

# Silvio M Zanata

## List of Publications by Year in descending order

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63  
papers

3,416  
citations

172207

29  
h-index

143772

57  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress-inducible protein 1 is a cell surface ligand for cellular prion that triggers neuroprotection. EMBO Journal, 2002, 21, 3307-3316.	3.5	374
2	Cellular prion protein transduces neuroprotective signals. EMBO Journal, 2002, 21, 3317-3326.	3.5	320
3	Cellular prion protein binds laminin and mediates neuritogenesis. Molecular Brain Research, 2000, 76, 85-92.	2.5	279
4	Complementary hydrophathy identifies a cellular prion protein receptor. Nature Medicine, 1997, 3, 1376-1382.	15.2	173
5	Antagonistic Effects of Rnd1 and RhoD GTPases Regulate Receptor Activity in Semaphorin 3A-Induced Cytoskeletal Collapse. Journal of Neuroscience, 2002, 22, 471-477.	1.7	151
6	17 $\beta$ -Estradiol replacement in young, adult and middle-aged female ovariectomized rats promotes improvement of spatial reference memory and an antidepressant effect and alters monoamines and BDNF levels in memory- and depression-related brain areas. Behavioural Brain Research, 2012, 227, 100-108.	1.2	112
7	Laminin-induced PC-12 cell differentiation is inhibited following laser inactivation of cellular prion protein. FEBS Letters, 2000, 482, 257-260.	1.3	110
8	The role of 5-HT1A receptors in fish oil-mediated increased BDNF expression in the rat hippocampus and cortex: A possible antidepressant mechanism. Neuropharmacology, 2012, 62, 184-191.	2.0	108
9	Internalization of mammalian fluorescent cellular prion protein and N-terminal deletion mutants in living cells. Journal of Neurochemistry, 2008, 79, 79-87.	2.1	100
10	Effects of curcumin on short-term spatial and recognition memory, adult neurogenesis and neuroinflammation in a streptozotocin-induced rat model of dementia of Alzheimer's type. Behavioural Brain Research, 2017, 335, 41-54.	1.2	98
11	Normal inhibitory avoidance learning and anxiety, but increased locomotor activity in mice devoid of PrPC. Molecular Brain Research, 1999, 71, 349-353.	2.5	85
12	MYC Is Activated by USP2a-Mediated Modulation of MicroRNAs in Prostate Cancer. Cancer Discovery, 2012, 2, 236-247.	7.7	82
13	Cellular prion protein interaction with vitronectin supports axonal growth and is compensated by integrins. Journal of Cell Science, 2007, 120, 1915-1926.	1.2	79
14	Experimental Evidence for a Direct Cytotoxicity of <i>Loxosceles intermedia</i> (Brown Spider) Venom in Renal Tissue. Journal of Histochemistry and Cytochemistry, 2004, 52, 455-467.	1.3	76
15	Different parkinsonism models produce a time-dependent induction of COX-2 in the substantia nigra of rats. Brain Research, 2006, 1101, 117-125.	1.1	74
16	Epigenetic silencing of the adhesion molecule ADAM23 is highly frequent in breast tumors. Oncogene, 2004, 23, 1481-1488.	2.6	68
17	The COX-2 inhibitor parecoxib produces neuroprotective effects in MPTP-lesioned rats. European Journal of Pharmacology, 2007, 560, 163-175.	1.7	64
18	Indoleamine-2,3-Dioxygenase/Kynurenine Pathway as a Potential Pharmacological Target to Treat Depression Associated with Diabetes. Molecular Neurobiology, 2016, 53, 6997-7009.	1.9	62

