

Philippe Naveilhan

List of Publications by Citations

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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.

78
papers

3,748
citations

32
h-index

60
g-index

78
ext. papers

4,087
ext. citations

5.8
avg, IF

4.54
L-index

#	Paper	IF	Citations
78	Colonic inflammation in Parkinson's disease. <i>Neurobiology of Disease</i> , 2013 , 50, 42-8	7.5	343
77	Normal feeding behavior, body weight and leptin response require the neuropeptide Y Y2 receptor. <i>Nature Medicine</i> , 1999 , 5, 1188-93	50.5	240
76	Differential regulation of mRNAs for GDNF and its receptors Ret and GDNFR alpha after sciatic nerve lesion in the mouse. <i>European Journal of Neuroscience</i> , 1997 , 9, 1450-60	3.5	204
75	1,25-dihydroxyvitamin D3 regulates the synthesis of nerve growth factor in primary cultures of glial cells. <i>Molecular Brain Research</i> , 1994 , 24, 70-6		186
74	Reduced antinociception and plasma extravasation in mice lacking a neuropeptide Y receptor. <i>Nature</i> , 2001 , 409, 513-7	50.4	161
73	Pathological lesions in colonic biopsies during Parkinson's disease. <i>Gut</i> , 2008 , 57, 1741-3	19.2	159
72	1,25-Dihydroxyvitamin D3, an inducer of glial cell line-derived neurotrophic factor. <i>NeuroReport</i> , 1996 , 7, 2171-5	1.7	153
71	1,25-dihydroxyvitamin D3 regulates NT-3, NT-4 but not BDNF mRNA in astrocytes. <i>NeuroReport</i> , 1994 , 6, 124-6	1.7	148
70	Expression and regulation of GFRalpha3, a glial cell line-derived neurotrophic factor family receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 1295-300	11.5	133
69	Complementary and overlapping expression of Y1, Y2 and Y5 receptors in the developing and adult mouse nervous system. <i>Neuroscience</i> , 1998 , 87, 289-302	3.9	127
68	Enteric glia inhibit intestinal epithelial cell proliferation partly through a TGF-beta1-dependent pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, G231-41	5.1	105
67	Synthesis of 1,25-dihydroxyvitamin D3 by rat brain macrophages in vitro. <i>Journal of Neuroscience Research</i> , 1994 , 38, 214-20	4.4	88
66	Induction of glioma cell death by 1,25(OH)2 vitamin D3: towards an endocrine therapy of brain tumors?. <i>Journal of Neuroscience Research</i> , 1994 , 37, 271-7	4.4	80
65	Mesenchymal stem cells induce a weak immune response in the rat striatum after allo or xenotransplantation. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2547-2558	5.6	74
64	1,25-Dihydroxyvitamin D3 regulates the expression of VDR and NGF gene in Schwann cells in vitro. <i>Journal of Neuroscience Research</i> , 1998 , 53, 742-6	4.4	72
63	Activity-dependent regulation of tyrosine hydroxylase expression in the enteric nervous system. <i>Journal of Physiology</i> , 2008 , 586, 1963-75	3.9	65
62	Fluorescent activated cell sorting (FACS): a rapid and reliable method to estimate the number of neurons in a mixed population. <i>Journal of Neuroscience Methods</i> , 2003 , 129, 73-9	3	58

