

Sophie Mouillet-Richard

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,046
citations

236833

25
h-index

155592

55
g-index

64
all docs

64
docs citations

64
times ranked

3332
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal Transduction Through Prion Protein. <i>Science</i> , 2000, 289, 1925-1928.	6.0	701
2	MiR-16 Targets the Serotonin Transporter: A New Facet for Adaptive Responses to Antidepressants. <i>Science</i> , 2010, 329, 1537-1541.	6.0	429
3	NADPH oxidase and extracellular regulated kinases 1/2 are targets of prion protein signaling in neuronal and nonneuronal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13326-13331.	3.3	169
4	14-3-3 Protein, Neuron-Specific Enolase, and S-100 Protein in Cerebrospinal Fluid of Patients with Creutzfeldt-Jakob Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1999, 10, 40-46.	0.7	137
5	PDZ-dependent Activation of Nitric-oxide Synthases by the Serotonin 2B Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 9324-9331.	1.6	111
6	Raphe-mediated signals control the hippocampal response to SRI antidepressants via miR-16. <i>Translational Psychiatry</i> , 2011, 1, e56-e56.	2.4	108
7	PDK1 decreases TACE-mediated β -secretase activity and promotes disease progression in prion and Alzheimer's diseases. <i>Nature Medicine</i> , 2013, 19, 1124-1131.	15.2	108
8	MicroRNAs and depression. <i>Neurobiology of Disease</i> , 2012, 46, 272-278.	2.1	95
9	Neuritogenesis: the prion protein controls β 1 integrin signaling activity. <i>FASEB Journal</i> , 2012, 26, 678-690.	0.2	90
10	Regulation by Neurotransmitter Receptors of Serotonergic or Catecholaminergic Neuronal Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2000, 275, 9186-9192.	1.6	89
11	Overstimulation of PrPC Signaling Pathways by Prion Peptide 106-126 Causes Oxidative Injury of Bioaminergic Neuronal Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 28470-28479.	1.6	64
12	Evolving views in prion glycosylation: functional and pathological implications. <i>Biochimie</i> , 2003, 85, 33-45.	1.3	52
13	Modulation of Serotonergic Receptor Signaling and Cross-talk by Prion Protein*. <i>Journal of Biological Chemistry</i> , 2005, 280, 4592-4601.	1.6	50
14	Reactive oxygen species-dependent TNF α converting enzyme activation through stimulation of 5-HT 2B and 1D autoreceptors in neuronal cells. <i>FASEB Journal</i> , 2005, 19, 1078-1087.	0.2	42
15	PrPC from stem cells to cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 55.	1.8	39
16	Cellular Prion Protein Signaling in Serotonergic Neuronal Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 106-119.	1.8	37
17	The Cellular Prion Protein: A Player in Immunological Quiescence. <i>Frontiers in Immunology</i> , 2015, 6, 450.	2.2	37
18	Biological and Biochemical Characteristics of Prion Strains Conserved in Persistently Infected Cell Cultures. <i>Journal of Virology</i> , 2005, 79, 7104-7112.	1.5	36

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19	The Cellular Prion Protein Interacts with the Tissue Non-Specific Alkaline Phosphatase in Membrane Microdomains of Bioaminergic Neuronal Cells. <i>PLoS ONE</i> , 2009, 4, e6497.	1.1	36
20	Prion protein and neuronal differentiation: quantitative analysis of prnp gene expression in a murine inducible neuroectodermal progenitor. <i>Microbes and Infection</i> , 1999, 1, 969-976.	1.0	31
21	Noxp20 and Noxp70, two new markers of early neuronal differentiation, detected in teratocarcinoma-derived neuroectodermic precursor cells. <i>Journal of Neurochemistry</i> , 2006, 99, 657-669.	2.1	29
22	CREB-dependent gene regulation by prion protein: Impact on MMP-9 and β -dystroglycan. <i>Cellular Signalling</i> , 2008, 20, 2050-2058.	1.7	29
23	Serotonergic 5-HT2B Receptor Controls Tissue-nonspecific Alkaline Phosphatase Activity in Osteoblasts via Eicosanoids and Phosphatidylinositol-specific Phospholipase C. <i>Journal of Biological Chemistry</i> , 2010, 285, 26066-26073.	1.6	29
24	New views on antidepressant action. <i>Current Opinion in Neurobiology</i> , 2011, 21, 858-865.	2.0	27
25	Mouse 5-HT2B Receptor-mediated Serotonin Trophic Functions. <i>Annals of the New York Academy of Sciences</i> , 1998, 861, 67-73.	1.8	26
26	Understanding the neurospecificity of Prion protein signaling. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 169.	3.0	26
27	Pathogenic prions deviate PrPC signaling in neuronal cells and impair A-beta clearance. <i>Cell Death and Disease</i> , 2013, 4, e456-e456.	2.7	25
28	PrPC signalling in neurons: From basics to clinical challenges. <i>Biochimie</i> , 2014, 104, 2-11.	1.3	25
29	A PrPC-caveolin-Lyn complex negatively controls neuronal GSK3 β and serotonin 1B receptor. <i>Scientific Reports</i> , 2014, 4, 4881.	1.6	25
30	Intratumor CMS Heterogeneity Impacts Patient Prognosis in Localized Colon Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4768-4780.	3.2	25
31	The cellular prion protein controls the mesenchymal-like molecular subtype and predicts disease outcome in colorectal cancer. <i>EBioMedicine</i> , 2019, 46, 94-104.	2.7	24
32	Mutation at codon 210 (V210I) of the prion protein gene in a North African patient with Creutzfeldt-Jakob disease. <i>Journal of the Neurological Sciences</i> , 1999, 168, 141-144.	0.3	23
33	Cellular prion protein coupling to TACE-dependent TNF α shedding controls neurotransmitter catabolism in neuronal cells. <i>Journal of Neurochemistry</i> , 2009, 110, 912-923.	2.1	23
34	The Cellular Prion Protein Controls Notch Signaling in Neural Stem/Progenitor Cells. <i>Stem Cells</i> , 2017, 35, 754-765.	1.4	22
35	Prions Impair Bioaminergic Functions through Serotonin- or Catecholamine-derived Neurotoxins in Neuronal Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 23782-23790.	1.6	21
36	Hijacking PrPC-dependent signal transduction: when prions impair A β clearance. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 25.	1.7	20

