

Gunther Sperk

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149
papers

8,833
citations

56
h-index

90
g-index

158
ext. papers

9,611
ext. citations

5.7
avg, IF

5.79
L-index

#	Paper	IF	Citations
149	Kainic acid seizures in the rat. <i>Progress in Neurobiology</i> , 1994 , 42, 1-32	10.9	609
148	Neuropeptide Y: emerging evidence for a functional role in seizure modulation. <i>Trends in Neurosciences</i> , 1999 , 22, 25-30	13.3	411
147	Powerful anticonvulsant action of IL-1 receptor antagonist on intracerebral injection and astrocytic overexpression in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 11534-9	11.5	368
146	Functional changes in neuropeptide Y- and somatostatin-containing neurons induced by limbic seizures in the rat. <i>Neuroscience</i> , 1992 , 50, 831-46	3.9	233
145	Important role of hypothalamic Y2 receptors in body weight regulation revealed in conditional knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 8938-43	11.5	213
144	Anticonvulsant and antiepileptogenic effects mediated by adeno-associated virus vector neuropeptide Y expression in the rat hippocampus. <i>Journal of Neuroscience</i> , 2004 , 24, 3051-9	6.6	209
143	Multiple and plastic receptors mediate tonic GABAA receptor currents in the hippocampus. <i>Journal of Neuroscience</i> , 2005 , 25, 10016-24	6.6	192
142	Arcuate NPY controls sympathetic output and BAT function via a relay of tyrosine hydroxylase neurons in the PVN. <i>Cell Metabolism</i> , 2013 , 17, 236-48	24.6	175
141	Neuropeptide Y inhibits potassium-stimulated glutamate release through Y2 receptors in rat hippocampal slices in vitro. <i>British Journal of Pharmacology</i> , 1994 , 113, 737-40	8.6	173
140	Reduced anxiety and improved stress coping ability in mice lacking NPY-Y2 receptors. <i>European Journal of Neuroscience</i> , 2003 , 18, 143-8	3.5	158
139	Patterns of mRNA and protein expression for 12 GABAA receptor subunits in the mouse brain. <i>Neuroscience</i> , 2013 , 236, 345-72	3.9	147
138	Somatostatin, neuropeptide Y, neurokinin B and cholecystokinin immunoreactivity in two chronic models of temporal lobe epilepsy. <i>Neuroscience</i> , 1995 , 69, 831-45	3.9	146
137	Distribution of the major gamma-aminobutyric acid(A) receptor subunits in the basal ganglia and associated limbic brain areas of the adult rat. <i>Journal of Comparative Neurology</i> , 2001 , 433, 526-49	3.4	142
136	Neuropeptide Y biosynthesis is markedly induced in mossy fibers during temporal lobe epilepsy of the rat. <i>Neuroscience Letters</i> , 1990 , 112, 143-8	3.3	136
135	Overexpression of NPY and Y2 receptors in epileptic brain tissue: an endogenous neuroprotective mechanism in temporal lobe epilepsy?. <i>Neuropeptides</i> , 2004 , 38, 245-52	3.3	135
134	Neuropeptide Y gene therapy decreases chronic spontaneous seizures in a rat model of temporal lobe epilepsy. <i>Brain</i> , 2008 , 131, 1506-15	11.2	134
133	Simultaneous determination of serotonin, 5-hydroxyindoleacetic acid, 3,4-dihydroxyphenylacetic acid and homovanillic acid by high performance liquid chromatography with electrochemical detection. <i>Journal of Neurochemistry</i> , 1982 , 38, 840-3	6	131

