

# Philippe Naveilhan

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9140960/philippe-naveilhan-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | 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. <i>Journal of Neuroimmunology</i> , <b>2020</b> , 349, 577422              | 3.5 | 3         |
| 77 | Rat enteric glial cells express novel isoforms of Interleukine-7 regulated during inflammation. <i>Neurogastroenterology and Motility</i> , <b>2019</b> , 31, e13467   | 4   | 7         |
| 76 | Glioplasticity in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , <b>2018</b> , 30, e13232   | 4   | 10        |
| 75 | The multiple faces of inflammatory enteric glial cells: is Crohn's disease a gliopathy?. <i>American Journal of Physiology - Renal Physiology</i> , <b>2018</b> , 315, G1-G11  | 5.1 | 27        |
| 74 | <i>L. fermentum</i> CECT 5716 prevents stress-induced intestinal barrier dysfunction in newborn rats. <i>Neurogastroenterology and Motility</i> , <b>2017</b> , 29, e13069   | 4   | 23        |
| 73 | Low-Dose Pesticide Mixture Induces Senescence in Normal Mesenchymal Stem Cells (MSC) and Promotes Tumorigenic Phenotype in Premalignant MSC. <i>Stem Cells</i> , <b>2017</b> , 35, 800-811                                   | 5.8 | 15        |
| 72 | Postnatal development of the myenteric glial network and its modulation by butyrate. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 310, G941-51   | 5.1 | 21        |
| 71 | Cell Therapy for Parkinson's Disease: A Translational Approach to Assess the Role of Local and Systemic Immunosuppression. <i>American Journal of Transplantation</i> , <b>2016</b> , 16, 2016-29                            | 8.7 | 24        |
| 70 | Enteric glial cells have specific immunosuppressive properties. <i>Journal of Neuroimmunology</i> , <b>2016</b> , 295-296, 79-83   | 3.5 | 14        |
| 69 | 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> , <b>2015</b> , 19, 124-34 | 5.6 | 22        |
| 68 | Targeting the CD80/CD86 costimulatory pathway with CTLA4-Ig directs microglia toward a repair phenotype and promotes axonal outgrowth. <i>Glia</i> , <b>2015</b> , 63, 2298-312  | 9   | 13        |
| 67 | Survival and differentiation of adenovirus-generated induced pluripotent stem cells transplanted into the rat striatum. <i>Cell Transplantation</i> , <b>2014</b> , 23, 1407-23  | 4   | 15        |
| 66 | IgG response to intracerebral xenotransplantation: specificity and role in the rejection of porcine neurons. <i>American Journal of Transplantation</i> , <b>2014</b> , 14, 1109-19  | 8.7 | 4         |
| 65 | Colonic inflammation in Parkinson's disease. <i>Neurobiology of Disease</i> , <b>2013</b> , 50, 42-8   | 7.5 | 343       |
| 64 | Human dental pulp stem cells cultured in serum-free supplemented medium. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 357   | 4.6 | 47        |
| 63 | Ectopic expression of the immune adaptor protein CD3zeta in neural stem/progenitor cells disrupts cell-fate specification. <i>Journal of Molecular Neuroscience</i> , <b>2012</b> , 46, 431-41                               | 3.3 | 4         |
| 62 | Expression of heme oxygenase-1 in neural stem/progenitor cells as a potential mechanism to evade host immune response. <i>Stem Cells</i> , <b>2012</b> , 30, 2342-53   | 5.8 | 24        |

|    |  |     |    |
|----|--|-----|----|
