

Omar Cauli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150 papers	4,216 citations	37 h-index	58 g-index
171 ext. papers	5,012 ext. citations	4.2 avg, IF	5.8 L-index

#	Paper	IF	Citations
150	Plasma Aromatase Activity Index, Gonadotropins and Estrone Are Associated with Frailty Syndrome in Post-Menopausal Women with Breast Cancer.. <i>Current Oncology</i> , 2022 , 29, 1744-1760	2.8	0
149	Effectiveness of cognitive behavioral therapy-based interventions on psychological symptoms in adults with type 2 diabetes mellitus: An update review of randomized controlled trials.. <i>Journal of Diabetes and Its Complications</i> , 2022 , 108185	3.2	0
148	Prenatal exposure to phthalates and its effects upon cognitive and motor functions: A systematic review. <i>Toxicology</i> , 2021 , 463, 152980	4.4	0
147	Differences and Similarities in Neuropathy in Type 1 and 2 Diabetes: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	4
146	Changes in Salivary Amylase and Glucose in Diabetes: A Scoping Review. <i>Diagnostics</i> , 2021 , 11,	3.8	5
145	Analysis of Brain Functions in Men with Prostate Cancer under Androgen Deprivation Therapy: A One-Year Longitudinal Study. <i>Life</i> , 2021 , 11,	3	2
144	Oxidative Stress and Cognitive Alterations Induced by Cancer Chemotherapy Drugs: A Scoping Review. <i>Antioxidants</i> , 2021 , 10,	7.1	7
143	Therapeutic potential of alkaloids in autoimmune diseases: Promising candidates for clinical trials. <i>Phytotherapy Research</i> , 2021 , 35, 50-62	6.7	2
142	Weight Loss and Improvement of Metabolic Alterations in Overweight and Obese Children Through the IAO Family Program: A Randomized Controlled Clinical Trial. <i>Biological Research for Nursing</i> , 2021 , 23, 488-503	2.6	1
141	Chemotherapy-Induced Neuropathy and Diabetes: A Scoping Review. <i>Current Oncology</i> , 2021 , 28, 3124-3188	3.1	1
140	Cognitive Functions under Anti-HER2 Targeted Therapy in Cancer Patients: A Scoping Review. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021 , 21, 1163-1170	2.2	1
139	Hair Cortisol Concentration as a Biomarker of Sleep Quality and Related Disorders. <i>Life</i> , 2021 , 11,	3	4
138	Mechanical Plantar Foot Stimulation in Parkinson's Disease: A Scoping Review. <i>Diseases (Basel, Switzerland)</i> , 2020 , 8,	4.4	2
137	Interleukin-6 and Lymphocyte Count Associated and Predicted the Progression of Frailty Syndrome in Prostate Cancer Patients Undergoing Antiandrogen Therapy. <i>Cancers</i> , 2020 , 12,	6.6	2
136	Therapeutic Plasmapheresis with Albumin Replacement in Alzheimer's Disease and Chronic Progressive Multiple Sclerosis: A Review. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	3
135	Resveratrol in Autism Spectrum Disorders: Behavioral and Molecular Effects. <i>Antioxidants</i> , 2020 , 9,	7.1	7
134	Beneficial Effect of Foot Plantar Stimulation in Gait Parameters in Individuals with Parkinson's Disease. <i>Brain Sciences</i> , 2020 , 10,	3.4	15

133	The Present and the Future of Occupational Therapy 2020 , 145-167		0
132	Neurotransmitters and Behavioral Alterations Induced by Nickel Exposure. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 985-991	2.2	1
131	Peripheral Oxidative Stress Markers in Patients with Bipolar Disorder during Euthymia and in Siblings. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 77-86	2.2	5
130	Quality of Life in Individuals with Diabetic Foot Syndrome. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1365-1372	2.2	16
129	The Association between Peripheral Blood Cells and the Frailty Syndrome in Patients with Cardiovascular Diseases. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1419-1433	2.2	2
