Vilma R Martins

List of Publications by Year
in descending order

115	15,879	61984 43	24982 109
papers	citations	h-index	g-index

121	121	121	20972
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MT1 and MT2 melatonin receptors play opposite roles in brain cancer progression. Journal of Molecular Medicine, 2021, 99, 289-301.	3.9	15
2	Aberrant expression of RSK1 characterizes highâ€grade gliomas with immune infiltration. Molecular Oncology, 2020, 14, 159-179.	4.6	15
3	Modulation of hippocampal neuronal resilience during aging by the Hsp70/Hsp90 coâ€chaperone STI1. Journal of Neurochemistry, 2020, 153, 727-758.	3.9	16
4	Second-Generation RT-QuIC Assay for the Diagnosis of Creutzfeldt-Jakob Disease Patients in Brazil. Frontiers in Bioengineering and Biotechnology, 2020, 8, 929.	4.1	8
5	Environmental control of mammary carcinoma cell expansion by acidification and spheroid formation in vitro. Scientific Reports, 2020, 10, 21959.	3.3	3
6	Sleep deprivation regulates availability of PrP^C and AÎ² peptides which can impair interaction between PrP^C and laminin and neuronal plasticity. Journal of Neurochemistry, 2020, 153, 377-389.	3.9	8
7	Polysome Profiling of a Human Glioblastoma Reveals Intratumoral Heterogeneity. International Journal of Molecular Sciences, 2019, 20, 2177.	4.1	8
8	Rab5C enhances resistance to ionizing radiation in rectal cancer. Journal of Molecular Medicine, 2019, 97, 855-869.	3.9	16
9	Loss of <scp>STI</scp>1â€mediated neuronal survival and differentiation in diseaseâ€associated mutations of prion protein. Journal of Neurochemistry, 2018, 145, 409-416.	3.9	5
10	Overexpression of mTOR and p(240â€“244)S6 in IDH1 Wild-Type Human Glioblastomas Is Predictive of Low Survival. Journal of Histochemistry and Cytochemistry, 2018, 66, 403-414.	2.5	15
11	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
12	Tissue alkalosis in cold-ischemia time. Scientific Reports, 2017, 7, 10867.	3.3	5
13	Engagement of cellular prion protein with the co-chaperone Hsp70/90 organizing protein regulates the proliferation of glioblastoma stem-like cells. Stem Cell Research and Therapy, 2017, 8, 76.	5.5	30
14	Evaluation of Akt and RICTOR Expression Levels in Astrocytomas of All Grades. Journal of Histochemistry and Cytochemistry, 2017, 65, 93-103.	2.5	23
15	Loss of prion protein is associated with the development of insulin resistance and obesity. Biochemical Journal, 2017, 474, 2981-2991.	3.7	18
16	High phenotypic variability in Gerstmann-StrÃussler-Scheinker disease. Arquivos De Neuro-Psiquiatria, 2017, 75, 331-338.	0.8	12
17	Unconventional Secretion of Heat Shock Proteins in Cancer. International Journal of Molecular Sciences, 2017, 18, 946.	4.1	54
18	Evidence of a Cell Surface Role for Hsp90 Complex Proteins Mediating Neuroblast Migration in the Subventricular Zone. Frontiers in Cellular Neuroscience, 2017, 11, 138.	3.7	11

