

Ilse J Smolders

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Unraveling the Effects of GSK-3 β Isoform Modulation against Limbic Seizures and in the 6 Hz Electrical Kindling Model for Epileptogenesis. <i>ACS Chemical Neuroscience</i> , 2022, 13, 796-805.	1.7	0
2	Targeting the Ghrelin Receptor as a Novel Therapeutic Option for Epilepsy. <i>Biomedicines</i> , 2022, 10, 53.	1.4	6
3	Current Approaches to Monitor Macromolecules Directly from the Cerebral Interstitial Fluid. <i>Pharmaceutics</i> , 2022, 14, 1051.	2.0	7
4	Higher susceptibility to 6 Hz corneal kindling and lower responsiveness to antiseizure drugs in mouse models of Alzheimer's disease. <i>Epilepsia</i> , 2022, 63, 2703-2715.	2.6	11
5	Melatonin levels in the Alzheimer's disease continuum: a systematic review. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 52.	3.0	37
6	Effects of repeated anodal transcranial direct current stimulation on auditory fear extinction in C57BL/6J mice. <i>Brain Stimulation</i> , 2021, 14, 250-260.	0.7	6
7	Translational potential of the ghrelin receptor agonist macimorelin for seizure suppression in pharmacoresistant epilepsy. <i>European Journal of Neurology</i> , 2021, 28, 3100-3112.	1.7	8
8	Applicability of cerebral open flow microperfusion and microdialysis to quantify a brain-penetrating nanobody in mice. <i>Analytica Chimica Acta</i> , 2021, 1178, 338803.	2.6	13
9	Side-by-side comparison of the effects of Gq- and Gi-DREADD-mediated astrocyte modulation on intracellular calcium dynamics and synaptic plasticity in the hippocampal CA1. <i>Molecular Brain</i> , 2021, 14, 144.	1.3	26
10	Exploring Refinement Strategies for Single Housing of Male C57BL/6J Mice: Effect of Cage Divider on Stress-Related Behavior and Hypothalamic-Pituitary-Adrenal-Axis Activity. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 743959.	1.0	11
11	A comparative study of UniSpray and electrospray sources for the ionization of neuropeptides in liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1628, 461462.	1.8	6
12	Astrocytic Connexin43 Channels as Candidate Targets in Epilepsy Treatment. <i>Biomolecules</i> , 2020, 10, 1578.	1.8	27
13	LifeTime and improving European healthcare through cell-based interceptive medicine. <i>Nature</i> , 2020, 587, 377-386.	13.7	108
14	3xTg Alzheimer's disease mice are more susceptible to induced seizures. <i>Alzheimer's and Dementia</i> , 2020, 16, e044096.	0.4	1
15	CE-MS metabolic profiling of volume-restricted plasma samples from an acute mouse model for epileptic seizures to discover potentially involved metabolomic features. <i>Talanta</i> , 2020, 217, 121107.	2.9	10
16	Role of the GLUT1 Glucose Transporter in Postnatal CNS Angiogenesis and Blood-Brain Barrier Integrity. <i>Circulation Research</i> , 2020, 127, 466-482.	2.0	103
17	Effects of neuromedin U-8 on stress responsiveness and hypothalamus-pituitary-adrenal axis activity in male C57BL/6J mice. <i>Hormones and Behavior</i> , 2020, 121, 104666.	1.0	7
18	Effects of ghrelin receptor activation on forebrain dopamine release, conditioned fear and fear extinction in C57BL/6J mice. <i>Journal of Neurochemistry</i> , 2020, 154, 389-403.	2.1	8

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19	Angiotensin-II-mediated AT1 receptor stimulation increases glutamate release within the rostral ventrolateral medulla of normotensive rats. <i>Hypertension Research</i> , 2020, 43, 848-850.	1.5	1
20	Neuromedin U and Structural Analogs: An Overview of their Structure, Function and Selectivity. <i>Current Medicinal Chemistry</i> , 2020, 27, 6744-6768.	1.2	7
21	The Barnes Maze Task Reveals Specific Impairment of Spatial Learning Strategy in the Intrahippocampal Kainic Acid Model for Temporal Lobe Epilepsy. <i>Neurochemical Research</i> , 2019, 44, 600-608.	1.6	29
