receptor expression in mice. *Neuroscience*, **2013**, 248, 670-80	3.9	30
200	Insulin decreases therapeutic efficacy in colon cancer cell line HT29 via the activation of the PI3K/Akt pathway. *Current Drug Discovery Technologies*, **2011**, 8, 119-25	1.5	30
199	Sensitive and selective dopamine determination in human serum with inkjet printed Nafion/MWCNT chips. *Electrochemistry Communications*, **2013**, 37, 32-35	5.1	29
198	Metabotropic glutamate receptor 5 binding and protein expression in schizophrenia and following antipsychotic drug treatment. *Schizophrenia Research*, **2013**, 146, 170-6	3.6	29
197	Antipsychotic treatment and neuregulin 1-ErbB4 signalling in schizophrenia. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2011**, 35, 924-30	5.5	29
196	The effects of antipsychotics on the density of cannabinoid receptors in the dorsal vagal complex of rats: implications for olanzapine-induced weight gain. *International Journal of Neuropsychopharmacology*, **2008**, 11, 827-35	5.8	29
195	Alterations to the microbiota-colon-brain axis in high-fat-diet-induced obese mice compared to diet-resistant mice. *Journal of Nutritional Biochemistry*, **2019**, 65, 54-65	6.3	29
194	Tacrine-Hydrogen Sulfide Donor Hybrid Ameliorates Cognitive Impairment in the Aluminum Chloride Mouse Model of Alzheimer's Disease. *ACS Chemical Neuroscience*, **2019**, 10, 3500-3509	5.7	28
193	Supplement of microbiota-accessible carbohydrates prevents neuroinflammation and cognitive decline by improving the gut microbiota-brain axis in diet-induced obese mice. *Journal of Neuroinflammation*, **2020**, 17, 77	10.1	28
192	Novel implications of Lingo-1 and its signaling partners in schizophrenia. *Translational Psychiatry*, **2014**, 4, e348	8.6	28

191	G protein-coupled receptor 12 deficiency results in dyslipidemia and obesity in mice. *Biochemical and Biophysical Research Communications*, **2006**, 348, 359-66	3.4	28
190	Down-regulated NPY receptor subtype-5 mRNA expression in genetically obese mouse brain. *NeuroReport*, **1998**, 9, 737-41	1.7	28
189	Gender differences measured by the MATRICS consensus cognitive battery in chronic schizophrenia patients. *Scientific Reports*, **2017**, 7, 11821	4.9	27
188	Human intermediate reticular zone: a cyto- and chemoarchitectonic study. *Journal of Comparative Neurology*, **1995**, 360, 571-88	3.4	27
187	The gut microbiota promotes the pathogenesis of schizophrenia via multiple pathways. *Biochemical and Biophysical Research Communications*, **2019**, 512, 373-380	3.4	26
186	Dyslipidemia awareness, treatment, control and influence factors among adults in the Jilin province in China: a cross-sectional study. *Lipids in Health and Disease*, **2014**, 13, 122	4.4	26
185	Probe Sensor Using Nanostructured Multi-Walled Carbon Nanotube Yarn for Selective and Sensitive Detection of Dopamine. *Sensors*, **2017**, 17,	3.8	26
184	Altered IL-2, IL-6 and IL-8 serum levels in schizophrenia patients with tardive dyskinesia. *Schizophrenia Research*, **2015**, 162, 261-8	3.6	26
183	Effects of olanzapine on the elevation of macrophage infiltration and pro-inflammatory cytokine expression in female rats. *Journal of Psychopharmacology*, **2014**, 28, 1161-9	4.6	26
182	Olanzapine treatment decreases the density of muscarinic M2 receptors in the dorsal vagal complex of rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2007**, 31, 915-20	5.5	26
181	Bardoxolone methyl prevents insulin resistance and the development of hepatic steatosis in mice fed a high-fat diet. *Molecular and Cellular Endocrinology*, **2015**, 412, 36-43	4.4	25
180	The effects of antipsychotic drugs administration on 5-HT1A receptor expression in the limbic system of the rat brain. *Neuroscience*, **2009**, 164, 1754-63	3.9	25
179	Effects of antipsychotic medication on muscarinic M1 receptor mRNA expression in the rat brain. *Journal of Neuroscience Research*, **2008**, 86, 457-64	4.4	25
178	Time-dependent changes and potential mechanisms of glucose-lipid metabolic disorders associated with chronic clozapine or olanzapine treatment in rats. *Scientific Reports*, **2017**, 7, 2762	4.9	24
177	Altered dopamine receptor and dopamine transporter binding and tyrosine hydroxylase mRNA expression following perinatal NMDA receptor blockade. *Neurochemical Research*, **2008**, 33, 1224-31	4.6	24
176	Effect of chronic treatment with clozapine and haloperidol on 5-HT(2A and 2C) receptor mRNA expression in the rat brain. *Neuroscience Research*, **2007**, 59, 314-21	2.9	24
175	Decreased plasma peptide YY accompanied by elevated peptide YY and Y2 receptor binding densities in the medulla oblongata of diet-induced obese mice. *Endocrinology*, **2007**, 148, 4704-10	4.8	23
174	Smoking and Serum Lipid Profiles in Schizophrenia. *Neuroscience Bulletin*, **2016**, 32, 383-8	4.3	23