128	Circadian rhythm and concentration of melatonin in breast cancer patients. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 ,	2.2	3
127	Effects of Probiotics in the Management of Infected Chronic Wounds: From Cell Culture to Human Studies. <i>Current Clinical Pharmacology</i> , 2020 , 15, 193-206	2.5	1
126	Sleep quality and its association with substance abuse among university students. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 188, 105591	2	11
125	Delay in the Diagnosis of Breast and Colorectal Cancer in People With Severe Mental Disorders. <i>Cancer Nursing</i> , 2020 , 43, E356-E362	2.6	1
124	Salivary Stress/Immunological Markers in Crohn's Disease and Ulcerative Colitis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
123	Omega-3 Long-Chain Polyunsaturated Fatty Acids Intake in Children: The Role of Family-Related Social Determinants. <i>Nutrients</i> , 2020 , 12,	6.7	3
122	Respiratory Muscle Strengths and Their Association with Lean Mass and Handgrip Strengths in Older Institutionalized Individuals. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
121	Kaempferol as a Dietary Anti-Inflammatory Agent: Current Therapeutic Standing. <i>Molecules</i> , 2020 , 25,	4.8	66
120	The Association between Cognitive Impairment and Diabetic Foot Care: Role of Neuropathy and Glycated Hemoglobin.. <i>Pathophysiology</i> , 2020 , 27, 14-27	1.8	2
119	Effects of Leucine Administration in Sarcopenia: A Randomized and Placebo-controlled Clinical Trial. <i>Nutrients</i> , 2020 , 12,	6.7	19
118	Frailty syndrome is associated with changes in peripheral inflammatory markers in prostate cancer patients undergoing androgen deprivation therapy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019 , 37, 976-987	2.8	4
117	Alcohol and Cannabis Intake in Nursing Students. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	3
116	First Case Report of Primary Carnitine Deficiency Manifested as Intellectual Disability and Autism Spectrum Disorder. <i>Brain Sciences</i> , 2019 , 9,	3.4	7

115	Omega-3 Long-Chain Polyunsaturated Fatty Acids Intake in Children with Attention Deficit and Hyperactivity Disorder. <i>Brain Sciences</i> , 2019 , 9,	3.4	12
114	Relationship between mobility and cognitive impairment in patients with Alzheimer's disease. <i>Clinical Neurology and Neurosurgery</i> , 2019 , 179, 23-29	2	5
113	Quality of Life in People with Coeliac Disease: Psychological and Socio- Economic Aspects. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019 , 19, 116-120	2.2	8
112	Beneficial Effects of Leucine Supplementation on Criteria for Sarcopenia: A Systematic Review. <i>Nutrients</i> , 2019 , 11,	6.7	30
111	Decrease in Serum Vitamin D Level of Older Patients with Fatigue. <i>Nutrients</i> , 2019 , 11,	6.7	11
110	Neuro-Psychiatric Alterations in Patients with Diabetic Foot Syndrome. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 598-608	2.6	16
109	Analysis of Functional and Cognitive Impairment in Institutionalized Individuals with Movement Disorders. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019 , 19, 1022-1031	2.2	4
108	Changes in Chemokines and Chemokine Receptors Expression in a Mouse Model of Alzheimer's Disease. <i>International Journal of Biological Sciences</i> , 2019 , 15, 453-463	11.2	15
107	Effects of L-Carnitine in Patients with Autism Spectrum Disorders: Review of Clinical Studies. <i>Molecules</i> , 2019 , 24,	4.8	11
106	Sleep assessment devices: types, market analysis, and a critical view on accuracy and validation. <i>Expert Review of Medical Devices</i> , 2019 , 16, 1041-1052	3.5	13