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19	Iron-Restricted Diet Affects Brain Ferritin Levels, Dopamine Metabolism and Cellular Prion Protein in a Region-Specific Manner. Frontiers in Molecular Neuroscience, 2017, 10, 145.	2.9	37
20	Nuclear unphosphorylated STAT3 correlates with a worse prognosis in human glioblastoma. Pathology Research and Practice, 2016, 212, 517-523.	2.3	12
21	Prion protein binding to HOP modulates the migration and invasion of colorectal cancer cells. Clinical and Experimental Metastasis, 2016, 33, 441-451.	3.3	19
22	Prion protein in exosomes: partnering AÎ² peptides and driving fibrilization. Journal of Neurochemistry, 2016, 137, 9-11.	3.9	1
23	PRNP/prion protein regulates the secretion of exosomes modulating CAV1/caveolin-1-suppressed autophagy. Autophagy, 2016, 12, 2113-2128.	9.1	54
24	Expression of Tyrosine Hydroxylase is Negatively Regulated Via Prion Protein. Neurochemical Research, 2016, 41, 1691-1699.	3.3	2
25	257 Heterogeneous expression of A33 in colorectal cancer: Possible explanation for A33 antibody treatment failure. European Journal of Cancer, 2015, 51, S45.	2.8	0
26	Hyperactivity and attention deficits in mice with decreased levels of stress inducible phosphoprotein 1 (STIP1). DMM Disease Models and Mechanisms, 2015, 8, 1457-66.	2.4	25
27	Dopamine induces the accumulation of insoluble prion protein and affects autophagic flux. Frontiers in Cellular Neuroscience, 2015, 9, 12.	3.7	20
28	Two widely used RSK inhibitors, BI-D1870 and SL0101, alter mTORC1 signaling in a RSK-independent manner. Cellular Signalling, 2015, 27, 1630-1642.	3.6	32
29	Targeting prion protein interactions in cancer. Prion, 2015, 9, 165-173.	1.8	33
30	Disruption of prion proteinâ€“HOP engagement impairs glioblastoma growth and cognitive decline and improves overall survival. Oncogene, 2015, 34, 3305-3314.	5.9	47
31	Abstract 5101: The control of migration and invasion processes in colorectal adenocarcinoma is modulated by prion protein and its ligand STI1/HOP. , 2015, , .		0
32	Abstract 4037: The pattern of extracellular vesicles secretion and their role in head and neck squamous cell carcinoma. , 2015, , .		0
33	L-Methionine inhibits growth of human pancreatic cancer cells. Anti-Cancer Drugs, 2014, 25, 200-203.	1.4	14
34	The growth of glioblastoma orthotopic xenografts in nude mice is directly correlated with impaired object recognition memory. Physiology and Behavior, 2014, 123, 55-61.	2.1	8
35	Prnp gene and cerebellum volume in patients with refractory mesial temporal lobe epilepsy. Neurological Sciences, 2014, 35, 239-244.	1.9	1
36	STI1 antagonizes cytoskeleton collapse mediated by small GTPase Rnd1 and regulates neurite growth. Experimental Cell Research, 2014, 324, 84-91.	2.6	17