22	Differential Effects of a Full and Biased Ghrelin Receptor Agonist in a Mouse Kindling Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2480.	1.8	9
23	Investigation of the Role of AT2 Receptors in the Nucleus Tractus Solitarii of Normotensive Rats in Blood Pressure Control. <i>Frontiers in Neuroscience</i> , 2019, 13, 589.	1.4	6
24	AT1 Receptor Mediated Hypertensive Response to Ang II in the Nucleus Tractus Solitarii of Normotensive Rats Involves NO Dependent Local GABA Release. <i>Frontiers in Pharmacology</i> , 2019, 10, 460.	1.6	11
25	Anticonvulsant and antiepileptogenic effects of system xc ⁻ inactivation in chronic epilepsy models. <i>Epilepsia</i> , 2019, 60, 1412-1423.	2.6	20
26	Genetic and pharmacological manipulation of glial glutamate transporters does not alter infection-induced seizure activity. <i>Experimental Neurology</i> , 2019, 318, 50-60.	2.0	10
27	Assessing mixtures of supercharging agents to increase the abundance of a specific charge state of Neuromedin U. <i>Talanta</i> , 2019, 198, 206-214.	2.9	6
28	Identification of GSK-3 as a Potential Therapeutic Entry Point for Epilepsy. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1992-2003.	1.7	36
29	Slc7a11 (xCT) protein expression is not altered in the depressed brain and system xc ⁻ deficiency does not affect depression-associated behaviour in the corticosterone mouse model. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 381-392.	1.3	6
30	Inhibition of astroglial connexin43 hemichannels with TAT ⁺ GAP19 exerts anticonvulsant effects in rodents. <i>Glia</i> , 2018, 66, 1788-1804.	2.5	50
31	Synthesis and <i>In Vitro</i> Evaluation of Stabilized and Selective Neuromedin U-1 Receptor Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 496-501.	1.3	9
32	Genetic deletion of xCT attenuates peripheral and central inflammation and mitigates LPS-induced sickness and depressive-like behavior in mice. <i>Glia</i> , 2018, 66, 1845-1861.	2.5	27
33	Development of potent and proteolytically stable human neuromedin U receptor agonists. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 887-897.	2.6	13
34	Surface and Solvent Dependent Adsorption of Three Neuromedin-Like Peptides in Glass and Plastic Syringes. <i>Chromatographia</i> , 2018, 81, 65-72.	0.7	6
35	6ÂHz corneal kindling in mice triggers neurobehavioral comorbidities accompanied by relevant changes in Fos immunoreactivity throughout the brain. <i>Epilepsia</i> , 2018, 59, 67-78.	2.6	26
36	5-HTR2A and 5-HTR3A but not 5-HTR1A antagonism impairs the cross-modal reactivation of deprived visual cortex in adulthood. <i>Molecular Brain</i> , 2018, 11, 65.	1.3	14

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37	A companion to the preclinical common data elements for pharmacologic studies in animal models of seizures and epilepsy. A Report of the <scp>TASK</scp>3 Pharmacology Working Group of the <scp>ILAE</scp>/<scp>AES</scp> Joint Translational Task Force. <i>Epilepsia Open</i> , 2018, 3, 53-68.	1.3	30
38	Astroglial CB1 Receptors Determine Synaptic D-Serine Availability to Enable Recognition Memory. <i>Neuron</i> , 2018, 98, 935-944.e5.	3.8	170
39	GABAergic Signaling Mediates Central Cardiovascular Angiotensin II Type 2 Receptor Effects. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 605-606.	3.1	4
40	Chloride ions stabilize the glutamate-induced active state of the metabotropic glutamate receptor 3. <i>Neuropharmacology</i> , 2018, 140, 275-286.	2.0	26
41	Sensitive targeted methods for brain metabolomic studies in microdialysis samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 192-205.	1.4	16
