

# Arnaud B Nicot

## List of Publications by Year in descending order

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48  
papers

1,994  
citations

201385

27  
h-index

243296

44  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estradiol inhibits ongoing autoimmune neuroinflammation and NF $\kappa$ B-dependent CCL2 expression in reactive astrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8416-8421.	3.3	121
2	PACAP is an anti-mitogenic signal in developing cerebral cortex. <i>Nature Neuroscience</i> , 2001, 4, 123-124.	7.1	120
3	Pituitary Adenylate Cyclase-Activating Polypeptide and Sonic Hedgehog Interact to Control Cerebellar Granule Precursor Cell Proliferation. <i>Journal of Neuroscience</i> , 2002, 22, 9244-9254.	1.7	116
4	Regulation of neuroblast mitosis is determined by PACAP receptor isoform expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 4758-4763.	3.3	103
5	Neurotensin receptor expression in the rat forebrain and midbrain: A combined analysis by in situ hybridization and receptor autoradiography. <i>Journal of Comparative Neurology</i> , 1994, 341, 407-419.	0.9	98
6	Plasma membrane calcium ATPase deficiency causes neuronal pathology in the spinal cord: a potential mechanism for neurodegeneration in multiple sclerosis and spinal cord injury. <i>FASEB Journal</i> , 2005, 19, 1-19.	0.2	84
7	Expanded CD8 T cell sharing between periphery and CNS in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 609-622.	1.7	83
8	Regulation of gene expression in experimental autoimmune encephalomyelitis indicates early neuronal dysfunction. <i>Brain</i> , 2003, 126, 398-412.	3.7	81
9	Gender and sex hormones in multiple sclerosis pathology and therapy. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4477.	3.0	80
10	Altered Social Behavior in Pituitary Adenylate Cyclase-Activating Polypeptide Type I Receptor-Deficient Mice. <i>Journal of Neuroscience</i> , 2004, 24, 8786-8795.	1.7	74
11	Sex steroids and neuroprotection in spinal cord injury: A review of preclinical investigations. <i>Experimental Neurology</i> , 2014, 259, 28-37.	2.0	69
12	Neuropathologic, phenotypic and functional analyses of Mucosal Associated Invariant T cells in Multiple Sclerosis. <i>Clinical Immunology</i> , 2016, 166-167, 1-11.	1.4	53
13	Exacerbation of experimental autoimmune encephalomyelitis in prion protein (PrP <sup>c</sup> )-null mice: evidence for a critical role of the central nervous system. <i>Journal of Neuroinflammation</i> , 2012, 9, 25.	3.1	51
14	Rabbit antithymocyte globulin-induced serum sickness disease and human kidney graft survival. <i>Journal of Clinical Investigation</i> , 2015, 125, 4655-4665.	3.9	47
15	NOV/CCN3 upregulates CCL2 and CXCL1 expression in astrocytes through $\beta$ 1 and $\beta$ 5 integrins. <i>Glia</i> , 2010, 58, 1510-1521.	2.5	44
16	Effects of an intrahypothalamic injection of antisense oligonucleotides for preproenkephalin mRNA in female rats: evidence for opioid involvement in lordosis reflex. <i>Brain Research</i> , 1997, 777, 60-68.	1.1	40
17	Endogenous Neurotensin Regulates Hypothalamic-Pituitary-Adrenal Axis Activity and Peptidergic Neurons in the Rat Hypothalamic Paraventricular Nucleus. <i>Journal of Neuroendocrinology</i> , 1997, 9, 263-269.	1.2	40
18	Reduced expression of plasma membrane calcium ATPase 2 and collapsin response mediator protein 1 promotes death of spinal cord neurons. <i>Cell Death and Differentiation</i> , 2010, 17, 1501-1510.	5.0	40