105	Alcohol and Drug Use in European University Health Science Students: Relationship with Self-Care Ability. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	9
104	Subjective neurocognition and quality of life in patients with bipolar disorder and siblings. <i>Journal of Affective Disorders</i> , 2019 , 245, 283-288	6.6	14
103	Skeletal alterations, developmental delay and new mutations in juvenile-onset Pompe disease. <i>Neuromuscular Disorders</i> , 2019 , 29, 192-197	2.9	6
102	Can a Prebiotic Formulation Reduce Frailty Levels in Older People?. <i>Journal of Frailty & Aging, the</i> , 2019 , 8, 48-52	2.6	21
101	Venlafaxine prevents morphine antinociceptive tolerance: The role of neuroinflammation and the l-arginine-nitric oxide pathway. <i>Experimental Neurology</i> , 2018 , 303, 134-141	5.7	22
100	Cognitive impairment associated with chronic lead exposure in adults. <i>Neurology Psychiatry and Brain Research</i> , 2018 , 30, 5-8	2.1	6
99	The Effect of Moderate- Versus High-Intensity Resistance Training on Systemic Redox State and DNA Damage in Healthy Older Women. <i>Biological Research for Nursing</i> , 2018 , 20, 205-217	2.6	12
98	Frailty and leucocyte count are predictors of all-cause mortality and hospitalization length in non-demented institutionalized older women. <i>Experimental Gerontology</i> , 2018 , 103, 80-86	4.5	6

97	Blood zinc levels and cognitive and functional evaluation in non-demented older patients. <i>Experimental Gerontology</i> , 2018 , 108, 28-34	4.5	9
96	Subjective and objective sleep quality in elderly individuals: The role of psychogeriatric evaluation. <i>Archives of Gerontology and Geriatrics</i> , 2018 , 76, 221-226	4	6
95	A survey on sleep questionnaires and diaries. <i>Sleep Medicine</i> , 2018 , 42, 90-96	4.6	60
94	Homocysteine Levels in Autism Spectrum Disorder: A Clinical Update. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018 , 18, 289-296	2.2	11
93	Changes in the Peripheral Endocannabinoid System as a Risk Factor for the Development of Eating Disorders. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018 , 18, 325-332	2.2	4
92	Non-pharmacological interventions in patients with spinal cord compression: a systematic review. <i>Journal of Neuro-Oncology</i> , 2018 , 136, 423-434	4.8	4
91	Febrile seizure and related syndromes. <i>Neurology Psychiatry and Brain Research</i> , 2018 , 27, 1-5	2.1	2
90	A survey on sleep assessment methods. <i>PeerJ</i> , 2018 , 6, e4849	3.1	110
89	Interventions aimed to increase independence and well-being in patients with Alzheimer's disease: Review of some interventions in the Italian context. <i>Neurology Psychiatry and Brain Research</i> , 2018 , 30, 137-143	2.1	1
88	Staging, Neurocognition and Social Functioning in Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2018 , 9, 709	5	12
87	Quality of life related to clinical features in patients with Rett syndrome and their parents: a systematic review. <i>Metabolic Brain Disease</i> , 2018 , 33, 1801-1810	3.9	9
86	The effect of probiotics as a treatment for constipation in elderly people: A systematic review. <i>Archives of Gerontology and Geriatrics</i> , 2017 , 71, 142-149	4	33
85	Clinical staging and serum cytokines in bipolar patients during euthymia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 77, 194-201	5.5	28
84	Research in Medical-Surgical Nursing. <i>Biological Research for Nursing</i> , 2017 , 19, 121-122	2.6	
83	Blood Infusion and the Risk of Haemorrhage in Patients Undergoing Cardiac Surgery with Extracorporeal Circulation. <i>Current Vascular Pharmacology</i> , 2017 , 15, 576-581	3.3	
82	Non-chemotherapy drug-induced agranulocytosis in a tertiary hospital. <i>Human and Experimental Toxicology</i> , 2016 , 35, 244-50	3.4	4