| 61 | Assessing the potential clinical utility of transplantations of neural and mesenchymal stem cells for treating neurodegenerative diseases. <i>Methods in Molecular Biology</i> , <b>2012</b> , 879, 147-64                           | 1.4 | 14 |
| 60 | Neural stem/progenitor cells as a promising candidate for regenerative therapy of the central nervous system. <i>Frontiers in Cellular Neuroscience</i> , <b>2012</b> , 6, 17  | 6.1 | 40 |
| 59 | The Use of Stem Cells in Regenerative Medicine for Parkinson's and Huntington's Diseases. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 6018-6035   | 4.3 | 7  |
| 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> , <b>2012</b> , 287, 33664-74 | 5.4 | 49 |
| 57 | Pig neural cells derived from foetal mesencephalon as cell source for intracerebral xenotransplantation. <i>Methods in Molecular Biology</i> , <b>2012</b> , 885, 233-43   | 1.4 | 5  |
| 56 | Trophic and immunoregulatory properties of neural precursor cells: benefit for intracerebral transplantation. <i>Experimental Neurology</i> , <b>2011</b> , 230, 35-47   | 5.7 | 11 |
| 55 | 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>Parkinson's Disease</i> , <b>2011</b> , 2011, 987084                      | 2.6 | 31 |
| 54 | Distinct roles of Bcl-2 and Bcl-Xl in the apoptosis of human bone marrow mesenchymal stem cells during differentiation. <i>PLoS ONE</i> , <b>2011</b> , 6, e19820  | 3.7 | 27 |
| 53 | Intracerebral xenotransplantation: recent findings and perspectives for local immunosuppression. <i>Current Opinion in Organ Transplantation</i> , <b>2011</b> , 16, 190-4   | 2.5 | 27 |
| 52 | 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> , <b>2011</b> , 119, 708-22                               | 6   | 14 |
| 51 | Immunoregulatory properties of neural stem cells. <i>Immunotherapy</i> , <b>2011</b> , 3, 39-41  | 3.8 | 9  |
| 50 | 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> , <b>2011</b> , 677, 233-43   | 1.4 | 14 |
| 49 | Minocycline promotes long-term survival of neuronal transplant in the brain by inhibiting late microglial activation and T-cell recruitment. <i>Transplantation</i> , <b>2010</b> , 89, 816-23                                       | 1.8 | 19 |
| 48 | New lines of GFP transgenic rats relevant for regenerative medicine and gene therapy. <i>Transgenic Research</i> , <b>2010</b> , 19, 745-63  | 3.3 | 23 |
| 47 | Mesenchymal stem cells induce a weak immune response in the rat striatum after allo or xenotransplantation. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 2547-2558  | 5.6 | 74 |
| 46 | AUF1 and Hu proteins in the developing rat brain: implication in the proliferation and differentiation of neural progenitors. <i>Journal of Neuroscience Research</i> , <b>2009</b> , 87, 1296-309                                   | 4.4 | 25 |
| 45 | Cancer stem cells: beyond Koch's postulates. <i>Cancer Letters</i> , <b>2009</b> , 278, 3-8  | 9.9 | 14 |
| 44 | Mesenchymal stem cells induce a weak immune response in the rat striatum after allo or xenotransplantation. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 2547-58  | 5.6 | 37 |

|    |  |      |     |
|----|--|------|-----|
| 43 | Activity-dependent regulation of tyrosine hydroxylase expression in the enteric nervous system. <i>Journal of Physiology</i> , <b>2008</b> , 586, 1963-75  | 3.9  | 65  |
| 42 | Pathological lesions in colonic biopsies during Parkinson's disease. <i>Gut</i> , <b>2008</b> , 57, 1741-3   | 19.2 | 159 |