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19	Differential expression of neurotensin receptor mRNA in the dopaminergic cell groups of the rat diencephalon and mesencephalon. <i>Journal of Neuroscience Research</i> , 1995, 40, 667-674.	1.3	39
20	Distribution of Bacterial $\beta$ 1,3-Galactosyltransferase Genes in the Human Gut Microbiome. <i>Frontiers in Immunology</i> , 2019, 10, 3000.	2.2	39
21	Hedgehog Signaling: New Targets for GPCRs Coupled to cAMP and Protein Kinase A. <i>Annals of the New York Academy of Sciences</i> , 2006, 1070, 120-128.	1.8	37
22	ROR $\beta$ 3+ cells selectively express redundant cation channels linked to the Golgi apparatus. <i>Scientific Reports</i> , 2016, 6, 23682.	1.6	37
23	Blockade of Neurotensin Binding in the Rat Hypothalamus and of the Central Action of Neurotensin on the Hypothalamic-Pituitary-Adrenal Axis with Non-Peptide Receptor Antagonists. <i>Neuroendocrinology</i> , 1994, 59, 572-578.	1.2	35
24	Marked variations of the relative distributions of neurotensin and neuromedin N in micropunched rat brain areas suggest differential processing of their common precursor. <i>Neuroscience Letters</i> , 1991, 124, 9-12.	1.0	34
25	Pro-inflammatory State in Monoclonal Gammopathy of Undetermined Significance and in Multiple Myeloma Is Characterized by Low Sialylation of Pathogen-Specific and Other Monoclonal Immunoglobulins. <i>Frontiers in Immunology</i> , 2017, 8, 1347.	2.2	33
26	Temporal pattern of plasma membrane calcium ATPase $\alpha$ 2 expression in the spinal cord correlates with the course of clinical symptoms in two rodent models of autoimmune encephalomyelitis. <i>European Journal of Neuroscience</i> , 2005, 21, 2660-2670.	1.2	30
27	Anti-Gal and Anti-Neu5Gc Responses in Nonimmunosuppressed Patients After Treatment With Rabbit Antithymocyte Polyclonal IgGs. <i>Transplantation</i> , 2017, 101, 2501-2507.	0.5	30
28	Antisense oligodeoxynucleotides as specific tools for studying neuroendocrine and behavioral functions: Some prospects and problems. <i>Journal of Neuroscience Methods</i> , 1997, 71, 45-53.	1.3	29
29	Integrated structure- and ligand-based <i>in silico</i> approach to predict inhibition of cytochrome P450 2D6. <i>Bioinformatics</i> , 2015, 31, 3930-3937.	1.8	27
30	Decrease of blood anti- $\beta$ 1,3 Galactose Abs levels in multiple sclerosis (MS) and clinically isolated syndrome (CIS) patients. <i>Clinical Immunology</i> , 2017, 180, 128-135.	1.4	25
31	An intermediate level of CD161 expression defines a novel activated, inflammatory, and pathogenic subset of CD8 + T cells involved in multiple sclerosis. <i>Journal of Autoimmunity</i> , 2018, 88, 61-74.	3.0	25
32	Targeting the CD80/CD86 costimulatory pathway with CTLA4-Ig directs microglia toward a repair phenotype and promotes axonal outgrowth. <i>Glia</i> , 2015, 63, 2298-2312.	2.5	24
33	Central Administration of the Neurotensin Receptor Antagonist, SR48692, Modulates Diurnal and Stress-Related Hypothalamic-Pituitary-Adrenal Activity. <i>Neuroendocrinology</i> , 1997, 66, 75-85.	1.2	23
34	NOV/CCN3 promotes maturation of cerebellar granule neuron precursors. <i>Molecular and Cellular Neurosciences</i> , 2010, 43, 60-71.	1.0	23
35	Increase in neurotensin receptor expression in rat brain induced by chronic treatment with the nonpeptide neurotensin receptor antagonist SR 48692. <i>Neuroscience Letters</i> , 1994, 172, 97-100.	1.0	21
36	Gut bacteria <i>Akkermansia</i> elicit a specific IgG response in CSF of patients with MS. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2020, 7, .	3.1	20

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37	Dendrite-selective redistribution of the chemokine receptor CXCR4 following agonist stimulation. <i>Molecular and Cellular Neurosciences</i> , 2006, 33, 160-169.	1.0	18
38	Characterization of Antigen-Specific B Cells Using Nominal Antigen-Coated Flow-Beads. <i>PLoS ONE</i> , 2013, 8, e84273.	1.1	18
39	Transcript analysis of laser capture microdissected white matter astrocytes and higher phenol sulfotransferase 1A1 expression during autoimmune neuroinflammation. <i>Journal of Neuroinflammation</i> , 2015, 12, 130.	3.1	16
40	Insights into the substrate binding mechanism of SULT1A1 through molecular dynamics with excited normal modes simulations. <i>Scientific Reports</i> , 2021, 11, 13129.	1.6	16
41	Distribution of Prepro-Neurotensin/Neuromedin N mRNA in the Young and Adult Rat Forebrain. <i>Annals of the New York Academy of Sciences</i> , 1992, 668, 361-364.	1.8	14
42	Hypercorticism induces neurotensin mRNA in rat periventricular hypothalamus. <i>NeuroReport</i> , 1995, 6, 2158-2160.	0.6	12
43	Machine learning-driven identification of drugs inhibiting cytochrome P450 2C9. <i>PLoS Computational Biology</i> , 2022, 18, e1009820.	1.5	11
44	Decreased Frequency of Circulating Myelin Oligodendrocyte Glycoprotein B Lymphocytes in Patients with Relapsing-Remitting Multiple Sclerosis. <i>Journal of Immunology Research</i> , 2015, 2015, 1-12.	0.9	7
45	Neurotensin and neuromedin N brain levels after fornix transection: evidence for an efficient neurotensin precursor processing in subicular neurons. <i>Brain Research</i> , 1995, 702, 279-283.	1.1	4
46	Computational Analysis of Chemical Space of Natural Compounds Interacting with Sulfotransferases. <i>Molecules</i> , 2021, 26, 6360.	1.7	3
47	Characterization of murine experimental autoimmune encephalomyelitis induced by active immunization with a CD8 epitope of myelin oligodendrocyte glycoprotein. <i>Journal of Translational Medicine</i> , 2012, 10, .	1.8	0
48	Immuno-Guided Laser-Capture Microdissection of Glial Cells for mRNA Analysis. <i>Methods in Molecular Biology</i> , 2018, 1723, 261-271.	0.4	0