

# Stefano Thellung

## List of Publications by Year in descending order

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77  
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2,726  
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147726

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Chloride intracellular channel 1 activity is not required for glioblastoma development but its inhibition dictates glioma stem cell responsivity to novel biguanide derivatives. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 53.	3.5	15
2	MCM2 and Carbonic Anhydrase 9 Are Novel Potential Targets for Neuroblastoma Pharmacological Treatment. <i>Biomedicines</i> , 2020, 8, 471.	1.4	9
3	Identification of the hydantoin alkaloids parazoanthines as novel CXCR4 antagonists by computational and in vitro functional characterization. <i>Bioorganic Chemistry</i> , 2020, 105, 104337.	2.0	4
4	Experimental Evidence and Clinical Implications of Pituitary Adenoma Stem Cells. <i>Frontiers in Endocrinology</i> , 2020, 11, 54.	1.5	22
5	Biological and Biochemical Basis of the Differential Efficacy of First and Second Generation Somatostatin Receptor Ligands in Neuroendocrine Neoplasms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3940.	1.8	26
6	Autophagy Activator Drugs: A New Opportunity in Neuroprotection from Misfolded Protein Toxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 901.	1.8	81
7	Emerging Role of Cellular Prion Protein in the Maintenance and Expansion of Glioma Stem Cells. <i>Cells</i> , 2019, 8, 1458.	1.8	11
8	<i>In Silico</i> Identification and Experimental Validation of Novel Anti-Alzheimer's Multitargeted Ligands from a Marine Source Featuring a 2-Aminoimidazole plus Aromatic Group-Scaffold. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1290-1303.	1.7	14
9	Pharmacological activation of autophagy favors the clearing of intracellular aggregates of misfolded prion protein peptide to prevent neuronal death. <i>Cell Death and Disease</i> , 2018, 9, 166.	2.7	38
10	In vitro and in vivo characterization of stem-like cells from canine osteosarcoma and assessment of drug sensitivity. <i>Experimental Cell Research</i> , 2018, 363, 48-64.	1.2	30
11	Different Molecular Mechanisms Mediate Direct or Glia-Dependent Prion Protein Fragment 90-231 Neurotoxic Effects in Cerebellar Granule Neurons. <i>Neurotoxicity Research</i> , 2017, 32, 381-397.	1.3	5
12	Drug design strategies focusing on the CXCR4/CXCR7/CXCL12 pathway in leukemia and lymphoma. <i>Expert Opinion on Drug Discovery</i> , 2016, 11, 1093-1109.	2.5	28
13	Novel celecoxib analogues inhibit glial production of prostaglandin E2, nitric oxide, and oxygen radicals reverting the neuroinflammatory responses induced by misfolded prion protein fragment 90-231 or lipopolysaccharide. <i>Pharmacological Research</i> , 2016, 113, 500-514.	3.1	22
14	Celecoxib Inhibits Prion Protein 90-231-Mediated Pro-inflammatory Responses in Microglial Cells. <i>Molecular Neurobiology</i> , 2016, 53, 57-72.	1.9	25
15	Drug-repositioning opportunities for cancer therapy: novel molecular targets for known compounds. <i>Drug Discovery Today</i> , 2016, 21, 190-199.	3.2	117
16	Cellular prion protein controls stem cell-like properties of human glioblastoma tumor-initiating cells. <i>Oncotarget</i> , 2016, 7, 38638-38657.	0.8	53
17	Molecular Pharmacology of Malignant Pleural Mesothelioma: Challenges and Perspectives From Preclinical and Clinical Studies. <i>Current Drug Targets</i> , 2016, 17, 824-849.	1.0	12
18	Ruta graveolens L. Induces Death of Glioblastoma Cells and Neural Progenitors, but Not of Neurons, via ERK 1/2 and AKT Activation. <i>PLoS ONE</i> , 2015, 10, e0118864.	1.1	37