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19	The ubiquitin-specific protease USP2a prevents endocytosis-mediated EGFR degradation. <i>Oncogene</i> , 2013, 32, 1660-1669.	2.6	60
20	Toxic effects of DDT and methyl mercury on the hepatocytes from <i>Hoplias malabaricus</i> . <i>Toxicology in Vitro</i> , 2008, 22, 1705-1713.	1.1	59
21	PPAR- $\delta$ agonist pioglitazone reduces microglial proliferation and NF- $\kappa$ B activation in the substantia nigra in the 6-hydroxydopamine model of Parkinson's disease. <i>Pharmacological Reports</i> , 2019, 71, 556-564.	1.5	57
22	Blockage of dopaminergic D2 receptors produces decrease of REM but not of slow wave sleep in rats after REM sleep deprivation. <i>Behavioural Brain Research</i> , 2008, 188, 406-411.	1.2	56
23	ER Stress Induced by Tunicamycin Triggers $\alpha$ -Synuclein Oligomerization, Dopaminergic Neurons Death and Locomotor Impairment: a New Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 5798-5806.	1.9	54
24	ADAM23 Negatively Modulates $\alpha$ 5 $\beta$ 3 Integrin Activation during Metastasis. <i>Cancer Research</i> , 2009, 69, 5546-5552.	0.4	50
25	Fish oil improves anxiety-like, depressive-like and cognitive behaviors in olfactory bulbectomised rats. <i>European Journal of Neuroscience</i> , 2014, 39, 266-274.	1.2	48
26	Decrease in Adult Neurogenesis and Neuroinflammation Are Involved in Spatial Memory Impairment in the Streptozotocin-Induced Model of Sporadic Alzheimer's Disease in Rats. <i>Molecular Neurobiology</i> , 2018, 55, 4280-4296.	1.9	44
27	Identification of miRNAs Enriched in Extracellular Vesicles Derived from Serum Samples of Breast Cancer Patients. <i>Biomolecules</i> , 2020, 10, 150.	1.8	38
28	Electrosprayed superhydrophobic PTFE: a non-contaminating surface. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 7778-7781.	1.3	33
29	Repeated intranigral MPTP administration: A new protocol of prolonged locomotor impairment mimicking Parkinson's disease. <i>Journal of Neuroscience Methods</i> , 2008, 167, 268-277.	1.3	31
30	Saxitoxins induce cytotoxicity, genotoxicity and oxidative stress in teleost neurons <i>in vitro</i> . <i>Toxicol</i> , 2014, 86, 8-15.	0.8	31
31	Maternal Omega-3 Supplement Improves Dopaminergic System in Pre- and Postnatal Inflammation-Induced Neurotoxicity in Parkinson's Disease Model. <i>Molecular Neurobiology</i> , 2017, 54, 2090-2106.	1.9	31
32	Expression profile of interferon stimulated genes in central nervous system of mice infected with dengue virus Type-1. <i>Virology</i> , 2008, 377, 319-329.	1.1	30
33	Tissue distribution of quiescin Q6/sulphydryl oxidase (QSOX) in developing mouse. <i>Journal of Molecular Histology</i> , 2008, 39, 217-225.	1.0	26
34	ADAM33 gene silencing by promoter hypermethylation as a molecular marker in breast invasive lobular carcinoma. <i>BMC Cancer</i> , 2009, 9, 80.	1.1	26
35	REM Sleep Deprivation Reverses Neurochemical and Other Depressive-Like Alterations Induced by Olfactory Bulbectomy. <i>Molecular Neurobiology</i> , 2015, 51, 349-360.	1.9	25
36	High levels of active quiescin Q6 sulphydryl oxidase (QSOX) are selectively present in fetal serum. <i>Redox Report</i> , 2005, 10, 319-323.	1.4	24