42	Cerebral Cortical Circuitry Formation Requires Functional Glycine Receptors. <i>Cerebral Cortex</i> , 2017, 27, bhw025.	1.6	26
43	Zonisamide attenuates lactacystin-induced parkinsonism in mice without affecting system xcâ ⁺ . <i>Experimental Neurology</i> , 2017, 290, 15-28.	2.0	10
44	<i>In-vitro</i> and <i>in-vivo</i> evaluation of the modulatory effects of the multitarget compound ASS234 on the monoaminergic system. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 314-324.	1.2	11
45	LC-method development for the quantification of neuromedin-like peptides. Emphasis on column choice and mobile phase composition. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 137, 104-112.	1.4	6
46	Glutamate released in the preoptic area during sexual behavior controls local estrogen synthesis in male quail. <i>Psychoneuroendocrinology</i> , 2017, 79, 49-58.	1.3	18
47	Accelerated high-frequency repetitive transcranial magnetic stimulation enhances motor activity in rats. <i>Neuroscience</i> , 2017, 347, 103-110.	1.1	19
48	Selective changes in locomotor activity in mice due to low-intensity microwaves amplitude modulated in the EEG spectral domain. <i>Neuroscience</i> , 2017, 359, 40-48.	1.1	3
49	Pharmacological Analysis of the Anti-epileptic Mechanisms of Fenfluramine in scn1a Mutant Zebrafish. <i>Frontiers in Pharmacology</i> , 2017, 8, 191.	1.6	96
50	Caloric Restriction Protects against Lactacystin-Induced Degeneration of Dopamine Neurons Independent of the Ghrelin Receptor. <i>International Journal of Molecular Sciences</i> , 2017, 18, 558.	1.8	7
51	Hypotensive Response to Angiotensin II Type 2 Receptor Stimulation in the Rostral Ventrolateral Medulla Requires Functional GABA-A Receptors. <i>Frontiers in Neuroscience</i> , 2017, 11, 346.	1.4	12
52	Inhibition of Connexin43 Hemichannels Impairs Spatial Short-Term Memory without Affecting Spatial Working Memory. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 288.	1.8	48
53	Monoaminergic Mechanisms in Epilepsy May Offer Innovative Therapeutic Opportunity for Monoaminergic Multi-Target Drugs. <i>Frontiers in Neuroscience</i> , 2016, 10, 492.	1.4	62
54	Monoaminergic and Histaminergic Strategies and Treatments in Brain Diseases. <i>Frontiers in Neuroscience</i> , 2016, 10, 541.	1.4	46

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55	Running Opposes the Effects of Social Isolation on Synaptic Plasticity and Transmission in a Rat Model of Depression. PLoS ONE, 2016, 11, e0165071.	1.1	20
56	Disruption of the HPA-axis through corticosterone-release pellets induces robust depressive-like behavior and reduced BDNF levels in mice. Neuroscience Letters, 2016, 626, 119-125.	1.0	30
57	Blood-brain barrier transport kinetics of the neuromedin peptides NMU, NMN, NMB and NT. Neuropharmacology, 2016, 107, 460-470.	2.0	21
58	Anticonvulsant effect of a ghrelin receptor agonist in 6Hz corneally kindled mice. Epilepsia, 2016, 57, e195-9.	2.6	13
59	Challenges for the <i>in vivo</i> quantification of brain neuropeptides using microdialysis sampling and LC-MS. Bioanalysis, 2016, 8, 1965-1985.	0.6	13
60	Comparative analysis of antibodies to xCT (Slc7a11): Forewarned is forearmed. Journal of Comparative Neurology, 2016, 524, 1015-1032.	0.9	34
61	An improved microbore UHPLC method with electrochemical detection for the simultaneous determination of low monoamine levels in <i>in vivo</i> brain microdialysis samples. Journal of Pharmaceutical and Biomedical Analysis, 2016, 127, 136-146.	1.4	22
62	In-depth behavioral characterization of the corticosterone mouse model and the critical involvement of housing conditions. Physiology and Behavior, 2016, 156, 199-207.	1.0	29
63	Serotonergic Modulation as Effective Treatment for Dravet Syndrome in a Zebrafish Mutant Model. ACS Chemical Neuroscience, 2016, 7, 588-598.	1.7	86