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19	In vitro and in vivo antiproliferative activity of metformin on stem-like cells isolated from spontaneous canine mammary carcinomas: translational implications for human tumors. <i>BMC Cancer</i> , 2015, 15, 228.	1.1	47
20	Emerging Targets in Pituitary Adenomas: Role of the CXCL12/CXCR4-R7 System. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-16.	0.6	18
21	Excitotoxicity Through NMDA Receptors Mediates Cerebellar Granule Neuron Apoptosis Induced by Prion Protein 90-231 Fragment. <i>Neurotoxicity Research</i> , 2013, 23, 301-314.	1.3	21
22	Peptide Receptor Targeting in Cancer: The Somatostatin Paradigm. <i>International Journal of Peptides</i> , 2013, 2013, 1-20.	0.7	102
23	Role of Prion Protein Aggregation in Neurotoxicity. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8648-8669.	1.8	37
24	Recombinant Human Prion Protein Fragment 90-231, a Useful Model to Study Prion Neurotoxicity. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 50-59.	1.0	9
25	In vitro study of uptake and synthesis of creatine and its precursors by cerebellar granule cells and astrocytes suggests some hypotheses on the physiopathology of the inherited disorders of creatine metabolism. <i>BMC Neuroscience</i> , 2012, 13, 41.	0.8	17
26	CXCR4 expression in feline mammary carcinoma cells: evidence of a proliferative role for the SDF-1/CXCR4 axis. <i>BMC Veterinary Research</i> , 2012, 8, 27.	0.7	16
27	Calcium Binding Promotes Prion Protein Fragment 90-231 Conformational Change toward a Membrane Destabilizing and Cytotoxic Structure. <i>PLoS ONE</i> , 2012, 7, e38314.	1.1	14
28	Neurodegeneration in Alzheimer Disease: Role of Amyloid Precursor Protein and Presenilin 1 Intracellular Signaling. <i>Journal of Toxicology</i> , 2012, 2012, 1-13.	1.4	56
29	Isolation of stem-like cells from spontaneous feline mammary carcinomas: Phenotypic characterization and tumorigenic potential. <i>Experimental Cell Research</i> , 2012, 318, 847-860.	1.2	25
30	High hydrophobic amino acid exposure is responsible of the neurotoxic effects induced by E200K or D202N disease-related mutations of the human prion protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 372-382.	1.2	33
31	Efficacy of Novel Acridine Derivatives in the Inhibition of hPrP90-231 Prion Protein Fragment Toxicity. <i>Neurotoxicity Research</i> , 2011, 19, 556-574.	1.3	31
32	Human PrP90-231-induced cell death is associated with intracellular accumulation of insoluble and protease-resistant macroaggregates and lysosomal dysfunction. <i>Cell Death and Disease</i> , 2011, 2, e138-e138.	2.7	30
33	The Chemokine SDF1/CXCL12: A Novel Autocrine/Paracrine Factor Involved In Pituitary Adenoma Development. <i>Open Neuroendocrinology Journal (Online)</i> , 2011, 4, 64-76.	0.4	11
34	Dual Modulation of ERK1/2 and p38 MAP Kinase Activities Induced by Minocycline Reverses the Neurotoxic Effects of the Prion Protein Fragment 90-231. <i>Neurotoxicity Research</i> , 2009, 15, 138-154.	1.3	31
35	Multiple biochemical similarities between infectious and non-infectious aggregates of a prion protein carrying an octapeptide insertion. <i>Journal of Neurochemistry</i> , 2008, 104, 1293-1308.	2.1	34
36	P2X <sub>7</sub> pre-synaptic receptors in adult rat cerebrocortical nerve terminals: a role in ATP-induced glutamate release. <i>Journal of Neurochemistry</i> , 2008, 105, 2330-2342.	2.1	63