132	Distribution of neurons expressing neurokinin B in the rat brain: immunohistochemistry and in situ hybridization. <i>Journal of Comparative Neurology</i> , 1992 , 317, 341-56	3.4	129
131	Plasticity of Y1 and Y2 receptors and neuropeptide Y fibers in patients with temporal lobe epilepsy. <i>Journal of Neuroscience</i> , 2001 , 21, 5804-12	6.6	121
130	Neuropeptides-immunoreactivity and their mRNA expression in kindling: functional implications for limbic epileptogenesis. <i>Brain Research Reviews</i> , 1996 , 22, 27-50		121
129	The central and basolateral amygdala are critical sites of neuropeptide Y/Y2 receptor-mediated regulation of anxiety and depression. <i>Journal of Neuroscience</i> , 2010 , 30, 6282-90	6.6	114
128	GABA and its receptors in epilepsy. <i>Advances in Experimental Medicine and Biology</i> , 2004 , 548, 92-103	3.6	112
127	Neuronal plasticity in animal models and the epileptic human hippocampus. <i>Epilepsia</i> , 2009 , 50 Suppl 12, 29-31	6.4	110
126	The anti-epileptic actions of neuropeptide Y in the hippocampus are mediated by Y and not Y receptors. <i>European Journal of Neuroscience</i> , 2005 , 22, 1417-30	3.5	108
125	Enhanced rate of expression and biosynthesis of neuropeptide Y after kainic acid-induced seizures. <i>Journal of Neurochemistry</i> , 1991 , 56, 525-30	6	97
124	Neuropeptide Y in the dentate gyrus. <i>Progress in Brain Research</i> , 2007 , 163, 285-97	2.9	94
123	Differential NPY mRNA expression in granule cells and interneurons of the rat dentate gyrus after kainic acid injection. <i>Hippocampus</i> , 1994 , 4, 474-82	3.5	93
122	Seizure susceptibility and epileptogenesis are decreased in transgenic rats overexpressing neuropeptide Y. <i>Neuroscience</i> , 2002 , 110, 237-43	3.9	87
121	Kainic acid-induced changes of serotonin and dopamine metabolism in the striatum and substantia nigra of the rat. <i>European Journal of Pharmacology</i> , 1981 , 74, 279-86	5.3	82
120	Progressive loss of phasic, but not tonic, GABAA receptor-mediated inhibition in dentate granule cells in a model of post-traumatic epilepsy in rats. <i>Neuroscience</i> , 2011 , 194, 208-19	3.9	80
119	Up-regulation of neuropeptide Y-Y2 receptors in an animal model of temporal lobe epilepsy. <i>Molecular Pharmacology</i> , 1998 , 53, 6-13	4.3	79
118	Neuropeptide Y modulates fear and fear extinction in distinct nuclei of the amygdala. <i>BMC Pharmacology & Toxicology</i> , 2012 , 13,	2.6	78
117	Neurodegeneration and histochemical plasticity in the rat subiculum after kainic acid-induced epilepsy. <i>BMC Pharmacology</i> , 2011 , 11,		78
116	Neuropeptide Y Y2 receptors modulate trace fear conditioning and spatial memory in the dorsal hippocampus. <i>BMC Pharmacology</i> , 2011 , 11,		78
115	Fear learning induces structural and functional plasticity at GABAergic synapses in the basolateral amygdala. <i>BMC Pharmacology</i> , 2011 , 11, A42		78