81	Relationship between adipic acid concentration and the core symptoms of autism spectrum disorders. <i>Psychiatry Research</i> , 2016 , 242, 39-45	9.9	7
80	Sleep Alterations in Non-demented Older Individuals: The Role of Cortisol. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2016 , 16, 174-180	2.2	5

79	Effect of a Prebiotic Formulation on Frailty Syndrome: A Randomized, Double-Blind Clinical Trial. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	91
78	Serum vitamin D and functional impairment in octogenarian women. <i>Applied Nursing Research</i> , 2016 , 30, e10-4	1.8	4
77	Autism and intellectual disability associated with mitochondrial disease and hyperlactacidemia. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 3870-84	6.3	18
76	Increased homocysteine levels correlate with the communication deficit in children with autism spectrum disorder. <i>Psychiatry Research</i> , 2015 , 229, 1031-7	9.9	25
75	Usefulness of Clinical Data and Biomarkers for the Identification of Frailty After Acute Coronary Syndromes. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 1462-8	3.8	34
74	Frailty syndrome and pre-operative risk evaluation: A systematic review. <i>Archives of Gerontology and Geriatrics</i> , 2015 , 61, 309-21	4	46
73	Brain-derived neurotrophic factor correlates with functional and cognitive impairment in non-disabled older individuals. <i>Experimental Gerontology</i> , 2015 , 72, 129-37	4.5	15
72	The relationship between depression and frailty syndrome: a systematic review. <i>Aging and Mental Health</i> , 2015 , 19, 762-72	3.5	112
71	Lead excretion in spanish children with autism spectrum disorder. <i>Brain Sciences</i> , 2015 , 5, 58-68	3.4	13
70	Pregnenolone sulfate restores the glutamate-nitric-oxide-cGMP pathway and extracellular GABA in cerebellum and learning and motor coordination in hyperammonemic rats. <i>ACS Chemical Neuroscience</i> , 2014 , 5, 100-5	5.7	37
69	Interleukin 6 and cognitive dysfunction. <i>Metabolic Brain Disease</i> , 2014 , 29, 593-608	3.9	49
68	Clinical features of prefrail older individuals and emerging peripheral biomarkers: a systematic review. <i>Archives of Gerontology and Geriatrics</i> , 2014 , 59, 7-17	4	59
67	Elevation of striatal urate in experimental models of Parkinson's disease: a compensatory mechanism triggered by dopaminergic nigrostriatal degeneration?. <i>Journal of Neurochemistry</i> , 2014 , 131, 284-9	6	9
66	Multiparametric magnetic resonance in the assessment of the gender differences in a high-grade glioma rat model. <i>EJNMMI Research</i> , 2014 , 4, 44	3.6	11
65	The value of neutrophil and lymphocyte count in frail older women. <i>Experimental Gerontology</i> , 2014 , 54, 35-41	4.5	36
64	Dopamine receptor 2 activation inhibits ovarian vascular endothelial growth factor secretion in vitro: implications for treatment of ovarian hyperstimulation syndrome with dopamine receptor 2 agonists. <i>Fertility and Sterility</i> , 2014 , 101, 1411-8	4.8	16
63	Cerebral oedema is not responsible for motor or cognitive deficits in rats with hepatic encephalopathy. <i>Liver International</i> , 2014 , 34, 379-87	7.9	23
62	Blocking NMDA receptors delays death in rats with acute liver failure by dual protective mechanisms in kidney and brain. <i>NeuroMolecular Medicine</i> , 2014 , 16, 360-75	4.6	15

61	Non invasive blood flow measurement in cerebellum detects minimal hepatic encephalopathy earlier than psychometric tests. <i>World Journal of Gastroenterology</i> , 2014 , 20, 11815-25	5.6	28