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37	ERK1/2 and p38 MAP kinases control prion protein fragment 90-231-induced astrocyte proliferation and microglia activation. <i>Glia</i> , 2007, 55, 1469-1485.	2.5	32
38	Different structural stability and toxicity of PrP <sup>ARR</sup> and PrP <sup>ARQ</sup> sheep prion protein variants. <i>Journal of Neurochemistry</i> , 2007, 103, 2291-2300.	2.1	16
39	Intracellular accumulation of a mild-denatured monomer of the human PrP fragment 90-231, as possible mechanism of its neurotoxic effects. <i>Journal of Neurochemistry</i> , 2007, 103, 071018045431007-???	2.1	27
40	Amyloid Precursor Protein and Presenilin 1 Interaction Studied by FRET in Human H4 Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 249-257.	1.8	15
41	Amino-Terminally Truncated Prion Protein PrP <sup>90-231</sup> Induces Microglial Activation in Vitro. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 258-270.	1.8	15
42	Conformation Dependent Pro-Apoptotic Activity of the Recombinant Human Prion Protein Fragment 90-231. <i>International Journal of Immunopathology and Pharmacology</i> , 2006, 19, 339-356.	1.0	30
43	Pattern of Distribution of Calcitonin Gene-Related Peptide in the Dorsal Root Ganglion of Animal Models of Diabetes Mellitus. <i>Annals of the New York Academy of Sciences</i> , 2006, 1084, 296-303.	1.8	15
44	SDF-1 Controls Pituitary Cell Proliferation through the Activation of ERK1/2 and the Ca <sup>2+</sup> -Dependent, Cytosolic Tyrosine Kinase Pyk2. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 385-398.	1.8	33
45	Amyloid Precursor Protein Modulates ERK-1 and -2 Signaling. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 455-465.	1.8	17
46	Chemokine Stromal Cell-Derived Factor 1 $\pm$ Induces Proliferation and Growth Hormone Release in GH4C1 Rat Pituitary Adenoma Cell Line through Multiple Intracellular Signals. <i>Molecular Pharmacology</i> , 2006, 69, 539-546.	1.0	49
47	Characterization of the Proapoptotic Intracellular Mechanisms Induced by a Toxic Conformer of the Recombinant Human Prion Protein Fragment 90-231. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 276-291.	1.8	15
48	Identification of a Conserved N-Capping Box Important for the Structural Autonomy of the Prion $\beta$ -3-Helix: The Disease Associated D202N Mutation Destabilizes the Helical Conformation. <i>International Journal of Immunopathology and Pharmacology</i> , 2005, 18, 95-112.	1.0	41
49	Molecular Mechanisms Mediating Neuronal Cell Death in Experimental Models of Prion Diseases, in vitro. , 2005, , 273-297.		0
50	Expression of Somatostatin Receptor mRNA in Human Meningiomas and their Implication in in vitro Antiproliferative Activity. <i>Journal of Neuro-Oncology</i> , 2004, 66, 155-166.	1.4	87
51	Prion Protein Fragment 106-126 Induces a p38 MAP Kinase-Dependent Apoptosis in SH-SY5Y Neuroblastoma Cells Independently from the Amyloid Fibril Formation. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 610-622.	1.8	47
52	Characterization of the intracellular mechanisms mediating somatostatin and lanreotide inhibition of DNA synthesis and growth hormone release from dispersed human GH-secreting pituitary adenoma cells in vitro. <i>Clinical Endocrinology</i> , 2003, 59, 115-128.	1.2	48
53	Somatostatin Inhibits Tumor Angiogenesis and Growth via Somatostatin Receptor-3-Mediated Regulation of Endothelial Nitric Oxide Synthase and Mitogen-Activated Protein Kinase Activities. <i>Endocrinology</i> , 2003, 144, 1574-1584.	1.4	160
54	Basic Fibroblast Growth Factor Activates Endothelial Nitric-Oxide Synthase in CHO-K1 Cells via the Activation of Ceramide Synthesis. <i>Molecular Pharmacology</i> , 2003, 63, 297-310.	1.0	32