64	Higher-Density Culture in Human Embryonic Stem Cells Results in DNA Damage and Genome Instability. Stem Cell Reports, 2016, 6, 330-341.	2.3	72
65	Nigral proteasome inhibition in mice leads to motor and non-motor deficits and increased expression of Ser129 phosphorylated α -synuclein. Frontiers in Behavioral Neuroscience, 2015, 9, 68.	1.0	41
66	Des-acyl ghrelin attenuates pilocarpine-induced limbic seizures via the ghrelin receptor and not the orexin pathway. Neuropeptides, 2015, 51, 1-7.	0.9	17
67	Trans-Modulation of the Somatostatin Type 2A Receptor Trafficking by Insulin-Regulated Aminopeptidase Decreases Limbic Seizures. Journal of Neuroscience, 2015, 35, 11960-11975.	1.7	16
68	Altered vesicular glutamate transporter expression in human temporal lobe epilepsy with hippocampal sclerosis. Neuroscience Letters, 2015, 590, 184-188.	1.0	26
69	Neuropeptide FF and prolactin-releasing peptide decrease cortical excitability through activation of NPFF receptors. Epilepsia, 2015, 56, 489-498.	2.6	4
70	Absence of system xc ⁻ in mice decreases anxiety and depressive-like behavior without affecting sensorimotor function or spatial vision. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 59, 49-58.	2.5	28
71	Reassessment of the antioxidative mixture for the challenging electrochemical determination of dopamine, noradrenaline and serotonin in microdialysis samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 998-999, 63-71.	1.2	18
72	An ultrasensitive nano UHPLC-ESI-MS/MS method for the quantification of three neuromedin-like peptides in microdialysates. Bioanalysis, 2015, 7, 605-619.	0.6	16

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73	Alterations in the motor cortical and striatal glutamatergic system and d-serine levels in the bilateral 6-hydroxydopamine rat model for Parkinson's disease. <i>Neurochemistry International</i> , 2015, 88, 88-96.	1.9	24
74	Hypotensive and sympathoinhibitory responses to selective central AT2 receptor stimulation in spontaneously hypertensive rats. <i>Clinical Science</i> , 2015, 129, 81-92.	1.8	33
75	Effects of AT1 receptor antagonism on kainate-induced seizures and concomitant changes in hippocampal extracellular noradrenaline, serotonin, and dopamine levels in Wistar-Kyoto and spontaneously hypertensive rats. <i>Epilepsy and Behavior</i> , 2015, 46, 66-71.	0.9	26
76	Cross-species pharmacological characterization of the allylglycine seizure model in mice and larval zebrafish. <i>Epilepsy and Behavior</i> , 2015, 45, 53-63.	0.9	41
77	Validation of the 6Hz refractory seizure mouse model for intracerebroventricularly administered compounds. <i>Epilepsy Research</i> , 2015, 115, 67-72.	0.8	23
78	Neuropeptide FF receptors as novel targets for limbic seizure attenuation. <i>Neuropharmacology</i> , 2015, 95, 415-423.	2.0	4
79	The Effect of Vagus Nerve Stimulation on CSF Monoamines and the PTZ Seizure Threshold in Dogs. <i>Brain Stimulation</i> , 2015, 8, 1-6.	0.7	28
80	Impaired Islet Function in Commonly Used Transgenic Mouse Lines due to Human Growth Hormone Minigene Expression. <i>Cell Metabolism</i> , 2014, 20, 979-990.	7.2	145
81	Phosphoinositide 3-Kinases Upregulate System x_{c-} and \hat{v} via Eukaryotic Initiation Factor 2 β and Activating Transcription Factor 4 β Pathway Active in Glioblastomas and Epilepsy. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2907-2922.	2.5	58
82	Role(s) of the 5-HT _{2C} Receptor in the Development of Maximal Dentate Activation in the Hippocampus of Anesthetized Rats. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 651-661.	1.9	37