114	Neuropeptide Y in the basolateral amygdala modulates the acquisition of conditioned fear. <i>BMC Pharmacology</i> , 2010 , 10,		78
113	Increased novelty-induced motor activity and reduced depression-like behavior in NPY Y4 receptor knockout mice. <i>BMC Pharmacology</i> , 2008 , 8,		78
112	Neurodegeneration and plastic changes in parahippocampal regions of the rat after kainic acid-induced epilepsy. <i>BMC Pharmacology</i> , 2008 , 8,		78
111	Establishing a new mouse model for investigating the function of amygdala neurons in anxiety. <i>BMC Pharmacology</i> , 2008 , 8, A35		78
110	Long-term depression-like effect of a single immune challenge in neuropeptide Y Y2 and Y4 receptor knockout mice. <i>BMC Pharmacology</i> , 2008 , 8,		78
109	Chromogranins in rat brain: characterization, topographical distribution and regulation of synthesis. <i>Brain Research</i> , 1990 , 532, 87-94	3.7	78
108	Altered expression of GABA(A) and GABA(B) receptor subunit mRNAs in the hippocampus after kindling and electrically induced status epilepticus. <i>Neuroscience</i> , 2005 , 134, 691-704	3.9	76
107	Temporal lobe epilepsy of the rat: differential expression of mRNAs of chromogranin B, secretogranin II, synaptin/synaptophysin and p65 in subfield of the hippocampus. <i>Molecular Brain Research</i> , 1992 , 16, 1-12		69
106	Increased novelty-induced motor activity and reduced depression-like behavior in neuropeptide Y (NPY)-Y4 receptor knockout mice. <i>Neuroscience</i> , 2009 , 158, 1717-30	3.9	67
105	Autoradiographic analysis of neuropeptide Y receptor binding sites in the rat hippocampus after kainic acid-induced limbic seizures. <i>Neuroscience</i> , 1996 , 70, 47-55	3.9	67
104	The role of Neuropeptide Y in fear conditioning and extinction. <i>Neuropeptides</i> , 2016 , 55, 111-26	3.3	66
103	Distinct changes in peptide YY binding to, and mRNA levels of, Y1 and Y2 receptors in the rat hippocampus associated with kindling epileptogenesis. <i>Journal of Neurochemistry</i> , 1998 , 70, 1615-22	6	66
102	Sex-dependent control of murine emotional-affective behaviour in health and colitis by peptide YY and neuropeptide Y. <i>British Journal of Pharmacology</i> , 2011 , 163, 1302-14	8.6	65
101	Electrical kindling of the hippocampus is associated with functional activation of neuropeptide Y-containing neurons. <i>European Journal of Neuroscience</i> , 1993 , 5, 1534-8	3.5	65
100	Increased expression of GABA(A) receptor beta-subunits in the hippocampus of patients with temporal lobe epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003 , 62, 820-34	3.1	64
99	Altered GABA transmission in a mouse model of increased trait anxiety. <i>Neuroscience</i> , 2011 , 183, 71-80	3.9	61
98	Altered expression of NPY-Y1 receptors in kainic acid induced epilepsy in rats. <i>Neuroscience Letters</i> , 1997 , 230, 129-32	3.3	61
97	Expression of plasma membrane GABA transporters but not of the vesicular GABA transporter in dentate granule cells after kainic acid seizures. <i>Hippocampus</i> , 2003 , 13, 806-15	3.5	58