60	Chronic hyperammonemia, glutamatergic neurotransmission and neurological alterations. <i>Metabolic Brain Disease</i> , 2013 , 28, 151-4	3.9	26
59	Autism spectrum disorders associated to a deficiency of the enzymes of the mitochondrial respiratory chain. <i>Metabolic Brain Disease</i> , 2013 , 28, 605-12	3.9	22
58	Behavioral deficits induced by lead exposure are accompanied by serotonergic and cholinergic alterations in the prefrontal cortex. <i>Neurochemistry International</i> , 2013 , 62, 232-9	4.4	26
57	Gender differential effects of developmental exposure to methyl-mercury, polychlorinated biphenyls 126 or 153, or its combinations on motor activity and coordination. <i>Toxicology</i> , 2013 , 311, 61-8	4.4	25
56	Hyperammonemia alters the modulation by different neurosteroids of the glutamate-nitric oxide-cyclic GMP pathway through NMDA- GABAA - or sigma receptors in cerebellum in vivo. <i>Journal of Neurochemistry</i> , 2013 , 125, 133-43	6	14
55	Exploratory investigation on nitro- and phospho-proteome cerebellum changes in hyperammonemia and hepatic encephalopathy rat models. <i>Metabolic Brain Disease</i> , 2012 , 27, 37-49	3.9	3
54	Gender-dependent behavioural impairment and brain metabolites in young adult rats after short term exposure to lead acetate. <i>Toxicology Letters</i> , 2012 , 210, 15-23	4.4	16
53	Sildenafil citrate improves perinatal outcome in fetuses from pre-eclamptic rats. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012 , 119, 1394-402	3.7	54
52	Alteration of serotonin system by polychlorinated biphenyls exposure. <i>Neurochemistry International</i> , 2012 , 60, 809-16	4.4	17
51	An inhibitor of neuronal exocytosis (DD04107) displays long-lasting in vivo activity against chronic inflammatory and neuropathic pain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 341, 634-45	4.7	14
50	Brain region-selective mechanisms contribute to the progression of cerebral alterations in acute liver failure in rats. <i>Gastroenterology</i> , 2011 , 140, 638-45	13.3	50
49	3-nitro-tyrosine as a peripheral biomarker of minimal hepatic encephalopathy in patients with liver cirrhosis. <i>American Journal of Gastroenterology</i> , 2011 , 106, 1629-37	0.7	50
48	Differential long-term effects of developmental exposure to polychlorinated biphenyls 52, 138 or 180 on motor activity and neurotransmission. Gender dependence and mechanisms involved. <i>Neurochemistry International</i> , 2011 , 58, 69-77	4.4	38
47	Differential modulation of the glutamate-nitric oxide-cyclic GMP pathway by distinct neurosteroids in cerebellum in vivo. <i>Neuroscience</i> , 2011 , 190, 27-36	3.9	14
46	Haemodynamic effects of long-term administration of sildenafil in normotensive pregnant and non-pregnant rats. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011 , 118, 615-23	3.7	12
45	cGMP modulates stem cells differentiation to neurons in brain in vivo pathological implications. <i>BMC Pharmacology</i> , 2011 , 11,		1
44	Alterations of apparent diffusion coefficient (ADC) in the brain of rats chronically exposed to lead acetate. <i>Toxicology</i> , 2011 , 281, 1-6	4.4	4

43	p38 MAP kinase is a therapeutic target for hepatic encephalopathy in rats with portacaval shunts. <i>Gut</i> , 2011 , 60, 1572-9	19.2	49
42	Hyperammonemia induces neuroinflammation that contributes to cognitive impairment in rats with hepatic encephalopathy. <i>Gastroenterology</i> , 2010 , 139, 675-84	13.3	224
41	cGMP modulates stem cells differentiation to neurons in brain in vivo. <i>Neuroscience</i> , 2010 , 165, 1275-83	3.9	29
40	Developmental exposure to polychlorinated biphenyls 52, 138 or 180 affects differentially learning or motor coordination in adult rats. Mechanisms involved. <i>Neuroscience</i> , 2010 , 167, 994-1003	3.9	75