| 41 | The signaling adaptor protein CD3zeta is a negative regulator of dendrite development in young neurons. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 2444-56   | 3.5  | 28  |
| 40 | Enteric glia inhibit intestinal epithelial cell proliferation partly through a TGF-beta1-dependent pathway. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, G231-41  | 5.1  | 105 |
| 39 | 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> , <b>2006</b> , 83, 1515-24 | 4.4  | 47  |
| 38 | Dendritic cell recruitment following xenografting of pig fetal mesencephalic cells into the rat brain. <i>Experimental Neurology</i> , <b>2006</b> , 202, 76-84  | 5.7  | 16  |
| 37 | Cell surface antigens on rat neural progenitors and characterization of the CD3 (+)/CD3 (-) cell populations. <i>Differentiation</i> , <b>2006</b> , 74, 530-41  | 3.5  | 21  |
| 36 | Beta1 integrin as a xenoantigen in fetal porcine mesencephalic cells transplanted into the rat brain. <i>Cell Transplantation</i> , <b>2005</b> , 14, 527-36   | 4    | 5   |
| 35 | Transgenic expression of CTLA4-Ig by fetal pig neurons for xenotransplantation. <i>Transgenic Research</i> , <b>2005</b> , 14, 373-84  | 3.3  | 58  |
| 34 | Vitamin D, A Neuroactive Hormone: From Brain Development to Pathological Disorders <b>2005</b> , 1779-1789   |      |     |
| 33 | Assessment of ethanol consumption and water drinking by NPY Y(2) receptor knockout mice. <i>Peptides</i> , <b>2004</b> , 25, 975-83  | 3.8  | 42  |
| 32 | Lipopolysaccharide and TNFalpha regulate the expression of GDNF, neurturin and their receptors. <i>NeuroReport</i> , <b>2003</b> , 14, 1529-34   | 1.7  | 10  |
| 31 | 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> , <b>2003</b> , 129, 73-9   | 3    | 58  |
| 30 | Ectopic expression of the TrkA receptor in adult dopaminergic mesencephalic neurons promotes retrograde axonal NGF transport and NGF-dependent neuroprotection. <i>Experimental Neurology</i> , <b>2003</b> , 183, 367-78  | 5.7  | 9   |
| 29 | Attenuation of hypercholesterolemia and hyperglycemia in ob/ob mice by NPY Y2 receptor ablation. <i>Peptides</i> , <b>2002</b> , 23, 1087-91   | 3.8  | 38  |
| 28 | The neuropeptide Y receptors, Y1 and Y2, are transiently and differentially expressed in the developing cerebellum. <i>Neuroscience</i> , <b>2002</b> , 113, 767-77  | 3.9  | 17  |
| 27 | Distinct roles of the Y1 and Y2 receptors on neuropeptide Y-induced sensitization to sedation. <i>Journal of Neurochemistry</i> , <b>2001</b> , 78, 1201-7   | 6    | 39  |
| 26 | Neuropeptide Y alters sedation through a hypothalamic Y1-mediated mechanism. <i>European Journal of Neuroscience</i> , <b>2001</b> , 13, 2241-6  | 3.5  | 46  |

|    |  |      |     |
|----|--|------|-----|
| 25 | Differential regulation of GDNF, neurturin, and their receptors in primary cultures of rat glial cells. <i>Journal of Neuroscience Research</i> , <b>2001</b> , 64, 242-51   | 4.4  | 32  |
| 24 | Reduced antinociception and plasma extravasation in mice lacking a neuropeptide Y receptor. <i>Nature</i> , <b>2001</b> , 409, 513-7   | 50.4 | 161 |
| 23 | Vitamin D, a Hormone Involved in the Control of Neuro-Immune Interactions in the Brain. <i>Research and Perspectives in Neurosciences</i> , <b>2000</b> , 193-201  |      |     |
| 22 | Normal feeding behavior, body weight and leptin response require the neuropeptide Y Y2 receptor. <i>Nature Medicine</i> , <b>1999</b> , 5, 1188-93   | 50.5 | 240 |