83	Cortistatin β 4 Mediates its Anticonvulsant Effects Via sst ₂ and sst ₃ but Not Ghrelin Receptors. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 662-670.	1.9	11
84	Improved sensitivity of the nano ultra-high performance liquid chromatography-tandem mass spectrometric analysis of low-concentrated neuropeptides by reducing aspecific adsorption and optimizing the injection solvent. <i>Journal of Chromatography A</i> , 2014, 1360, 217-228.	1.8	42
85	Strategies to reduce aspecific adsorption of peptides and proteins in liquid chromatography-mass spectrometry based bioanalyses: An overview. <i>Journal of Chromatography A</i> , 2014, 1358, 1-13.	1.8	72
86	Rewarding, reinforcing and incentive salient events involve orexigenic hypothalamic neuropeptides regulating mesolimbic dopaminergic neurotransmission. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 57, 2-10.	1.9	32
87	NMDA receptor antagonism potentiates the l-DOPA-induced extracellular dopamine release in the subthalamic nucleus of hemi-parkinson rats. <i>Neuropharmacology</i> , 2014, 85, 198-205.	2.0	14
88	The Cystine/Glutamate Antiporter System x_{c-} in Health and Disease: From Molecular Mechanisms to Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 522-555.	2.5	689
89	Combination of group I mGlu receptors antagonist with dopaminergic agonists strengthens the synaptic transmission at corticostriatal synapses in culture. <i>Neuropharmacology</i> , 2013, 66, 151-157.	2.0	6
90	Antidepressant-like effects of oxytocin in mice are dependent on the presence of insulin-regulated aminopeptidase. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1153-1163.	1.0	11

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91	Angiotensin II Type 2 Receptor-Mediated and Nitric Oxide-Dependent Renal Vasodilator Response to Compound 21 Unmasked by Angiotensin-Converting Enzyme Inhibition in Spontaneously Hypertensive Rats In Vivo. <i>Hypertension</i> , 2013, 62, 920-926.	1.3	36
92	L-Theanine intake increases threshold for limbic seizures but decreases threshold for generalized seizures. <i>Nutritional Neuroscience</i> , 2013, 16, 78-82.	1.5	10
93	Validation of the Zebrafish Pentylenetetrazol Seizure Model: Locomotor versus Electrographic Responses to Antiepileptic Drugs. <i>PLoS ONE</i> , 2013, 8, e54166.	1.1	220
94	Are vesicular neurotransmitter transporters potential treatment targets for temporal lobe epilepsy?. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 139.	1.8	51
95	Intracerebral Microdialysis in the Study of Limbic Seizure Mechanisms and Antiepileptic Drug Action Using Freely Moving Rats. <i>NeuroMethods</i> , 2013, , 321-337.	0.2	0
96	Inactivation of the Constitutively Active Ghrelin Receptor Attenuates Limbic Seizure Activity in Rodents. <i>Neurotherapeutics</i> , 2012, 9, 658-672.	2.1	30
97	Neuropeptide Y increases in vivo hippocampal extracellular glutamate levels through Y1 receptor activation. <i>Neuroscience Letters</i> , 2012, 510, 143-147.	1.0	7
98	Ghrelin: An emerging new anticonvulsant neuropeptide. <i>Epilepsia</i> , 2012, 53, 585-595.	2.6	46
99	The antidepressants citalopram and reboxetine reduce seizure frequency in rats with chronic epilepsy. <i>Epilepsia</i> , 2012, 53, 870-878.	2.6	48
100	The absolute quantification of endogenous levels of brain neuropeptides <i>in vivo</i> using LC-MS/MS. <i>Bioanalysis</i> , 2011, 3, 1271-1285.	0.6	36
101	Assessment of the convulsant liability of antidepressants using zebrafish and mouse seizure models. <i>Epilepsy and Behavior</i> , 2011, 22, 450-460.	0.9	41
102	Rat hippocampal somatostatin sst3 and sst4 receptors mediate anticonvulsive effects <i>in vivo</i> : Indications of functional interactions with sst2 receptors. <i>Neuropharmacology</i> , 2011, 61, 1327-1333.	2.0	25
