Sophie Mouillet-Richard

List of Publications by Year
in descending order

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	ERBB2 in anti-EGFR-resistant colorectal cancer: cancer stem cells come into play. Gut, 2022, 71, gutjnl-2020-323924.	6.1	0
2	Cellular prion protein dysfunction in a prototypical inherited metabolic myopathy. Cellular and Molecular Life Sciences, 2021, 78, 2157-2167.	2.4	2
3	Prognostic value of the PrP ^C -ILK-IDO1 axis in the mesenchymal colorectal cancer subtype. OncoImmunology, 2021, 10, 1940674.	2.1	11
4	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
5	Intratumor CMS Heterogeneity Impacts Patient Prognosis in Localized Colon Cancer. Clinical Cancer Research, 2021, 27, 4768-4780.	3.2	25
6	The Cellular Prion Protein and the Hallmarks of Cancer. Cancers, 2021, 13, 5032.	1.7	11
7	YAP/TAZ Signalling in Colorectal Cancer: Lessons from Consensus Molecular Subtypes. Cancers, 2020, 12, 3160.	1.7	15
8	The Prion-like protein Shadoo is involved in mouse embryonic and mammary development and differentiation. Scientific Reports, 2020, 10, 6765.	1.6	10
9	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
10	The cellular prion protein beyond prion diseases. Swiss Medical Weekly, 2020, 150, w20222.	0.8	13
11	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
12	The cellular prion protein controls the mesenchymal-like molecular subtype and predicts disease outcome in colorectal cancer. EBioMedicine, 2019, 46, 94-104.	2.7	24
13	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
14	Functions of the Prion Protein. Progress in Molecular Biology and Translational Science, 2017, 150, 1-34.	0.9	20
15	The Cellular Prion Protein Controls Notch Signaling in Neural Stem/Progenitor Cells. Stem Cells, 2017, 35, 754-765.	1.4	22
16	Prion protein localizes at the ciliary base during neural and cardiovascular development and its depletion affects Î±-tubulin post-translational modifications. Scientific Reports, 2015, 5, 17146.	1.6	11
17	Promiscuous functions of the prion protein family. Frontiers in Cell and Developmental Biology, 2015, 3, 7.	1.8	4
18	The Cellular Prion Protein: A Player in Immunological Quiescence. Frontiers in Immunology, 2015, 6, 450.	2.2	37

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19	The prion protein family: a view from the placenta. Frontiers in Cell and Developmental Biology, 2014, 2, 35.	1.8	13
20	PrPCfrom stem cells to cancer. Frontiers in Cell and Developmental Biology, 2014, 2, 55.	1.8	39
21	To develop with or without the prion protein. Frontiers in Cell and Developmental Biology, 2014, 2, 58.	1.8	16
22	Hijacking PrPc-dependent signal transduction: when prions impair AÎ² clearance. Frontiers in Aging Neuroscience, 2014, 6, 25.	1.7	20
23	PrPC signalling in neurons: From basics to clinical challenges. Biochimie, 2014, 104, 2-11.	1.3	25
24	A PrPC-caveolin-Lyn complex negatively controls neuronal GSK3Î² and serotonin 1B receptor. Scientific Reports, 2014, 4, 4881.	1.6	25
25	PDK1 decreases TACE-mediated Î±-secretase activity and promotes disease progression in prion and Alzheimer's diseases. Nature Medicine, 2013, 19, 1124-1131.	15.2	108
26	Pathogenic prions deviate PrPC signaling in neuronal cells and impair A-beta clearance. Cell Death and Disease, 2013, 4, e456-e456.	2.7	25
27	Neuritogenesis: the prion protein controls Î²1 integrin signaling activity. FASEB Journal, 2012, 26, 678-690.	0.2	90
28	MicroRNAs and depression. Neurobiology of Disease, 2012, 46, 272-278.	2.1	95
29	Understanding the neurospecificity of Prion protein signaling. Frontiers in Bioscience - Landmark, 2011, 16, 169.	3.0	26
30	New views on antidepressant action. Current Opinion in Neurobiology, 2011, 21, 858-865.	2.0	27
31	Raphe-mediated signals control the hippocampal response to SRI antidepressants via miR-16. Translational Psychiatry, 2011, 1, e56-e56.	2.4	108
32	Serotonergic 5-HT2B Receptor Controls Tissue-nonspecific Alkaline Phosphatase Activity in Osteoblasts via Eicosanoids and Phosphatidylinositol-specific Phospholipase C. Journal of Biological Chemistry, 2010, 285, 26066-26073.	1.6	29
33	MiR-16 Targets the Serotonin Transporter: A New Facet for Adaptive Responses to Antidepressants. Science, 2010, 329, 1537-1541.	6.0	429
34	Cellular prion protein coupling to TACEâ€dependent TNFâ€Î± shedding controls neurotransmitter catabolism in neuronal cells. Journal of Neurochemistry, 2009, 110, 912-923.	2.1	23
35	Early dysfunction of central 5-HT system in a murine model of bovine spongiform encephalopathy. Neuroscience, 2009, 160, 731-743.	1.1	15
36	The Cellular Prion Protein Interacts with the Tissue Non-Specific Alkaline Phosphatase in Membrane Microdomains of Bioaminergic Neuronal Cells. PLoS ONE, 2009, 4, e6497.	1.1	36

