

# Sophie Mouillet-Richard

## List of Publications by Year in Descending Order

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**Version:** 2024-04-11

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56 papers	2,552 citations	24 h-index	50 g-index
64 ext. papers	2,804 ext. citations	7.5 avg, IF	4.44 L-index

#	Paper	IF	Citations
56	ERBB2 in anti-EGFR-resistant colorectal cancer: cancer stem cells come into play. <i>Gut</i> , <b>2022</b> , 71, 4-5	19.2	
55	The Cellular Prion Protein and the Hallmarks of Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
54	Co-invalidation of Prnp and Sprn in FVB/N mice affects reproductive performances and highlight complex biological relationship between PrP and Shadoo. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 551, 1-6	3.4	0
53	Intratumor CMS Heterogeneity Impacts Patient Prognosis in Localized Colon Cancer. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 4768-4780	12.9	5
52	Cellular prion protein dysfunction in a prototypical inherited metabolic myopathy. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 2157-2167	10.3	0
51	Prognostic value of the PrP-ILK-IDO1 axis in the mesenchymal colorectal cancer subtype. <i>Oncolmmunology</i> , <b>2021</b> , 10, 1940674	7.2	4
50	The Prion-like protein Shadoo is involved in mouse embryonic and mammary development and differentiation. <i>Scientific Reports</i> , <b>2020</b> , 10, 6765	4.9	5
49	The cellular prion protein is a stress protein secreted by renal tubular cells and a urinary marker of kidney injury. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 243	9.8	3
48	The cellular prion protein beyond prion diseases. <i>Swiss Medical Weekly</i> , <b>2020</b> , 150, w20222	3.1	8
47	YAP/TAZ Signalling in Colorectal Cancer: Lessons from Consensus Molecular Subtypes. <i>Cancers</i> , <b>2020</b> , 12,	6.6	5
46	Epigenetic Control of the Notch and Eph Signaling Pathways by the Prion Protein: Implications for Prion Diseases. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 2159-2173	6.2	3
45	The cellular prion protein controls the mesenchymal-like molecular subtype and predicts disease outcome in colorectal cancer. <i>EBioMedicine</i> , <b>2019</b> , 46, 94-104	8.8	17
44	A new AMPK activator, GSK773, corrects fatty acid oxidation and differentiation defect in CPT2-deficient myotubes. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 3417-3433	5.6	10
43	Functions of the Prion Protein. <i>Progress in Molecular Biology and Translational Science</i> , <b>2017</b> , 150, 1-34	4	13
42	The Cellular Prion Protein Controls Notch Signaling in Neural Stem/Progenitor Cells. <i>Stem Cells</i> , <b>2017</b> , 35, 754-765	5.8	16
41	Prion protein localizes at the ciliary base during neural and cardiovascular development, and its depletion affects Eubulin post-translational modifications. <i>Scientific Reports</i> , <b>2015</b> , 5, 17146	4.9	4
40	Promiscuous functions of the prion protein family. <i>Frontiers in Cell and Developmental Biology</i> , <b>2015</b> , 3, 7	5.7	4

39	The Cellular Prion Protein: A Player in Immunological Quiescence. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 450	8.4	31
38	PrP(C) signalling in neurons: from basics to clinical challenges. <i>Biochimie</i> , <b>2014</b> , 104, 2-11	4.6	24
37	A PrP(C)-caveolin-Lyn complex negatively controls neuronal GSK3 $\beta$ and serotonin 1B receptor. <i>Scientific Reports</i> , <b>2014</b> , 4, 4881	4.9	22
36	The prion protein family: a view from the placenta. <i>Frontiers in Cell and Developmental Biology</i> , <b>2014</b> , 2, 35	5.7	10
35	PrP(C) from stem cells to cancer. <i>Frontiers in Cell and Developmental Biology</i> , <b>2014</b> , 2, 55	5.7	35
34	To develop with or without the prion protein. <i>Frontiers in Cell and Developmental Biology</i> , <b>2014</b> , 2, 58	5.7	13
33	Hijacking PrP(c)-dependent signal transduction: when prions impair A $\beta$ clearance. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 25	5.3	20
32	PDK1 decreases TACE-mediated $\beta$ -secretase activity and promotes disease progression in prion and Alzheimer's diseases. <i>Nature Medicine</i> , <b>2013</b> , 19, 1124-31	50.5	78
31	Cellular prion protein is required for neuritogenesis: fine-tuning of multiple signaling pathways involved in focal adhesions and actin cytoskeleton dynamics. <i>Cell Health and Cytoskeleton</i> , <b>2013</b> , 1		1
30	Pathogenic prions deviate PrP(C) signaling in neuronal cells and impair A-beta clearance. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e456	9.8	23
29	MicroRNAs and depression. <i>Neurobiology of Disease</i> , <b>2012</b> , 46, 272-8	7.5	71
28	Neuritogenesis: the prion protein controls $\beta$ 1 integrin signaling activity. <i>FASEB Journal</i> , <b>2012</b> , 26, 678-90	0.9	79
27	Understanding the neurospecificity of Prion protein signaling. <i>Frontiers in Bioscience - Landmark</i> , <b>2011</b> , 16, 169-86	2.8	24
26	New views on antidepressant action. <i>Current Opinion in Neurobiology</i> , <b>2011</b> , 21, 858-65	7.6	26
25	Raphe-mediated signals control the hippocampal response to SRI antidepressants via miR-16. <i>Translational Psychiatry</i> , <b>2011</b> , 1, e56	8.6	89
24	Serotonergic 5-HT(2B) receptor controls tissue-nonspecific alkaline phosphatase activity in osteoblasts via eicosanoids and phosphatidylinositol-specific phospholipase C. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 26066-73	5.4	24
23	miR-16 targets the serotonin transporter: a new facet for adaptive responses to antidepressants. <i>Science</i> , <b>2010</b> , 329, 1537-41	33.3	357
22	Cellular prion protein coupling to TACE-dependent TNF-alpha shedding controls neurotransmitter catabolism in neuronal cells. <i>Journal of Neurochemistry</i> , <b>2009</b> , 110, 912-23	6	22