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37	Abstract 4880: Regulation of extracellular microvesicles secretion by Rab27b in glioblastoma multiforme. , 2014, , .		0
38	Abstract 4444: The role of small GTPase Rab7 in the secretion of extracellular microvesicles by head and neck squamous cells carcinoma. , 2014, , .		0
39	Abstract 4051: Prion protein and its ligand STI1/HOP modulate migration and invasion of cell lines derived from colorectal tumors. , 2014, , .		0
40	Stressâ€inducible phosphoprotein 1 has unique cochaperone activity during development and regulates cellular response to ischemiaviathe prion protein. FASEB Journal, 2013, 27, 3594-3607.	0.5	86
41	Lamininâ€Î³1 chain and stress inducible protein 1 synergistically mediate Pr<scp>P^C</scp>â€dependent axonal growth via Ca²⁺ mobilization in dorsal root ganglia neurons. Journal of Neurochemistry, 2013, 124, 210-223.	3.9	27
42	High levels of Cellular Prion Protein improve astrocyte development. FEBS Letters, 2013, 587, 238-244.	2.8	27
43	Increased prion protein processing and expression of metabotropic glutamate receptor 1 in a mouse model of Alzheimer's disease. Journal of Neurochemistry, 2013, 127, 415-425.	3.9	35
44	The unconventional secretion of stress-inducible protein 1 by a heterogeneous population of extracellular vesicles. Cellular and Molecular Life Sciences, 2013, 70, 3211-3227.	5.4	52
45	Regulation of Stress-Inducible Phosphoprotein 1 Nuclear Retention by Protein Inhibitor of Activated STAT PIAS1. Molecular and Cellular Proteomics, 2013, 12, 3253-3270.	3.8	25
46	Complex movement disorders in fatal familial insomnia: A clinical and genetic discussion. Neurology, 2013, 81, 1098-1099.	1.1	16
47	Tumor-cell-derived microvesicles as carriers of molecular information in cancer. Current Opinion in Oncology, 2013, 25, 66-75.	2.4	185
48	A Comparison between Manual and Automated Evaluations of Tissue Microarray Patterns of Protein Expression. Journal of Histochemistry and Cytochemistry, 2013, 61, 272-282.	2.5	21
49	The Prion Protein Ligand, Stress-Inducible Phosphoprotein 1, Regulates Amyloid-Î² Oligomer Toxicity. Journal of Neuroscience, 2013, 33, 16552-16564.	3.6	70
50	Codon 129 polymorphism of prion protein gene in is not a risk factor for Alzheimer's disease. Arquivos De Neuro-Psiquiatria, 2013, 71, 423-427.	0.8	5
51	Abstract 4400: The levels of Prion protein and its ligand HOP modulate glioblastoma proliferation and predict a lower survival outcome.. , 2013, , .		0
52	Disease-associated Mutations in the Prion Protein Impair Laminin-induced Process Outgrowth and Survival. Journal of Biological Chemistry, 2012, 287, 43777-43788.	3.4	7
53	Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. Nature Medicine, 2012, 18, 883-891.	30.7	3,098
54	PrPC displays an essential protective role from oxidative stress in an astrocyte cell line derived from PrPC knockout mice. Biochemical and Biophysical Research Communications, 2012, 418, 27-32.	2.1	45

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55	Amyloid-beta oligomers increase the localization of prion protein at the cell surface. Journal of Neurochemistry, 2011, 117, 538-553.	3.9	60
56	Enhanced Neural Progenitor/Stem Cells Self-Renewal via the Interaction of Stress-Inducible Protein 1 with the Prion Protein. Stem Cells, 2011, 29, 1126-1136.	3.2	65
57	Metabotropic glutamate receptors transduce signals for neurite outgrowth after binding of the prion protein to laminili Î³1 chain. FASEB Journal, 2011, 25, 265-279.	0.5	109
58	Role of Î±7 Nicotinic Acetylcholine Receptor in Calcium Signaling Induced by Prion Protein Interaction with Stress-inducible Protein 1. Journal of Biological Chemistry, 2010, 285, 36542-36550.	3.4	92
59	Prion protein interaction with stress-inducible protein 1 enhances neuronal protein synthesis via mTOR. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13147-13152.	7.1	93
60	Prion Protein: Orchestrating Neurotrophic Activities. Current Issues in Molecular Biology, 2010, , .	2.4	29
61	Prion protein and its ligand stress inducible protein 1 regulate astrocyte development. Glia, 2009, 57, 1439-1449.	4.9	58
62	Prion protein ablation increases cellular aggregation and embolization contributing to mechanisms of metastasis. International Journal of Cancer, 2009, 125, 1523-1531.	5.1	13
63	Developmental expression of prion protein and its ligands stressâ€inducible protein 1 and vitronectin. Journal of Comparative Neurology, 2009, 517, 371-384.	1.6	24
64	Characterization of a specific interaction between ADAM23 and cellular prion protein. Neuroscience Letters, 2009, 461, 16-20.	2.1	13
65	Internalization of mammalian fluorescent cellular prion protein and N-terminal deletion mutants in living cells. Journal of Neurochemistry, 2008, 79, 79-87.	3.9	100
66	Physiology of the Prion Protein. Physiological Reviews, 2008, 88, 673-728.	28.8	523
67	Endocytosis of Prion Protein Is Required for ERK1/2 Signaling Induced by Stress-Inducible Protein 1. Journal of Neuroscience, 2008, 28, 6691-6702.	3.6	86
68	Cellular prion protein interaction with vitronectin supports axonal growth and is compensated by integrins. Journal of Cell Science, 2007, 120, 1915-1926.	2.0	79
69	Is There a Role for Cellular Prion Protein in Intrathymic T Cell Differentiation and Migration?. NeuroImmunoModulation, 2007, 14, 213-219.	1.8	10
70	STI1 promotes glioma proliferation through MAPK and PI3K pathways. Glia, 2007, 55, 1690-1698.	4.9	83
71	Cellular prion protein expression in astrocytes modulates neuronal survival and differentiation. Journal of Neurochemistry, 2007, 103, 2164-2176.	3.9	105
72	Short-term memory formation and long-term memory consolidation are enhanced by cellular prion association to stress-inducible protein 1. Neurobiology of Disease, 2007, 26, 282-290.	4.4	77