39	Treatment with sildenafil prevents impairment of learning in rats born to pre-eclamptic mothers. <i>Neuroscience</i> , 2010 , 171, 506-12	3.9	20
38	Cyclic GMP pathways in hepatic encephalopathy. Neurological and therapeutic implications. <i>Metabolic Brain Disease</i> , 2010 , 25, 39-48	3.9	32
37	Neuroinflammation contributes to hypokinesia in rats with hepatic encephalopathy: ibuprofen restores its motor activity. <i>Journal of Neuroscience Research</i> , 2009 , 87, 1369-74	4.4	55
36	Glutamatergic and gabaergic neurotransmission and neuronal circuits in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2009 , 24, 69-80	3.9	103
35	Motor alterations induced by chronic lead exposure. <i>Environmental Toxicology and Pharmacology</i> , 2009 , 27, 307-13	5.8	42
34	Role of NMDA receptors in acute liver failure and ammonia toxicity: therapeutical implications. <i>Neurochemistry International</i> , 2009 , 55, 113-8	4.4	48
33	Mechanisms of cognitive alterations in hyperammonemia and hepatic encephalopathy: therapeutical implications. <i>Neurochemistry International</i> , 2009 , 55, 106-12	4.4	49
32	Hyperammonemia increases GABAergic tone in the cerebellum but decreases it in the rat cortex. <i>Gastroenterology</i> , 2009 , 136, 1359-67, e1-2	13.3	88
31	Chronic hyperammonemia reduces the activity of neuronal nitric oxide synthase in cerebellum by altering its localization and increasing its phosphorylation by calcium-calmodulin kinase II. <i>Journal of Neurochemistry</i> , 2008 , 106, 1440-9	6	36
30	Developmental exposure to polychlorinated biphenyls or methylmercury, but not to its combination, impairs the glutamate-nitric oxide-cyclic GMP pathway and learning in 3-month-old rats. <i>Neuroscience</i> , 2008 , 154, 1408-16	3.9	43
29	Developmental exposure to polychlorinated biphenyls PCB153 or PCB126 impairs learning ability in young but not in adult rats. <i>European Journal of Neuroscience</i> , 2008 , 27, 177-82	3.5	50
28	Brain cholinergic impairment in liver failure. <i>Brain</i> , 2008 , 131, 2946-56	11.2	74
27	Acute liver failure-induced death of rats is delayed or prevented by blocking NMDA receptors in brain. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, G503-11	5.1	26
26	Inflammation and hepatic encephalopathy: ibuprofen restores learning ability in rats with portacaval shunts. <i>Hepatology</i> , 2007 , 46, 514-9	11.2	162

25	Intermittent ethanol exposure induces inflammatory brain damage and causes long-term behavioural alterations in adolescent rats. <i>European Journal of Neuroscience</i> , 2007 , 25, 541-50	3.5	281
24	Motor activity is modulated via different neuronal circuits in rats with chronic liver failure than in normal rats. <i>European Journal of Neuroscience</i> , 2007 , 25, 2112-22	3.5	32
23	Hyperammonaemia alters the mechanisms by which metabotropic glutamate receptors in nucleus accumbens modulate motor function. <i>Journal of Neurochemistry</i> , 2007 , 103, 38-46	6	27
22	Magnetic resonance analysis of the effects of acute ammonia intoxication on rat brain. Role of NMDA receptors. <i>Journal of Neurochemistry</i> , 2007 , 103, 1334-43	6	38
21	NMDA receptors in hyperammonemia and hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2007 , 22, 321-35	3.9	52
20	The function of the glutamate-nitric oxide-cGMP pathway in brain in vivo and learning ability decrease in parallel in mature compared with young rats. <i>Learning and Memory</i> , 2007 , 14, 254-8	2.8	32
19	Brain edema and inflammatory activation in bile duct ligated rats with diet-induced hyperammonemia: A model of hepatic encephalopathy in cirrhosis. <i>Hepatology</i> , 2006 , 43, 1257-66	11.2	122