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55	p38 MAP Kinase Mediates the Cell Death Induced by PrP106-126 in the SH-SY5Y Neuroblastoma Cells. <i>Neurobiology of Disease</i> , 2002, 9, 69-81.	2.1	59
56	Expression in <i>E. coli</i> and purification of recombinant fragments of wild type and mutant human prion protein. <i>Neurochemistry International</i> , 2002, 41, 55-63.	1.9	31
57	Nitric Oxide Production Stimulated by the Basic Fibroblast Growth Factor Requires the Synthesis of Ceramide. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 94-104.	1.8	12
58	The Activation of the Phosphotyrosine Phosphatase $\hat{\cdot}$ (r-PTP $\hat{\cdot}$ ) Is Responsible for the Somatostatin Inhibition of PC Cl3 Thyroid Cell Proliferation. <i>Molecular Endocrinology</i> , 2001, 15, 1838-1852.	3.7	49
59	The Activation of the Phosphotyrosine Phosphatase $\hat{\cdot}$ (r-PTP $\hat{\cdot}$ ) Is Responsible for the Somatostatin Inhibition of PC Cl3 Thyroid Cell Proliferation. <i>Molecular Endocrinology</i> , 2001, 15, 1838-1852.	3.7	29
60	Somatostatin receptor 1 (SSTR1)-mediated inhibition of cell proliferation correlates with the activation of the MAP kinase cascade: role of the phosphotyrosine phosphatase SHP-2. <i>Journal of Physiology (Paris)</i> , 2000, 94, 239-250.	2.1	56
61	Apoptotic Cell Death and Impairment of L-Type Voltage-Sensitive Calcium Channel Activity in Rat Cerebellar Granule Cells Treated with the Prion Protein Fragment 106-126. <i>Neurobiology of Disease</i> , 2000, 7, 299-309.	2.1	64
62	Intracellular mechanisms mediating the neuronal death and astrogliosis induced by the prion protein fragment 106-126. <i>International Journal of Developmental Neuroscience</i> , 2000, 18, 481-492.	0.7	56
63	Somatostatin controls Kaposi's sarcoma tumor growth through inhibition of angiogenesis. <i>FASEB Journal</i> , 1999, 13, 647-655.	0.2	101
64	A novel mechanism for the melatonin inhibition of testosterone secretion by rat Leydig cells: reduction of GnRH-induced increase in cytosolic Ca <sup>2+</sup> . <i>Journal of Molecular Endocrinology</i> , 1999, 23, 299-306.	1.1	32
65	Somatostatin and its analog lanreotide inhibit the proliferation of dispersed human non-functioning pituitary adenoma cells in vitro. <i>European Journal of Endocrinology</i> , 1999, 141, 396-408.	1.9	75
66	Prolonged treatment with $\hat{\cdot}$ -glycerylphosphorylethanolamine facilitates the acquisition of an active avoidance behavior and selectively increases neuronal signal transduction in rats. <i>Aging Clinical and Experimental Research</i> , 1999, 11, 335-342.	1.4	2
67	Polydeoxyribonucleotides enhance the proliferation of human skin fibroblasts: Involvement of A2 purinergic receptor subtypes. <i>Life Sciences</i> , 1999, 64, 1661-1674.	2.0	74
68	Prion protein fragment 106-126 induces apoptotic cell death and impairment of L-type voltage-sensitive calcium channel activity in the GH3 cell line. , 1998, 54, 341-352.		73
69	Oncogene Transformation of PC Cl3 Clonal Thyroid Cell Line Induces an Autonomous Pattern of Proliferation That Correlates with a Loss of Basal and Stimulated Phosphotyrosine Phosphatase Activity*. <i>Endocrinology</i> , 1997, 138, 3756-3763.	1.4	19
70	Effect of nitric oxide donors on GABA uptake by rat brain synaptosomes. <i>Neurochemical Research</i> , 1997, 22, 1517-1521.	1.6	11
71	Ca(2+)-ATPase pump forms and an endogenous inhibitor in bovine brain synaptosomes. <i>Neurochemical Research</i> , 1997, 22, 297-304.	1.6	0
72	TGF- $\beta$ 1 prevents gp120-induced impairment of Ca <sup>2+</sup> homeostasis and rescues cortical neurons from apoptotic death. , 1997, 49, 600-607.		47

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73	Oncogene Transformation of PC Cl3 Clonal Thyroid Cell Line Induces an Autonomous Pattern of Proliferation That Correlates with a Loss of Basal and Stimulated Phosphotyrosine Phosphatase Activity. <i>Endocrinology</i> , 1997, 138, 3756-3763.	1.4	9
74	INTRACELLULAR TRANSDUCING MECHANISMS COUPLED TO BRAIN SOMATOSTATIN RECEPTORS. <i>Pharmacological Research</i> , 1996, 33, 297-305.	3.1	12
75	Characterization of two central AMPA-preferring receptors having distinct location, function and pharmacology. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1994, 349, 555-558.	1.4	18
76	Release-Regulating Serotonin 5-HT <sub>1D</sub> Autoreceptors in Human Cerebral Cortex. <i>Journal of Neurochemistry</i> , 1993, 60, 1179-1182.	2.1	65
77	Serotonergic inhibition of the mossy fibre?granule cell glutamate transmission in rat cerebellar slices. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1993, 348, 347-51.	1.4	9