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37	CREB-dependent gene regulation by prion protein: Impact on MMP-9 and Î²-dystroglycan. Cellular Signalling, 2008, 20, 2050-2058.	1.7	29
38	Prions Impair Bioaminergic Functions through Serotonin- or Catecholamine-derived Neurotoxins in Neuronal Cells. Journal of Biological Chemistry, 2008, 283, 23782-23790.	1.6	21
39	Cellular Prion Protein Signaling in Serotonergic Neuronal Cells. Annals of the New York Academy of Sciences, 2007, 1096, 106-119.	1.8	37
40	Noxp20 and Noxp70, two new markers of early neuronal differentiation, detected in teratocarcinoma-derived neuroectodermic precursor cells. Journal of Neurochemistry, 2006, 99, 657-669.	2.1	29
41	Control of Bioamine Metabolism by 5-HT2Band Î±1DAutoreceptors through Reactive Oxygen Species and Tumor Necrosis Factor-Î± Signaling in Neuronal Cells. Annals of the New York Academy of Sciences, 2006, 1091, 123-141.	1.8	10
42	Overstimulation of PrPC Signaling Pathways by Prion Peptide 106-126 Causes Oxidative Injury of Bioaminergic Neuronal Cells. Journal of Biological Chemistry, 2006, 281, 28470-28479.	1.6	64
43	Modulation of Serotonergic Receptor Signaling and Cross-talk by Prion Protein*. Journal of Biological Chemistry, 2005, 280, 4592-4601.	1.6	50
44	Biological and Biochemical Characteristics of Prion Strains Conserved in Persistently Infected Cell Cultures. Journal of Virology, 2005, 79, 7104-7112.	1.5	36
45	Reactive oxygen speciesâ€dependent TNFâ€Î± converting enzyme activation through stimulation of 5â€HT 2B and Î± 1D autoreceptors in neuronal cells. FASEB Journal, 2005, 19, 1078-1087.	0.2	42
46	Evolving views in prion glycosylation: functional and pathological implications. Biochimie, 2003, 85, 33-45.	1.3	52
47	NADPH oxidase and extracellular regulated kinases 1/2 are targets of prion protein signaling in neuronal and nonneuronal cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13326-13331.	3.3	169
48	From stem cells to prion signalling. Comptes Rendus - Biologies, 2002, 325, 9-15.	0.1	2
49	Les pistes pour dÃ©busquer le rÃ1e de la protÃ©ine prion dans les cellules neuronales.. Medecine/Sciences, 2001, 17, 402.	0.0	0
50	PDZ-dependent Activation of Nitric-oxide Synthases by the Serotonin 2B Receptor. Journal of Biological Chemistry, 2000, 275, 9324-9331.	1.6	111
51	Regulation by Neurotransmitter Receptors of Serotonergic or Catecholaminergic Neuronal Cell Differentiation. Journal of Biological Chemistry, 2000, 275, 9186-9192.	1.6	89
52	Signal Transduction Through Prion Protein. Science, 2000, 289, 1925-1928.	6.0	701
53	14-3-3 Protein, Neuron-Specific Enolase, and S-100 Protein in Cerebrospinal Fluid of Patients with Creutzfeldt-Jakob Disease. Dementia and Geriatric Cognitive Disorders, 1999, 10, 40-46.	0.7	137
54	Prion protein and neuronal differentiation: quantitative analysis of prnp gene expression in a murine inducible neuroectodermal progenitor. Microbes and Infection, 1999, 1, 969-976.	1.0	31

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55	Mutation at codon 210 (V210I) of the prion protein gene in a North African patient with Creutzfeldt-Jakob disease. Journal of the Neurological Sciences, 1999, 168, 141-144.	0.3	23
56	Mouse 5-HT2B Receptor-mediated Serotonin Trophic Functionsa. Annals of the New York Academy of Sciences, 1998, 861, 67-73.	1.8	26
57	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
58	Promiscuous Functions of the Prion Protein Gene Family. Frontiers Research Topics, 0, , .	0.2	0