173	Metabotropic glutamate receptor 5, and its trafficking molecules Norbin and Tamalin, are increased in the CA1 hippocampal region of subjects with schizophrenia. *Schizophrenia Research*, **2015**, 166, 212-8	3.6	22
172	Effects of olanzapine and betahistine co-treatment on serotonin transporter, 5-HT2A and dopamine D2 receptor binding density. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2013**, 47, 62-8	5.5	22
171	Are there different neural mechanisms responsible for three stages of weight gain development in anti-psychotic therapy: temporally based hypothesis. *Asian Journal of Psychiatry*, **2012**, 5, 315-8	6.7	22
170	Density of metabotropic glutamate receptors 2 and 3 (mGluR2/3) in the dorsolateral prefrontal cortex does not differ with schizophrenia diagnosis but decreases with age. *Schizophrenia Research*, **2011**, 128, 56-60	3.6	22
169	Dietary Shiitake Mushroom (Lentinus edodes) Prevents Fat Deposition and Lowers Triglyceride in Rats Fed a High-Fat Diet. *Journal of Obesity*, **2011**, 2011, 258051	3.7	22
168	Differential expression of hypothalamic CART mRNA in response to body weight change following different dietary interventions. *Neurochemistry International*, **2008**, 52, 1422-30	4.4	22
167	Electrical Stimulation with a Conductive Polymer Promotes Neurite Outgrowth and Synaptogenesis in Primary Cortical Neurons in 3D. *Scientific Reports*, **2018**, 8, 9855	4.9	22
166	Current views on neuropeptide Y and diabetes-related atherosclerosis. *Diabetes and Vascular Disease Research*, **2017**, 14, 277-284	3.3	21
165	Electrical Stimulation Using Conductive Polymer Polypyrrole Counters Reduced Neurite Outgrowth of Primary Prefrontal Cortical Neurons from NRG1-KO and DISC1-LI Mice. *Scientific Reports*, **2017**, 7, 42525	4.9	21
164	Effects of antipsychotic drugs on neurites relevant to schizophrenia treatment. *Medicinal Research Reviews*, **2019**, 39, 386-403	14.4	21
163	Preimplantation Exposure to Bisphenol A and Triclosan May Lead to Implantation Failure in Humans. *BioMed Research International*, **2015**, 2015, 184845	3	21
162	Protective effect of the orientin on noise-induced cognitive impairments in mice. *Behavioural Brain Research*, **2016**, 296, 290-300	3.4	20
161	Unique Effects of Acute Aripiprazole Treatment on the Dopamine D2 Receptor Downstream cAMP-PKA and Akt-GSK3β Signalling Pathways in Rats. *PLoS ONE*, **2015**, 10, e0132722	3.7	20
160	A splicing-regulatory polymorphism in DRD2 disrupts ZRANB2 binding, impairs cognitive functioning and increases risk for schizophrenia in six Han Chinese samples. *Molecular Psychiatry*, **2016**, 21, 975-82	15.1	19
159	Gender differences in cognitive deficits in schizophrenia with and without diabetes. *Comprehensive Psychiatry*, **2015**, 63, 1-9	7.3	19
158	Luteolin, a natural flavonoid, inhibits methylglyoxal induced apoptosis via the mTOR/4E-BP1 signaling pathway. *Scientific Reports*, **2017**, 7, 7877	4.9	19
157	Neurodevelopmental Expression Profile of Dimeric and Monomeric Group 1 mGluRs: Relevance to Schizophrenia Pathogenesis and Treatment. *Scientific Reports*, **2016**, 6, 34391	4.9	19
156	Bardoxolone methyl prevents fat deposition and inflammation in the visceral fat of mice fed a high-fat diet. *Chemico-Biological Interactions*, **2015**, 229, 1-8	5	19