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73	Cognitive performance of patients with mesial temporal lobe epilepsy is not associated with human prion protein gene variant allele at codons 129 and 171. Epilepsy and Behavior, 2006, 8, 635-642.	1.7	13
74	The interaction between prion protein and laminin modulates memory consolidation. European Journal of Neuroscience, 2006, 24, 3255-3264.	2.6	66
75	Synaptosomal glutamate release and uptake in mice lacking the cellular prion protein. Brain Research, 2006, 1075, 13-19.	2.2	13
76	Role of cellular prion protein on LTP expression in aged mice. Brain Research, 2006, 1097, 11-18.	2.2	36
77	Induction of cellular prion protein gene expression by copper in neurons. American Journal of Physiology - Cell Physiology, 2006, 290, C271-C281.	4.6	58
78	Dilated Cardiomyopathy and Creutzfeldt-Jakob Disease: Evidence for a Role of Cellular Prion Protein in the Heart?. Archives of Internal Medicine, 2005, 165, 1663.	3.8	3
79	Interaction of Cellular Prion and Stress-Inducible Protein 1 Promotes Neuritogenesis and Neuroprotection by Distinct Signaling Pathways. Journal of Neuroscience, 2005, 25, 11330-11339.	3.6	239
80	Normal brain mitochondrial respiration in adult mice lacking cellular prion protein. Neuroscience Letters, 2005, 375, 203-206.	2.1	18
81	Altered behavioural response to acute stress in mice lacking cellular prion protein. Behavioural Brain Research, 2005, 162, 173-181.	2.2	43
82	The Amino-Terminal PrP Domain Is Crucial to Modulate Prion Misfolding and Aggregation. Biophysical Journal, 2005, 89, 2667-2676.	0.5	57
83	Asymmetric cortical high signal on diffusion weighted-MRI in a case of Creutzfeldt-Jakob disease. Arquivos De Neuro-Psiquiatria, 2005, 63, 519-522.	0.8	4
84	Cortical malformations are associated with a rare polymorphism of cellular prion protein. Neurology, 2004, 63, 557-560.	1.1	8
85	PrP^c on the road: trafficking of the cellular prion protein. Journal of Neurochemistry, 2004, 88, 769-781.	3.9	88
86	High capacity and low cost detection of prion protein gene variant alleles by denaturing HPLC. Journal of Neuroscience Methods, 2004, 139, 263-269.	2.5	10
87	Hippocampal synaptic plasticity in mice devoid of cellular prion protein. Molecular Brain Research, 2004, 131, 58-64.	2.3	61
88	Towards cellular receptors for prions. Reviews in Medical Virology, 2003, 13, 399-408.	8.3	51
89	Surgical outcome in mesial temporal sclerosis correlates with prion protein gene variant. Neurology, 2003, 61, 1204-1210.	1.1	48
90	Cellular prion protein ablation impairs behavior as a function of age. NeuroReport, 2003, 14, 1375-1379.	1.2	38