96	Functional changes in somatostatin and neuropeptide Y containing neurons in the rat hippocampus in chronic models of limbic seizures. <i>Epilepsy Research</i> , 1996 , 26, 267-79	3	58
95	Evidence for an endogenous factor interfering with 3H-diazepam binding to rat brain membranes. <i>European Journal of Pharmacology</i> , 1978 , 49, 323-6	5.3	58
94	Anticonvulsant effects and behavioural outcomes of rAAV serotype 1 vector-mediated neuropeptide Y overexpression in rat hippocampus. <i>Gene Therapy</i> , 2010 , 17, 643-52	4	56
93	NPY controls fear conditioning and fear extinction by combined action on Y ₁ and Y ₂ receptors. <i>British Journal of Pharmacology</i> , 2012 , 166, 1461-73	8.6	55
92	Sequel of spontaneous seizures after kainic acid-induced status epilepticus and associated neuropathological changes in the subiculum and entorhinal cortex. <i>Neuropharmacology</i> , 2012 , 63, 806-17	5.5	55
91	Synthesis and biological evaluation of 14-alkoxymorphinans. 1. Highly potent opioid agonists in the series of (-)-14-methoxy-N-methylmorphinan-6-ones. <i>Journal of Medicinal Chemistry</i> , 1984 , 27, 1575-9	8.3	55
90	Expression of GABA receptor subunits in the hippocampus and thalamus after experimental traumatic brain injury. <i>Neuropharmacology</i> , 2015 , 88, 122-33	5.5	54
89	Amygdala NPY Circuits Promote the Development of Accelerated Obesity under Chronic Stress Conditions. <i>Cell Metabolism</i> , 2019 , 30, 111-128.e6	24.6	52
88	GAL3 receptor KO mice exhibit an anxiety-like phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7138-43	11.5	52
87	Somatostatin precursor in the rat striatum: changes after local injection of kainic acid. <i>Journal of Neurochemistry</i> , 1985 , 45, 1441-7	6	51
86	Parvalbumin interneurons and calretinin fibers arising from the thalamic nucleus reuniens degenerate in the subiculum after kainic acid-induced seizures. <i>Neuroscience</i> , 2011 , 189, 316-29	3.9	50
85	Neuropeptide Levels after Pentylentetrazol Kindling in the Rat. <i>European Journal of Neuroscience</i> , 1990 , 2, 98-103	3.5	50
84	Gene therapy in epilepsy: the focus on NPY. <i>Peptides</i> , 2007 , 28, 377-83	3.8	49
83	Differential increases in brain levels of neuropeptide Y and vasoactive intestinal polypeptide after kainic acid-induced seizures in the rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1989 , 339, 173-7	3.4	47
82	Reduction of A1 adenosine receptors in rat hippocampus after kainic acid-induced limbic seizures. <i>Neuroscience Letters</i> , 2000 , 284, 49-52	3.3	47
81	Enhancement of GABA(A)-current run-down in the hippocampus occurs at the first spontaneous seizure in a model of temporal lobe epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3180-5	11.5	43
80	Afamin is synthesized by cerebrovascular endothelial cells and mediates alpha-tocopherol transport across an in vitro model of the blood-brain barrier. <i>Journal of Neurochemistry</i> , 2009 , 108, 707-18	6	40
79	Increased expression of Nogo-A in hippocampal neurons of patients with temporal lobe epilepsy. <i>European Journal of Neuroscience</i> , 2004 , 20, 195-206	3.5	39

78	Selective Silencing of Hippocampal Parvalbumin Interneurons Induces Development of Recurrent Spontaneous Limbic Seizures in Mice. <i>Journal of Neuroscience</i> , 2017 , 37, 8166-8179	6.6	38
77	Altered expression of GABAB receptors in the hippocampus after kainic-acid-induced seizures in rats. <i>Molecular Brain Research</i> , 2003 , 113, 107-15		38
76	Structure and function of the amygdaloid NPY system: NPY Y2 receptors regulate excitatory and inhibitory synaptic transmission in the centromedial amygdala. <i>Brain Structure and Function</i> , 2016 , 221, 3373-91	4	37
75	Changes in the expression of GABAA receptor subunit mRNAs in parahippocampal areas after kainic acid induced seizures. <i>Frontiers in Neural Circuits</i> , 2013 , 7, 142	3.5	37
74	Alpha 2-adrenoceptors modulate kainic acid-induced limbic seizures. <i>European Journal of Pharmacology</i> , 1985 , 113, 263-9	5.3	36
73	A sensitive and reliable assay for dopamine beta-hydroxylase in tissue. <i>Journal of Neurochemistry</i> , 1980 , 35, 972-6	6	36
72	Hunger Promotes Fear Extinction by Activation of an Amygdala Microcircuit. <i>Neuropsychopharmacology</i> , 2016 , 41, 431-9	8.7	34
71	Changes in GABAA receptors in status epilepticus. <i>Epilepsia</i> , 2007 , 48 Suppl 8, 11-3	6.4	33
70	Increased expression of gamma-aminobutyric acid type B receptors in the hippocampus of patients with temporal lobe epilepsy. <i>Neuroscience Letters</i> , 2003 , 352, 141-5	3.3	33
69	In vivo synthesis of substance P in the corpus striatum of the rat and its transport to the substantia nigra. <i>Brain Research</i> , 1982 , 238, 127-35	3.7	32
68	Neuropeptide Y overexpression using recombinant adeno-associated viral vectors. <i>Neurotherapeutics</i> , 2009 , 6, 300-6	6.4	31
67	Increased brain levels of cholecystokinin octapeptide after kainic acid-induced seizures in the rat. <i>Neuroscience Letters</i> , 1986 , 69, 208-11	3.3	29
66	Somatostatin receptor type 2 undergoes plastic changes in the human epileptic dentate gyrus. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005 , 64, 956-69	3.1	28
65	Chromogranins as markers of altered hippocampal circuitry in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2001 , 50, 216-26	9.4	28
64	Changes in the GABA-ergic system induced by trimethyltin application in the rat. <i>Molecular Brain Research</i> , 2001 , 97, 1-6		28
63	Neuropeptide Y-Y2 receptor knockout mice: influence of genetic background on anxiety-related behaviors. <i>Neuroscience</i> , 2011 , 176, 420-30	3.9	27
62	Effects of antidepressant drug treatment on levels of NPY or prepro-NPY-mRNA in the rat brain. <i>Neurochemistry International</i> , 1993 , 22, 183-7	4.4	27
61	Serotonergic denervation partially protects rat striatum from kainic acid toxicity. <i>Nature</i> , 1982 , 299, 254-6	5.4	27