155	AM 251 and beta-Funaltrexamine reduce fat intake in a fat-preferring strain of mouse. *Behavioural Brain Research*, **2007**, 181, 153-7	3.4	19
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153	Liraglutide prevents metabolic side-effects and improves recognition and working memory during antipsychotic treatment in rats. *Journal of Psychopharmacology*, **2018**, 32, 578-590	4.6	18
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31	Lentinan Supplementation Protects the Gut-Liver Axis and Prevents Steatohepatitis: The Role of Gut Microbiota Involved.. *Frontiers in Nutrition*, **2021**, 8, 803691	6.2	2
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24	Is B-type natriuretic peptide a risk factor for heart failure in patients treated with bardoxolone methyl?. *Journal of Cardiac Failure*, **2015**, 21, 258-9	3.3	1
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17	Dietary Fat and Carbohydrate Composition. *Frontiers in Neuroscience*, **2009**, 533-560		1
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15	Data on the bipolar electroactive conducting polymers for wireless cell stimulation. *Data in Brief*, **2020**, 33, 106406	1.2	1
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13	Olanzapine Induces Inflammation and Immune Response via Activating ER Stress in the Rat Prefrontal Cortex. *Current Medical Science*, **2021**, 41, 788-802	2.8	1
12	Three Different Types of Glucans Enhance Cognition: The Role of the Gut-Brain Axis.. *Frontiers in Nutrition*, **2022**, 9, 848930	6.2	1

List of Publications

11	N-Methyl-d-Aspartate receptor and inflammation in dorsolateral prefrontal cortex in schizophrenia.. *Schizophrenia Research*, **2021**, 240, 61-70	3.6	0
10	High-Dose Betahistine Improves Cognitive Function in Patients With Schizophrenia: A Randomized Double-Blind Placebo-Controlled Trial. *Frontiers in Psychiatry*, **2021**, 12, 762656	5	0
9	Defect-Rich La2O3 Nanoparticles with Antioxidant Activity for Human Keratinocytes. *ACS Applied Nano Materials*, **2021**, 4, 6345-6356	5.6	0
8	Theranostic two-dimensional superparamagnetic maghemite quantum structures for ROS-mediated cancer therapy. *Journal of Materials Chemistry B*, **2021**, 9, 5805-5817	7.3	0
7	Gold nanoclusters eliminate obesity induced by antipsychotics.. *Scientific Reports*, **2022**, 12, 5502	4.9	0
6	Enhanced wireless cell stimulation using soft and improved bipolar electroactive conducting polymer templates. *Applied Materials Today*, **2022**, 27, 101481	6.6	0
5	nThe effect of serum lipids and short-chain fatty acids on cognitive functioning in drug-naïve, first episode schizophrenia patients.. *Psychiatry Research*, **2022**, 313, 114582	9.9	0
4	Comment on "effects of adipocyte-secreted factors on cell cycle progression in HT29 cells" published by Eur J Nutr. *European Journal of Nutrition*, **2009**, 48, 505	5.2	
3	Obesity is a major factor for colon cancer prognosis - a comment on Mehrkhani et al., Prognostic factors in survival of colorectal cancer patients after surgeryQ*Colorectal Disease*, **2009**, 11, 538-9	2.1	
2	Obesity and pancreatic cancer: possible role of the PI3K/Akt pathway. *Surgery*, **2010**, 147, 596	3.6	
1	Comment on: Dietary flavonoids suppress azoxymethane-induced colonic preneoplastic lesions in male C57BL/Ksj-db/db mice. *Chemico-Biological Interactions*, **2010**, 185, 78; author reply 79-80	5	