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37	Dengue neurovirulence in mice: Identification of molecular signatures in the E and NS3 helicase domains. <i>Journal of Medical Virology</i> , 2007, 79, 1506-1517.	2.5	22
38	Flow cytometric immune profiling of specific-pathogen-free chickens before and after infectious challenges. <i>Veterinary Immunology and Immunopathology</i> , 2012, 145, 32-41.	0.5	21
39	The Antidepressant-Like Effect of Fish Oil: Possible Role of Ventral Hippocampal 5-HT1A Post-synaptic Receptor. <i>Molecular Neurobiology</i> , 2015, 52, 206-215.	1.9	19
40	ADAM23 methylation and expression analysis in brain tumors. <i>Neuroscience Letters</i> , 2005, 380, 260-264.	1.0	17
41	ST11 antagonizes cytoskeleton collapse mediated by small GTPase Rnd1 and regulates neurite growth. <i>Experimental Cell Research</i> , 2014, 324, 84-91.	1.2	17
42	Down regulation of ADAM33 as a Predictive Biomarker of Aggressive Breast Cancer. <i>Scientific Reports</i> , 2017, 7, 44414.	1.6	17
43	De novo galectin-3 expression influences the response of melanoma cells to isatin-Schiff base copper (II) complex-induced oxidative stimulus. <i>Chemico-Biological Interactions</i> , 2013, 206, 37-46.	1.7	16
44	Fish-oil supplementation decreases Indoleamine-2,3-Dioxygenase expression and increases hippocampal serotonin levels in the LPS depression model. <i>Behavioural Brain Research</i> , 2020, 390, 112675.	1.2	16
45	Guanosine promotes B16F10 melanoma cell differentiation through PKC-ERK 1/2 pathway. <i>Chemico-Biological Interactions</i> , 2008, 173, 122-128.	1.7	14
46	Use of hepatocytes from <i>Hoplias malabaricus</i> to characterize the toxicity of a complex mixture of lipophilic halogenated compounds. <i>Toxicology in Vitro</i> , 2007, 21, 706-715.	1.1	13
47	Characterization of a specific interaction between ADAM23 and cellular prion protein. <i>Neuroscience Letters</i> , 2009, 461, 16-20.	1.0	13
48	Genetic ablation of <i>FASN</i> attenuates the invasive potential of prostate cancer driven by <i>Pten</i> loss. <i>Journal of Pathology</i> , 2021, 253, 292-303.	2.1	13
49	The flavo-oxidase QSOX1 supports vascular smooth muscle cell migration and proliferation: Evidence for a role in neointima growth. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1334-1346.	1.8	11
50	Biochemical Characteristics, Adhesion, and Cytotoxicity of Environmental and Clinical Isolates of <i>Herbaspirillum</i> spp. <i>Journal of Clinical Microbiology</i> , 2015, 53, 302-308.	1.8	11
51	Evidence of a Cell Surface Role for Hsp90 Complex Proteins Mediating Neuroblast Migration in the Subventricular Zone. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 138.	1.8	11
52	Hepatocytes primary culture from the Neotropical fish, trahira <i>Hoplias malabaricus</i> (Bloch). <i>Journal of Fish Biology</i> , 2006, 69, 1524-1532.	0.7	9
53	Some biomolecules and a partially O-acetylated exo-galactomannan containing $\beta$ -Gal units from pathogenic <i>Exophiala jeanselmei</i> , having a pronounced immunogenic response. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 177-182.	3.6	8
54	Fish oil supplementation reverses behavioral and neurochemical alterations induced by swimming exercise in rats. <i>Physiology and Behavior</i> , 2018, 194, 95-102.	1.0	7

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55	Quinolone resistance and ornithine decarboxylation activity in lactose-negative <i>Escherichia coli</i> . <i>Brazilian Journal of Microbiology</i> , 2015, 46, 753-757.	0.8	5
56	Quiescin/sulfhydryl oxidase 1b (QSOX1b) induces migration and proliferation of vascular smooth muscle cells by distinct redox pathways. <i>Archives of Biochemistry and Biophysics</i> , 2020, 679, 108220.	1.4	5
57	Identification of novel putative-binding proteins for cellular prion protein and a specific interaction with the STIP1 homology and U-Box-containing protein 1. <i>Prion</i> , 2015, 9, 355-366.	0.9	4
58	Endocytosis of the non-catalytic ADAM23: Recycling and long half-life properties. <i>Experimental Cell Research</i> , 2021, 398, 112415.	1.2	3
59	Production of Potential Vaccine Against <i>Dermatobia hominis</i> for Cattle. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 412-424.	1.4	2
60	Monoclonal Antibody DL11C8 Identifies ADAM23 as a Component of Lipid Raft Microdomains. <i>Neuroscience</i> , 2018, 384, 165-177.	1.1	2
61	Oxidation of apoptosis-inducing factor (AIF) to disulfide-linked conjugates. <i>Archives of Biochemistry and Biophysics</i> , 2020, 692, 108515.	1.4	2
62	Abstract 5392: Exosomal miRNA expression profiling in triple-negative breast cancer. , 2018, , .		0
63	Abstract 3591: Genetic and pharmacological inhibition of fatty acid synthase (FASN) attenuates prostate cancer driven by Pten loss. , 2019, , .		0