21	Early dysfunction of central 5-HT system in a murine model of bovine spongiform encephalopathy. <i>Neuroscience</i> , <b>2009</b> , 160, 731-43	3.9	15
20	The cellular prion protein interacts with the tissue non-specific alkaline phosphatase in membrane microdomains of bioaminergic neuronal cells. <i>PLoS ONE</i> , <b>2009</b> , 4, e6497	3.7	33
19	CREB-dependent gene regulation by prion protein: impact on MMP-9 and beta-dystroglycan. <i>Cellular Signalling</i> , <b>2008</b> , 20, 2050-8	4.9	26
18	Prions impair bioaminergic functions through serotonin- or catecholamine-derived neurotoxins in neuronal cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 23782-90	5.4	18
17	Cellular prion protein signaling in serotonergic neuronal cells. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1096, 106-19	6.5	28
16	Overstimulation of PrPC signaling pathways by prion peptide 106-126 causes oxidative injury of bioaminergic neuronal cells. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 28470-9	5.4	58
15	Noxp20 and Noxp70, two new markers of early neuronal differentiation, detected in teratocarcinoma-derived neuroectodermic precursor cells. <i>Journal of Neurochemistry</i> , <b>2006</b> , 99, 657-69	6	23
14	Control of bioamine metabolism by 5-HT2B and alpha 1D autoreceptors through reactive oxygen species and tumor necrosis factor-alpha signaling in neuronal cells. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1091, 123-41	6.5	10
13	Modulation of serotonergic receptor signaling and cross-talk by prion protein. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 4592-601	5.4	41
12	Biological and biochemical characteristics of prion strains conserved in persistently infected cell cultures. <i>Journal of Virology</i> , <b>2005</b> , 79, 7104-12	6.6	32
11	Reactive oxygen species-dependent TNF-alpha converting enzyme activation through stimulation of 5-HT2B and alpha1D autoreceptors in neuronal cells. <i>FASEB Journal</i> , <b>2005</b> , 19, 1078-87	0.9	37
10	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> , <b>2003</b> , 100, 13326-31	11.5	158
9	Evolving views in prion glycosylation: functional and pathological implications. <i>Biochimie</i> , <b>2003</b> , 85, 33-45	4.6	48
8	From stem cells to prion signalling. <i>Comptes Rendus - Biologies</i> , <b>2002</b> , 325, 9-15	1.4	1
7	PDZ-dependent activation of nitric-oxide synthases by the serotonin 2B receptor. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 9324-31	5.4	97
6	Regulation by neurotransmitter receptors of serotonergic or catecholaminergic neuronal cell differentiation. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 9186-92	5.4	77
5	Signal transduction through prion protein. <i>Science</i> , <b>2000</b> , 289, 1925-8	33.3	624
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> , <b>1999</b> , 10, 40-6	2.6	106

3	Prion protein and neuronal differentiation: quantitative analysis of prnp gene expression in a murine inducible neuroectodermal progenitor. <i>Microbes and Infection</i> , <b>1999</b> , 1, 969-76	9.3	29
2	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> , <b>1999</b> , 168, 141-4	3.2	15
1	Mouse 5-HT <sub>2B</sub> receptor-mediated serotonin trophic functions. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 861, 67-73	6.5	25