61	Transgenic expression of CTLA4-Ig by fetal pig neurons for xenotransplantation. <i>Transgenic Research</i> , 2005 , 14, 373-84	3.3	58
60	1,25-Dihydroxyvitamin D3 regulates the expression of the low-affinity neurotrophin receptor. <i>Molecular Brain Research</i> , 1996 , 41, 259-68		52
59	Expression of 25(OH) vitamin D3 24-hydroxylase gene in glial cells. <i>NeuroReport</i> , 1993 , 5, 255-7	1.7	50
58	Comparison of spheroids formed by rat glioma stem cells and neural stem cells reveals differences in glucose metabolism and promising therapeutic applications. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33664-74	5.4	49
57	Human dental pulp stem cells cultured in serum-free supplemented medium. <i>Frontiers in Physiology</i> , 2013 , 4, 357	4.6	47
56	Long-lasting coexpression of nestin and glial fibrillary acidic protein in primary cultures of astroglial cells with a major participation of nestin(+)/GFAP(-) cells in cell proliferation. <i>Journal of Neuroscience Research</i> , 2006 , 83, 1515-24	4.4	47
55	Neuropeptide Y alters sedation through a hypothalamic Y1-mediated mechanism. <i>European Journal of Neuroscience</i> , 2001 , 13, 2241-6	3.5	46
54	Assessment of ethanol consumption and water drinking by NPY Y(2) receptor knockout mice. <i>Peptides</i> , 2004 , 25, 975-83	3.8	42
53	Neural stem/progenitor cells as a promising candidate for regenerative therapy of the central nervous system. <i>Frontiers in Cellular Neuroscience</i> , 2012 , 6, 17	6.1	40
52	Distinct roles of the Y1 and Y2 receptors on neuropeptide Y-induced sensitization to sedation. <i>Journal of Neurochemistry</i> , 2001 , 78, 1201-7	6	39
51	Attenuation of hypercholesterolemia and hyperglycemia in ob/ob mice by NPY Y2 receptor ablation. <i>Peptides</i> , 2002 , 23, 1087-91	3.8	38
50	Cytotoxic effects of 1 alpha,25-dihydroxyvitamin D3 and synthetic vitamin D3 analogues on a glioma cell line. <i>Cancer Letters</i> , 1996 , 100, 3-10	9.9	38
49	Mesenchymal stem cells induce a weak immune response in the rat striatum after allo or xenotransplantation. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2547-58	5.6	37
48	Complex interactions among second messenger pathways, steroid hormones, and protooncogenes of the Fos and Jun families converge in the regulation of the nerve growth factor gene. <i>Journal of Neurochemistry</i> , 1993 , 60, 1843-53	6	34
47	Differential regulation of GDNF, neurturin, and their receptors in primary cultures of rat glial cells. <i>Journal of Neuroscience Research</i> , 2001 , 64, 242-51	4.4	32
46	Effects of Human Alpha-Synuclein A53T-A30P Mutations on SVZ and Local Olfactory Bulb Cell Proliferation in a Transgenic Rat Model of Parkinson Disease. <i>Parkinsons Disease</i> , 2011 , 2011, 987084	2.6	31
45	Low affinity NGF receptor expression in the central nervous system during experimental allergic encephalomyelitis. <i>Journal of Neuroscience Research</i> , 1998 , 52, 83-92	4.4	28
44	The signaling adaptor protein CD3zeta is a negative regulator of dendrite development in young neurons. <i>Molecular Biology of the Cell</i> , 2008 , 19, 2444-56	3.5	28

43	The multiple faces of inflammatory enteric glial cells: is Crohn's disease a gliopathy?. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G1-G11	5.1	27
42	Distinct roles of Bcl-2 and Bcl-Xl in the apoptosis of human bone marrow mesenchymal stem cells during differentiation. <i>PLoS ONE</i> , 2011 , 6, e19820	3.7	27
41	Intracerebral xenotransplantation: recent findings and perspectives for local immunosuppression. <i>Current Opinion in Organ Transplantation</i> , 2011 , 16, 190-4	2.5	27
40	Reactive oxygen species influence nerve growth factor synthesis in primary rat astrocytes. <i>Journal of Neurochemistry</i> , 1994 , 62, 2178-86	6	27
39	AUF1 and Hu proteins in the developing rat brain: implication in the proliferation and differentiation of neural progenitors. <i>Journal of Neuroscience Research</i> , 2009 , 87, 1296-309	4.4	25
38	Expression of heme oxygenase-1 in neural stem/progenitor cells as a potential mechanism to evade host immune response. <i>Stem Cells</i> , 2012 , 30, 2342-53	5.8	24
37	Cell Therapy for Parkinson's Disease: A Translational Approach to Assess the Role of Local and Systemic Immunosuppression. <i>American Journal of Transplantation</i> , 2016 , 16, 2016-29	8.7	24
36	<i>L. fermentum</i> CECT 5716 prevents stress-induced intestinal barrier dysfunction in newborn rats. <i>Neurogastroenterology and Motility</i> , 2017 , 29, e13069	4	23
35	New lines of GFP transgenic rats relevant for regenerative medicine and gene therapy. <i>Transgenic Research</i> , 2010 , 19, 745-63	3.3	23
34	Local control of the host immune response performed with mesenchymal stem cells: perspectives for functional intracerebral xenotransplantation. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 124-34	5.6	22
33	Postnatal development of the myenteric glial network and its modulation by butyrate. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G941-51	5.1	21
32	Cell surface antigens on rat neural progenitors and characterization of the CD3 (+)/CD3 (-) cell populations. <i>Differentiation</i> , 2006 , 74, 530-41	3.5	21
31	Interactions between second messenger pathways influence NGF synthesis in mouse primary astrocytes. <i>Brain Research</i> , 1995 , 672, 128-36	3.7	21
30	Minocycline promotes long-term survival of neuronal transplant in the brain by inhibiting late microglial activation and T-cell recruitment. <i>Transplantation</i> , 2010 , 89, 816-23	1.8	19
29	Regulation of NGF, BDNF and LNGFR gene expression in ROS 17/2.8 cells. <i>Molecular and Cellular Endocrinology</i> , 1996 , 116, 149-56	4.4	19
28	The neuropeptide Y receptors, Y1 and Y2, are transiently and differentially expressed in the developing cerebellum. <i>Neuroscience</i> , 2002 , 113, 767-77	3.9	17
27	Dendritic cell recruitment following xenografting of pig fetal mesencephalic cells into the rat brain. <i>Experimental Neurology</i> , 2006 , 202, 76-84	5.7	16
26	Low-Dose Pesticide Mixture Induces Senescence in Normal Mesenchymal Stem Cells (MSC) and Promotes Tumorigenic Phenotype in Premalignant MSC. <i>Stem Cells</i> , 2017 , 35, 800-811	5.8	15