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91	Endocytic Intermediates Involved with the Intracellular Trafficking of a Fluorescent Cellular Prion Protein. Journal of Biological Chemistry, 2002, 277, 33311-33318.	3.4	105
92	Regulation of the Cellular Prion Protein Gene Expression Depends on Chromatin Conformation. Journal of Biological Chemistry, 2002, 277, 5675-5682.	3.4	24
93	Cellular prion protein: on the road for functions. FEBS Letters, 2002, 512, 25-28.	2.8	123
94	Decreased hyperlocomotion induced by MK-801, but not amphetamine and caffeine in mice lacking cellular prion protein (PrPC). Molecular Brain Research, 2002, 107, 190-194.	2.3	16
95	The biology of the cellular prion protein. Neurochemistry International, 2002, 41, 353-355.	3.8	33
96	Cellular prion protein: implications in seizures and epilepsy. Cellular and Molecular Neurobiology, 2002, 22, 249-257.	3.3	45
97	Cellular prion protein transduces neuroprotective signals. EMBO Journal, 2002, 21, 3317-3326.	7.8	320
98	Stress-inducible protein 1 is a cell surface ligand for cellular prion that triggers neuroprotection. EMBO Journal, 2002, 21, 3307-3316.	7.8	374
99	Repression of glucocorticoid receptor gene transcription by c-Jun. Molecular and Cellular Endocrinology, 2001, 175, 67-79.	3.2	13
100	Changes in cortical and hippocampal ectonucleotidase activities in mice lacking cellular prion protein. Neuroscience Letters, 2001, 301, 72-74.	2.1	18
101	Insights into the physiological function of cellular prion protein. Brazilian Journal of Medical and Biological Research, 2001, 34, 585-595.	1.5	57
102	Time-dependent enhancement of inhibitory avoidance retention and MAPK activation by post-training infusion of nerve growth factor into CA1 region of hippocampus of adult rats. European Journal of Neuroscience, 2000, 12, 2185-2189.	2.6	23
103	Cellular prion protein binds laminin and mediates neuritogenesis. Molecular Brain Research, 2000, 76, 85-92.	2.3	279
104	Laminin‚Äêinduced PC‚Äê12 cell differentiation is inhibited following laser inactivation of cellular prion protein. FEBS Letters, 2000, 482, 257-260.	2.8	110
105	A receptor for infectious and cellular prion protein. Brazilian Journal of Medical and Biological Research, 1999, 32, 853-859.	1.5	7
106	Increased Sensitivity to Seizures in Mice Lacking Cellular Prion Protein. Epilepsia, 1999, 40, 1679-1682.	5.1	170
107	Normal inhibitory avoidance learning and anxiety, but increased locomotor activity in mice devoid of PrPC. Molecular Brain Research, 1999, 71, 349-353.	2.3	85
108	Complementary hydropathy identifies a cellular prion protein receptor. Nature Medicine, 1997, 3, 1376-1382.	30.7	173

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109	Attenuation of glucocorticoid receptor levels by the H-ras oncogene. Endocrine, 1995, 3, 305-312.	2.2	2
110	Demonstration by Confocal Microscopy that Unliganded Overexpressed Glucocorticoid Receptors are Distributed in a Nonrandom Manner throughout All Planes of the Nucleus. Molecular Endocrinology, 1991, 5, 217-225.	3.7	69
111	The effects of ras gene expression on glucocoticoid receptors in mouse fibroblasts. Journal of Steroid Biochemistry and Molecular Biology, 1990, 37, 183-193.	2.5	7
112	A Role for the Laminin Receptor in Leukocyte Chemotaxis. Journal of Leukocyte Biology, 1987, 41, 220-227.	3.3	42
113	Glucocorticoid receptors in subpopulations of human lymphocytes defined by monoclonal antibodies. Cellular Immunology, 1987, 105, 443-446.	3.0	12
114	Regulation of the Glucocorticoid Receptor by Glucocorticoids in Human Mononuclear Leukocytes. Hormone Research, 1986, 24, 9-17.	1.8	11
115	Steroid Receptors in Intracranial Tumors. Clinical Neuropharmacology, 1984, 7, 347-350.	0.7	43