60	Distribution of alarin immunoreactivity in the mouse brain. <i>Journal of Molecular Neuroscience</i> , 2012 , 46, 18-32	3.3	26
59	Kainic acid seizures cause enhanced expression of cholecystinin-octapeptide in the cortex and hippocampus of the rat. <i>Synapse</i> , 1993 , 15, 221-8	2.4	26
58	Glutamate-stimulated neuropeptide Y mRNA expression in the rat dentate gyrus: a prominent role of metabotropic glutamate receptors. <i>Hippocampus</i> , 1998 , 8, 274-88	3.5	25
57	Trimethyltin intoxication induces marked changes in neuropeptide expression in the rat hippocampus. <i>Synapse</i> , 1998 , 29, 333-42	2.4	25
56	Rapid changes in expression of class I and IV histone deacetylases during epileptogenesis in mouse models of temporal lobe epilepsy. <i>Experimental Neurology</i> , 2015 , 273, 92-104	5.7	24
55	Glutamate decarboxylase 67 is expressed in hippocampal mossy fibers of temporal lobe epilepsy patients. <i>Hippocampus</i> , 2012 , 22, 590-603	3.5	24
54	Cholinergic deficit induced by ethylcholine aziridinium (AF64A) transiently affects somatostatin and neuropeptide Y levels in rat brain. <i>Journal of Neurochemistry</i> , 1990 , 54, 1608-13	6	24
53	Delayed stress-induced differences in locomotor and depression-related behaviour in female neuropeptide-Y Y1 receptor knockout mice. <i>Journal of Psychopharmacology</i> , 2010 , 24, 1541-9	4.6	22
52	Somatostatin and neuropeptide Y neurons undergo different plasticity in parahippocampal regions in kainic acid-induced epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012 , 71, 312-29	3.1	22
51	Effect of anticonvulsant treatment on kainic acid-induced increases in peptide levels. <i>European Journal of Pharmacology</i> , 1990 , 181, 241-6	5.3	22
50	An orally effective, long-acting dopaminergic prodrug: (-)-10,11-methylenedioxy-N-propylnoraporphine. <i>European Journal of Pharmacology</i> , 1982 , 77, 87-8	5.3	22
49	NPY Y2 receptors in the central amygdala reduce cued but not contextual fear. <i>Neuropharmacology</i> , 2015 , 99, 665-74	5.5	19
48	Capsaicin does not change tissue levels of glutamic acid, its uptake, or release in the rat spinal cord. <i>Journal of Neurochemistry</i> , 1982 , 38, 1383-6	6	19
47	Arcuate nucleus and lateral hypothalamic CART neurons in the mouse brain exert opposing effects on energy expenditure. <i>ELife</i> , 2018 , 7,	8.9	19
46	Altered hippocampal expression of neuropeptide Y, somatostatin, and glutamate decarboxylase in Ihabara's epileptic rats and spontaneously epileptic rats. <i>Neuroscience Letters</i> , 2000 , 287, 105-8	3.3	17
45	Expression of class II histone deacetylases in two mouse models of temporal lobe epilepsy. <i>Journal of Neurochemistry</i> , 2016 , 136, 717-730	6	17
44	Dynamic up-regulation of prodynorphin transcription in temporal lobe epilepsy. <i>Hippocampus</i> , 2009 , 19, 1051-4	3.5	16
43	Secretoneurin: A marker in rat hippocampal pathways 1997 , 377, 29-40		15