25	Survival and differentiation of adenovirus-generated induced pluripotent stem cells transplanted into the rat striatum. <i>Cell Transplantation</i> , 2014 , 23, 1407-23	4	15
24	Assessing the potential clinical utility of transplantations of neural and mesenchymal stem cells for treating neurodegenerative diseases. <i>Methods in Molecular Biology</i> , 2012 , 879, 147-64	1.4	14
23	The immune molecule CD3zeta and its downstream effectors ZAP-70/Syk mediate ephrin signaling in neurons to regulate early neuritogenesis. <i>Journal of Neurochemistry</i> , 2011 , 119, 708-22	6	14
22	Cancer stem cells: beyond Koch's postulates. <i>Cancer Letters</i> , 2009 , 278, 3-8	9.9	14
21	In vitro analyses of the immunosuppressive properties of neural stem/progenitor cells using anti-CD3/CD28-activated T cells. <i>Methods in Molecular Biology</i> , 2011 , 677, 233-43	1.4	14
20	Enteric glial cells have specific immunosuppressive properties. <i>Journal of Neuroimmunology</i> , 2016 , 295-296, 79-83	3.5	14
19	Targeting the CD80/CD86 costimulatory pathway with CTLA4-Ig directs microglia toward a repair phenotype and promotes axonal outgrowth. <i>Glia</i> , 2015 , 63, 2298-312	9	13
18	Phosphatidylcholine-phospholipase C mediates the induction of nerve growth factor in cultured glial cells. <i>FEBS Letters</i> , 1995 , 364, 301-4	3.8	13
17	Expression of the nerve growth factor gene is controlled by the microtubule network. <i>Journal of Neuroscience Research</i> , 1995 , 41, 462-70	4.4	12
16	Trophic and immunoregulatory properties of neural precursor cells: benefit for intracerebral transplantation. <i>Experimental Neurology</i> , 2011 , 230, 35-47	5.7	11
15	Glioplasticity in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2018 , 30, e13232	4	10
14	Lipopolysaccharide and TNF α regulate the expression of GDNF, neurturin and their receptors. <i>NeuroReport</i> , 2003 , 14, 1529-34	1.7	10
13	Immunoregulatory properties of neural stem cells. <i>Immunotherapy</i> , 2011 , 3, 39-41	3.8	9
12	Ectopic expression of the TrkA receptor in adult dopaminergic mesencephalic neurons promotes retrograde axonal NGF transport and NGF-dependent neuroprotection. <i>Experimental Neurology</i> , 2003 , 183, 367-78	5.7	9
11	The Use of Stem Cells in Regenerative Medicine for Parkinson's and Huntington's Diseases. <i>Current Medicinal Chemistry</i> , 2012 , 19, 6018-6035	4.3	7
10	Rat enteric glial cells express novel isoforms of Interleukine-7 regulated during inflammation. <i>Neurogastroenterology and Motility</i> , 2019 , 31, e13467	4	7
9	Decreased choline acetyltransferase activity in nerve growth factor-transgenic mice during brain development. <i>Neuroscience</i> , 1994 , 62, 333-6	3.9	6
8	Beta1 integrin as a xenoantigen in fetal porcine mesencephalic cells transplanted into the rat brain. <i>Cell Transplantation</i> , 2005 , 14, 527-36	4	5

- 7 A theory that may explain the Hayflick limit--a means to delete one copy of a repeating sequence during each cell cycle in certain human cells such as fibroblasts. *Mechanisms of Ageing and Development*, **1994**, 75, 205-13 5.6 5
- 6 Pig neural cells derived from foetal mesencephalon as cell source for intracerebral xenotransplantation. *Methods in Molecular Biology*, **2012**, 885, 233-43 1.4 5
- 5 Ectopic expression of the immune adaptor protein CD3zeta in neural stem/progenitor cells disrupts cell-fate specification. *Journal of Molecular Neuroscience*, **2012**, 46, 431-41 3.3 4
- 4 IgG response to intracerebral xenotransplantation: specificity and role in the rejection of porcine neurons. *American Journal of Transplantation*, **2014**, 14, 1109-19 8.7 4
- 3 T cells show preferential adhesion to enteric neural cells in culture and are close to neural cells in the myenteric ganglia of Crohn's patients. *Journal of Neuroimmunology*, **2020**, 349, 577422 3.5 3
- 2 Vitamin D, a Hormone Involved in the Control of Neuro-Immune Interactions in the Brain. *Research and Perspectives in Neurosciences*, **2000**, 193-201
- 1 Vitamin D, A Neuroactive Hormone: From Brain Development to Pathological Disorders **2005**, 1779-1789