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37	Functions of the Prion Protein. Progress in Molecular Biology and Translational Science, 2017, 150, 1-34.	0.9	20
38	To develop with or without the prion protein. Frontiers in Cell and Developmental Biology, 2014, 2, 58.	1.8	16
39	Early dysfunction of central 5-HT system in a murine model of bovine spongiform encephalopathy. Neuroscience, 2009, 160, 731-743.	1.1	15
40	YAP/TAZ Signalling in Colorectal Cancer: Lessons from Consensus Molecular Subtypes. Cancers, 2020, 12, 3160.	1.7	15
41	The prion protein family: a view from the placenta. Frontiers in Cell and Developmental Biology, 2014, 2, 35.	1.8	13
42	The cellular prion protein beyond prion diseases. Swiss Medical Weekly, 2020, 150, w20222.	0.8	13
43	A new AMPK activator, GSK773, corrects fatty acid oxidation and differentiation defect in CPT2-deficient myotubes. Human Molecular Genetics, 2018, 27, 3417-3433.	1.4	12
44	Prion protein localizes at the ciliary base during neural and cardiovascular development and its depletion affects β -tubulin post-translational modifications. Scientific Reports, 2015, 5, 17146.	1.6	11
45	Prognostic value of the PrP ^C -ILK-IDO1 axis in the mesenchymal colorectal cancer subtype. OncoImmunology, 2021, 10, 1940674.	2.1	11
46	The Cellular Prion Protein and the Hallmarks of Cancer. Cancers, 2021, 13, 5032.	1.7	11
47	Control of Bioamine Metabolism by 5-HT _{2B} and β -1DAutoreceptors through Reactive Oxygen Species and Tumor Necrosis Factor- α Signaling in Neuronal Cells. Annals of the New York Academy of Sciences, 2006, 1091, 123-141.	1.8	10
48	The Prion-like protein Shadoo is involved in mouse embryonic and mammary development and differentiation. Scientific Reports, 2020, 10, 6765.	1.6	10
49	Epigenetic Control of the Notch and Eph Signaling Pathways by the Prion Protein: Implications for Prion Diseases. Molecular Neurobiology, 2019, 56, 2159-2173.	1.9	5
50	Promiscuous functions of the prion protein family. Frontiers in Cell and Developmental Biology, 2015, 3, 7.	1.8	4
51	The cellular prion protein is a stress protein secreted by renal tubular cells and a urinary marker of kidney injury. Cell Death and Disease, 2020, 11, 243.	2.7	4
52	From stem cells to prion signalling. Comptes Rendus - Biologies, 2002, 325, 9-15.	0.1	2
53	Cellular prion protein dysfunction in a prototypical inherited metabolic myopathy. Cellular and Molecular Life Sciences, 2021, 78, 2157-2167.	2.4	2
54	Co-invalidation of Prnp and Sprn in FVB/N mice affects reproductive performances and highlight complex biological relationship between PrP and Shadoo. Biochemical and Biophysical Research Communications, 2021, 551, 1-6.	1.0	2

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55	Cellular prion protein is required for neuritogenesis: fine-tuning of multiple signaling pathways involved in focal adhesions and actin cytoskeleton dynamics. Cell Health and Cytoskeleton, 0, , 1.	0.7	1
56	ERBB2 in anti-EGFR-resistant colorectal cancer: cancer stem cells come into play. Gut, 2022, 71, gutjnl-2020-323924.	6.1	0
57	Les pistes pour dÃ©busquer le rÃ´le de la protÃ©ine prion dans les cellules neuronales.. Medecine/Sciences, 2001, 17, 402.	0.0	0
58	Promiscuous Functions of the Prion Protein Gene Family. Frontiers Research Topics, 0, , .	0.2	0