103	Region- and Age-Specific Changes in Glutamate Transport in the A β PP23 Mouse Model for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 287-300.	1.2	100
104	Increased hippocampal noradrenaline is a biomarker for efficacy of vagus nerve stimulation in a limbic seizure model. <i>Journal of Neurochemistry</i> , 2011, 117, 461-469.	2.1	208
105	Dopaminergic neurons of system x _c ⁻ deficient mice are highly protected against 6-hydroxydopamine-induced toxicity. <i>FASEB Journal</i> , 2011, 25, 1359-1369.	0.2	109
106	Pressor and Renal Hemodynamic Effects of the Novel Angiotensin A Peptide Are Angiotensin II Type 1A Receptor Dependent. <i>Hypertension</i> , 2011, 57, 956-964.	1.3	42
107	Loss of System x _c ⁻ Does Not Induce Oxidative Stress But Decreases Extracellular Glutamate in Hippocampus and Influences Spatial Working Memory and Limbic Seizure Susceptibility. <i>Journal of Neuroscience</i> , 2011, 31, 5792-5803.	1.7	158
108	Blood pressure and renal hemodynamic effects of angiotensin fragments. <i>Hypertension Research</i> , 2011, 34, 674-683.	1.5	30

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109	VEGF modulates NMDA receptors activity in cerebellar granule cells through Src-family kinases before synapse formation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13782-13787.	3.3	41
110	Hippocampal sst1 receptors are autoreceptors and do not affect seizures in rats. NeuroReport, 2010, 21, 254-258.	0.6	15
111	Renal vasoconstrictor and pressor responses to angiotensin IV in mice are AT1a-receptor mediated. Journal of Hypertension, 2010, 28, 487-494.	0.3	32
112	The control of kainic acid-induced status epilepticus. Epilepsy Research, 2010, 90, 164-166.	0.8	23
113	Involvement of the AT ₁ receptor subtype in the effects of angiotensin IV and LVV-haemorphin 7 on hippocampal neurotransmitter levels and spatial working memory. Journal of Neurochemistry, 2010, 112, 1223-1234.	2.1	21
114	Pharmacological and neurochemical characterization of the involvement of hippocampal adrenoreceptor subtypes in the modulation of acute limbic seizures. Journal of Neurochemistry, 2010, 115, 1595-1607.	2.1	21
115	Astrocytic β^2 -adrenergic receptors: From physiology to pathology. Progress in Neurobiology, 2010, 91, 189-199.	2.8	54
116	Revisiting the complex influences of cannabinoids on motor functions unravels pharmacodynamic differences between cannabinoid agonists. Neuropharmacology, 2010, 59, 503-510.	2.0	22
117	Prediction of antiepileptic drug efficacy: the use of intracerebral microdialysis to monitor biophase concentrations. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 1267-1277.	1.5	12
118	Validation of bioanalytical LC-MS/MS assays: Evaluation of matrix effects. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2198-2207.	1.2	653
119	Is Intrathecal lidocaine administration risk-free in rats with neuropathic pain? Reply to [Effects of intrathecal lidocaine on hyperalgesia and allodynia following chronic constriction injury in rats. Eur J Pain 13 (2009) 130-137]. European Journal of Pain, 2009, 13, 890-890.	1.4	0
120	Intrastrain differences in seizure susceptibility, pharmacological response and basal neurochemistry of Wistar rats. Epilepsy Research, 2009, 87, 234-246.	0.8	33
121	Angiotensin IV and LVV-haemorphin 7 enhance spatial working memory in rats: Effects on hippocampal glucose levels and blood flow. Neurobiology of Learning and Memory, 2009, 92, 19-26.	1.0	56
122	vGLUT2 heterozygous mice show more susceptibility to clonic seizures induced by pentylenetetrazol. Neurochemistry International, 2009, 55, 41-44.	1.9	25
123	Involvement of insulin-regulated aminopeptidase in the effects of the renin-angiotensin fragment angiotensin IV: a review. Heart Failure Reviews, 2008, 13, 321-337.	1.7	87