42	Cysteamine-induced decrease of somatostatin in rat brain synaptosomes in vitro. <i>Endocrinology</i> , 1987 , 121, 1383-9	4.8	15
41	Hypothalamic CNTF volume transmission shapes cortical noradrenergic excitability upon acute stress. <i>EMBO Journal</i> , 2018 , 37,	13	15
40	Calcium-binding proteins in focal cortical dysplasia. <i>Epilepsia</i> , 2015 , 56, 1207-16	6.4	13
39	Pancreatic polypeptide and its central Y4 receptors are essential for cued fear extinction and permanent suppression of fear. <i>British Journal of Pharmacology</i> , 2016 , 173, 1925-38	8.6	13
38	Neuropeptide Y2 receptors in anteroventral BNST control remote fear memory depending on extinction training. <i>Neurobiology of Learning and Memory</i> , 2018 , 149, 144-153	3.1	11
37	Differences between Adenosine Triphosphatases from Monocotylous and Dicotylous Plants. <i>Plant Physiology</i> , 1977 , 59, 155-7	6.6	11
36	Structural and Functional Remodeling of Amygdala GABAergic Synapses in Associative Fear Learning. <i>Neuron</i> , 2019 , 104, 781-794.e4	13.9	10
35	Secretoneurin, substance P and neuropeptide Y in the oxygen-induced retinopathy in C57Bl/6N mice. <i>Peptides</i> , 2012 , 37, 252-7	3.8	10
34	Effect of neuropeptide Y Y2 receptor deletion on emotional stress-induced neuronal activation in mice. <i>Synapse</i> , 2009 , 63, 236-46	2.4	10
33	Chromogranins in temporal lobe epilepsy. <i>Epilepsia</i> , 2000 , 41 Suppl 6, S111-4	6.4	10
32	Neuropeptide Y and somatostatin immunoreactivity in the rat hippocampus after moderate hypoxia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996 , 354, 67-71	3.4	10
31	Kainic acid induced seizures cause a marked increase in the expression of neurokinin-3 receptor mRNA in the rat cerebellum. <i>Neuroscience Letters</i> , 1994 , 181, 158-60	3.3	10
30	Biochemical, behavioral, and pharmacologic studies of the effects of dihydroxytryptamines in the rodent brain. <i>Annals of the New York Academy of Sciences</i> , 1978 , 305, 198-207	6.5	10
29	Immunohistochemical distribution of 10 GABA receptor subunits in the forebrain of the rhesus monkey <i>Macaca mulatta</i> . <i>Journal of Comparative Neurology</i> , 2020 , 528, 2551-2568	3.4	9
28	Selective increase of dark phase water intake in neuropeptide-Y Y2 and Y4 receptor knockout mice. <i>Behavioural Brain Research</i> , 2006 , 168, 255-60	3.4	9
27	Metabotropic glutamate receptors mediate activation of NPY-Y2 receptor expression in the rat dentate gyrus. <i>NeuroReport</i> , 1998 , 9, 2347-51	1.7	9
26	A low-molecular-weight ATPase from wheat-seedling mitochondria. <i>FEBS Journal</i> , 1976 , 68, 13-9		9
25	Neurochemical characterization of preprotachykinin B(50-79) immunoreactivity in the rat. <i>Regulatory Peptides</i> , 1995 , 57, 183-92		8