18	Sensitization to caffeine and cross-sensitization to amphetamine: influence of individual response to caffeine. <i>Behavioural Brain Research</i> , 2006 , 172, 72-9	3.4	29
17	Hypolocomotion in rats with chronic liver failure is due to increased glutamate and activation of metabotropic glutamate receptors in substantia nigra. <i>Journal of Hepatology</i> , 2006 , 45, 654-61	13.4	43
16	Role of extracellular cGMP and of hyperammonemia in the impairment of learning in rats with chronic hepatic failure. Therapeutic implications. <i>Neurochemistry International</i> , 2006 , 48, 441-6	4.4	21
15	Pharmacological manipulation of cyclic GMP levels in brain restores learning ability in animal models of hepatic encephalopathy: therapeutic implications. <i>Neuropsychiatric Disease and Treatment</i> , 2006 , 2, 53-63	3.1	5
14	Caffeine and the dopaminergic system. <i>Behavioural Pharmacology</i> , 2005 , 16, 63-77	2.4	138
13	Subchronic intermittent caffeine administration to unilaterally 6-hydroxydopamine-lesioned rats sensitizes turning behaviour in response to dopamine D(1) but not D(2) receptor agonists. <i>Behavioural Pharmacology</i> , 2005 , 16, 621-6	2.4	6
12	Modulation of NMDA receptors in the cerebellum. 1. Properties of the NMDA receptor that modulate its function. <i>Cerebellum</i> , 2005 , 4, 154-61	4.3	48
11	Modulation of NMDA receptors in the cerebellum. II. Signaling pathways and physiological modulators regulating NMDA receptor function. <i>Cerebellum</i> , 2005 , 4, 162-70	4.3	30
10	Altered modulation of motor activity by group I metabotropic glutamate receptors in the nucleus accumbens in hyperammonemic rats. <i>Metabolic Brain Disease</i> , 2005 , 20, 347-58	3.9	8
9	Synthesis of new 2-arylamino-6-trifluoromethylpyridine-3-carboxylic acid derivatives and investigation of their analgesic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 4169-77	3.4	25
8	Sequential activation of soluble guanylate cyclase, protein kinase G and cGMP-degrading phosphodiesterase is necessary for proper induction of long-term potentiation in CA1 of hippocampus. Alterations in hyperammonemia. <i>Neurochemistry International</i> , 2004 , 45, 895-901	4.4	33

7	Subchronic caffeine exposure induces sensitization to caffeine and cross-sensitization to amphetamine ipsilateral turning behavior independent from dopamine release. <i>Neuropsychopharmacology</i> , 2003 , 28, 1752-9	8.7	42
6	Synthesis of ibuprofen heterocyclic amides and investigation of their analgesic and toxicological properties. <i>European Journal of Medicinal Chemistry</i> , 2003 , 38, 513-8	6.8	53
5	Chronic hyperammonemia alters motor and neurochemical responses to activation of group I metabotropic glutamate receptors in the nucleus accumbens in rats in vivo. <i>Neurobiology of Disease</i> , 2003 , 14, 380-90	7.5	41
4	Memantine presents different effects from MK-801 in motivational and physical signs of morphine withdrawal. <i>Behavioural Brain Research</i> , 2003 , 144, 25-35	3.4	35
3	Subchronic caffeine administration sensitizes rats to the motor-activating effects of dopamine D(1) and D(2) receptor agonists. <i>Psychopharmacology</i> , 2002 , 162, 246-54	4.7	24
2	Differential regulation of GAD67, enkephalin and dynorphin mRNAs by chronic-intermittent L-dopa and A2A receptor blockade plus L-dopa in dopamine-denervated rats. <i>Synapse</i> , 2002 , 44, 166-74	2.4	57
1	Cross-sensitization between the motor activating effects of bromocriptine and caffeine: role of adenosine A(2A) receptors. <i>Behavioural Brain Research</i> , 2000 , 114, 97-105	3.4	23