124	High-affinity Na ⁺ /K ⁺ -dependent glutamate transporter EAAT4 is expressed throughout the rat fore- and midbrain. Journal of Comparative Neurology, 2008, 511, 155-172.	0.9	51
125	Seizure activity and changes in hippocampal extracellular glutamate, GABA, dopamine and serotonin. Epilepsy Research, 2008, 78, 50-59.	0.8	106
126	Direct enhancement of hippocampal dopamine or serotonin levels as a pharmacodynamic measure of combined antidepressant-anticonvulsant action. Neuropharmacology, 2008, 54, 1017-1028.	2.0	76

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127	Quantitative liquid chromatography/mass spectrometry for the analysis of microdialysates. <i>Talanta</i> , 2008, 74, 458-469.	2.9	59
128	Ang II and Ang IV: Unraveling the Mechanism of Action on Synaptic Plasticity, Memory, and Epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2008, 14, 315-339.	1.9	56
129	Time-dependent changes in striatal xCT protein expression in hemi-Parkinson rats. <i>NeuroReport</i> , 2008, 19, 1589-1592.	0.6	45
130	Brain and peripheral angiotensin II type 1 receptors mediate renal vasoconstrictor and blood pressure responses to angiotensin IV in the rat. <i>Journal of Hypertension</i> , 2008, 26, 998-1007.	0.3	41
131	Critical Evaluation of Acetylcholine Determination in Rat Brain Microdialysates using Ion-Pair Liquid Chromatography with Amperometric Detection. <i>Sensors</i> , 2008, 8, 5171-5185.	2.1	29
132	Clinical Potential of Neuropeptide Y Receptor Ligands in the Treatment of Epilepsy. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 1660-1674.	1.0	21
133	Nano-LC-MS/MS for the monitoring of angiotensin IV in rat brain microdialysates: Limitations and possibilities. <i>Journal of Separation Science</i> , 2007, 30, 2217-2224.	1.3	39
134	Use of a structural analogue versus a stable isotope labeled internal standard for the quantification of angiotensin IV in rat brain dialysates using nano-liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1187-1195.	0.7	62
135	Sigma-1 receptor-mediated increase in hippocampal extracellular dopamine contributes to the mechanism of the anticonvulsant action of neuropeptide- γ . <i>European Journal of Neuroscience</i> , 2007, 26, 3079-3092.	1.2	30
136	Involvement of insulin-regulated aminopeptidase and/or aminopeptidase N in the angiotensin IV-induced effect on dopamine release in the striatum of the rat. <i>Brain Research</i> , 2007, 1131, 97-105.	1.1	31
137	Peripheral inflammation modifies the effect of intrathecal IL-1 β on spinal PGE2 production mainly through cyclooxygenase-2 activity. A spinal microdialysis study in freely moving rats. <i>Pain</i> , 2006, 120, 307-314.	2.0	19
138	Chapter 5.3 The use of microdialysis for the study of neurological disorders. <i>Handbook of Behavioral Neuroscience</i> , 2006, , 435-453.	0.7	0
139	Involvement of the somatostatin-2 receptor in the anti-convulsant effect of angiotensin IV against pilocarpine-induced limbic seizures in rats. <i>Journal of Neurochemistry</i> , 2006, 98, 1100-1113.	2.1	63
140	Substantia Nigra Is an Anticonvulsant Site of Action of Topiramate in the Focal Pilocarpine Model of Limbic Seizures. <i>Epilepsia</i> , 2006, 47, 1519-1535.	2.6	22
141	Capillary and nano-liquid chromatography-tandem mass spectrometry for the quantification of small molecules in microdialysis samples: Comparison with microbore dimensions. <i>Journal of Chromatography A</i> , 2006, 1131, 166-175.	1.8	39
142	Use of microbore LC-MS/MS for the quantification of oxcarbazepine and its active metabolite in rat brain microdialysis samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 831, 205-212.	1.2	36
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