24	Effect of local injection of cysteamine and cystamine on somatostatin and neuropeptide Y levels in the rat striatum. <i>Journal of Neurochemistry</i> , 1988 , 50, 1682-6	6	8
23	Evidence for neuronal localization of histamine-N-methyltransferase in rat brain. <i>Journal of Neurochemistry</i> , 1981 , 37, 525-6	6	8
22	Effective G-protein coupling of Y2 receptors along axonal fiber tracts and its relevance for epilepsy. <i>Neuropeptides</i> , 2017 , 61, 49-55	3.3	7
21	Trimethyltin-induced expression of neuropeptide Y Y2 receptors in rat dentate gyrus. <i>Neurotoxicology and Teratology</i> , 1998 , 20, 607-10	3.9	7
20	Distinct gradients of various neurotransmitter markers in caudate nucleus and putamen of the human brain. <i>Journal of Neurochemistry</i> , 2020 , 152, 650-662	6	7
19	Role of neuropeptide Y (NPY) in the differentiation of Trpm-5-positive olfactory microvillar cells. <i>Neuropeptides</i> , 2018 , 68, 90-98	3.3	6
18	Effects of galanin receptor 2 and receptor 3 knockout in mouse models of acute seizures. <i>Epilepsia</i> , 2018 , 59, e166-e171	6.4	4
17	Quantitative determination of neuroactive substances in the CNS of the spider <i>Cupiennius salei</i> keys. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992 , 102, 447-450		3
16	Lipid mediator n-3 docosapentaenoic acid-derived protectin D1 enhances synaptic inhibition of hippocampal principal neurons by interaction with a G-protein-coupled receptor.. <i>FASEB Journal</i> , 2022 , 36, e22203	0.9	3
15	Experiments to localize the site for the anxiogenic action of NPY mediated by Y2 receptors in the mouse brain. <i>BMC Pharmacology</i> , 2007 , 7, A14		2
14	Somatostatin-and Neuropeptide Y-Mediated Neurotransmission in Kindling Epileptogenesis. <i>Advances in Behavioral Biology</i> , 1998 , 313-325		2
13	Perception of species-specific vocalizations in rats: role of the cholinergic septo-hippocampal pathway and aging. <i>International Journal of Developmental Neuroscience</i> , 1998 , 16, 715-27	2.7	1
12	Increased expression of GABA receptor subunits associated with tonic inhibition in patients with temporal lobe epilepsy. <i>Brain Communications</i> , 2021 , 3, fcab239	4.5	1
11	Regulation of Parvalbumin Interactome in the Perilesional Cortex after Experimental Traumatic Brain Injury. <i>Neuroscience</i> , 2021 , 475, 52-72	3.9	1
10	Secretoneurin: A marker in rat hippocampal pathways 1997 , 377, 29		1
9	Current topics in brain dopamine research: a tribute to Professor Oleh Hornykiewicz. <i>Wiener Klinische Wochenschrift</i> , 2006 , 118, 563-5	2.3	0
8	Silencing of hippocampal somatostatin interneurons induces recurrent spontaneous limbic seizures in mice.. <i>Neuroscience</i> , 2022 , 487, 155-155	3.9	0
7	Laudatio anlässlich der Vergabe des Alfred-Hauptmann-Preises 2019 an Professor Dr. med. Hajo Hamer, Dr. med. Johannes Lang und Professor Dr. rer. med. Karel Kostev. <i>Zeitschrift Fur Epileptologie</i> , 2019 , 32, 239-241	0.1	

- 6 Mesiale Temporallappenepilepsie: Morphologische und neurochemische Plastizität des Hippokampus. *E-Neuroforum*, **2006**, 12, 144-151
- 5 Plastische Veränderungen von Neuropeptiden bei Patienten mit Temporallappenepilepsie. *Zeitschrift Fur Epileptologie*, **2003**, 16, 235-242 0.1
- 4 Neuropeptide Y and Its Receptors in Kindling Epileptogenesis **2005**, 249-261
- 3 Epilepsy, Brain Injury and Cell Death **2007**, 363-374
- 2 Purification and Characterization of Neuroendocrine Peptides from Rat Brain: Prosomatostatin Isolation. *Methods in Neurosciences*, **1991**, 306-321
- 1 Hunger promotes fear extinction by activation of an amygdala microcircuit. *Neuropeptides*, **2016**, 55, 19-20 3.3