| 21 | Low affinity NGF receptor expression in the central nervous system during experimental allergic encephalomyelitis. <i>Journal of Neuroscience Research</i> , <b>1998</b> , 52, 83-92                                       | 4.4  | 28  |
| 20 | 1,25-Dihydroxyvitamin D3 regulates the expression of VDR and NGF gene in Schwann cells in vitro. <i>Journal of Neuroscience Research</i> , <b>1998</b> , 53, 742-6   | 4.4  | 72  |
| 19 | Complementary and overlapping expression of Y1, Y2 and Y5 receptors in the developing and adult mouse nervous system. <i>Neuroscience</i> , <b>1998</b> , 87, 289-302  | 3.9  | 127 |
| 18 | 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> , <b>1998</b> , 95, 1295-300 | 11.5 | 133 |
| 17 | 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> , <b>1997</b> , 9, 1450-60                                | 3.5  | 204 |
| 16 | 1,25-Dihydroxyvitamin D3 regulates the expression of the low-affinity neurotrophin receptor. <i>Molecular Brain Research</i> , <b>1996</b> , 41, 259-68  |      | 52  |
| 15 | Regulation of NGF, BDNF and LNGFR gene expression in ROS 17/2.8 cells. <i>Molecular and Cellular Endocrinology</i> , <b>1996</b> , 116, 149-56   | 4.4  | 19  |
| 14 | Cytotoxic effects of 1 alpha,25-dihydroxyvitamin D3 and synthetic vitamin D3 analogues on a glioma cell line. <i>Cancer Letters</i> , <b>1996</b> , 100, 3-10  | 9.9  | 38  |
| 13 | 1,25-Dihydroxyvitamin D3, an inducer of glial cell line-derived neurotrophic factor. <i>NeuroReport</i> , <b>1996</b> , 7, 2171-5  | 1.7  | 153 |
| 12 | Interactions between second messenger pathways influence NGF synthesis in mouse primary astrocytes. <i>Brain Research</i> , <b>1995</b> , 672, 128-36  | 3.7  | 21  |
| 11 | Phosphatidylcholine-phospholipase C mediates the induction of nerve growth factor in cultured glial cells. <i>FEBS Letters</i> , <b>1995</b> , 364, 301-4  | 3.8  | 13  |
| 10 | Expression of the nerve growth factor gene is controlled by the microtubule network. <i>Journal of Neuroscience Research</i> , <b>1995</b> , 41, 462-70  | 4.4  | 12  |
| 9  | Reactive oxygen species influence nerve growth factor synthesis in primary rat astrocytes. <i>Journal of Neurochemistry</i> , <b>1994</b> , 62, 2178-86  | 6    | 27  |
| 8  | Induction of glioma cell death by 1,25(OH) <sub>2</sub> vitamin D3: towards an endocrine therapy of brain tumors?. <i>Journal of Neuroscience Research</i> , <b>1994</b> , 37, 271-7                                       | 4.4  | 80  |

|   |   |     |     |
|---|---|-----|-----|
| 7 | Synthesis of 1,25-dihydroxyvitamin D3 by rat brain macrophages in vitro. <i>Journal of Neuroscience Research</i> , <b>1994</b> , 38, 214-20   | 4.4 | 88  |
| 6 | 1,25-dihydroxyvitamin D3 regulates the synthesis of nerve growth factor in primary cultures of glial cells. <i>Molecular Brain Research</i> , <b>1994</b> , 24, 70-6  |     | 186 |
| 5 | 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. <i>Mechanisms of Ageing and Development</i> , <b>1994</b> , 75, 205-13      | 5.6 | 5   |
| 4 | Decreased choline acetyltransferase activity in nerve growth factor-transgenic mice during brain development. <i>Neuroscience</i> , <b>1994</b> , 62, 333-6   | 3.9 | 6   |
| 3 | 1,25-dihydroxyvitamin D3 regulates NT-3, NT-4 but not BDNF mRNA in astrocytes. <i>NeuroReport</i> , <b>1994</b> , 6, 124-6  | 1.7 | 148 |
| 2 | Expression of 25(OH) vitamin D3 24-hydroxylase gene in glial cells. <i>NeuroReport</i> , <b>1993</b> , 5, 255-7   | 1.7 | 50  |
| 1 | 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> , <b>1993</b> , 60, 1843-53 | 6   | 34  |