

Denis Soulet

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.

54
papers

5,423
citations

32
h-index

65
g-index

65
ext. papers

6,269
ext. citations

7.7
avg, IF

5.18
L-index

#	Paper	IF	Citations
54	Lewy bodies in grafted neurons in subjects with Parkinson's disease suggest host-to-graft disease propagation. <i>Nature Medicine</i> , 2008 , 14, 501-3	50.5	1293
53	Bone marrow-derived microglia play a critical role in restricting senile plaque formation in Alzheimer's disease. <i>Neuron</i> , 2006 , 49, 489-502	13.9	950
52	A novel pathogenic pathway of immune activation detectable before clinical onset in Huntington's disease. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1869-77	16.6	437
51	Platelets release mitochondria serving as substrate for bactericidal group IIA-secreted phospholipase A2 to promote inflammation. <i>Blood</i> , 2014 , 124, 2173-83	2.2	339
50	Inhibition of notch signaling in glioblastoma targets cancer stem cells via an endothelial cell intermediate. <i>Stem Cells</i> , 2010 , 28, 1019-29	5.8	232
49	Functional recovery after peripheral nerve injury is dependent on the pro-inflammatory cytokines IL-1 β and TNF: implications for neuropathic pain. <i>Journal of Neuroscience</i> , 2011 , 31, 12533-42	6.6	218
48	Critical issues of clinical human embryonic stem cell therapy for brain repair. <i>Trends in Neurosciences</i> , 2008 , 31, 146-53	13.3	157
47	Platelet microparticles are internalized in neutrophils via the concerted activity of 12-lipoxygenase and secreted phospholipase A2-IIA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E3564-73	11.5	139
46	Human embryonic stem cell-derived oligodendrocyte progenitors remyelinate the brain and rescue behavioral deficits following radiation. <i>Cell Stem Cell</i> , 2015 , 16, 198-210	18	129
45	Emerging restorative treatments for Parkinson's disease. <i>Progress in Neurobiology</i> , 2008 , 85, 407-32	10.9	121
44	Bone-marrow-derived microglia: myth or reality?. <i>Current Opinion in Pharmacology</i> , 2008 , 8, 508-18	5.1	120
43	Brain bioavailability of human intravenous immunoglobulin and its transport through the murine blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 1983-92	7.3	93
42	A fluorescent probe of polyamine transport accumulates into intracellular acidic vesicles via a two-step mechanism. <i>Journal of Biological Chemistry</i> , 2004 , 279, 49355-66	5.4	92
41	Recent advances in the molecular biology of metazoan polyamine transport. <i>Amino Acids</i> , 2012 , 42, 711-33	3.5	85
40	Rod-Shaped monocytes patrol the brain vasculature and give rise to perivascular macrophages under the influence of proinflammatory cytokines and angiopoietin-2. <i>Journal of Neuroscience</i> , 2008 , 28, 10187-99	6.6	76
39	Polyamines play a critical role in the control of the innate immune response in the mouse central nervous system. <i>Journal of Cell Biology</i> , 2003 , 162, 257-68	7.3	67
38	Microglia. <i>Current Biology</i> , 2008 , 18, R506-8	6.3	60

37	In vivo labeling of brain capillary endothelial cells after intravenous injection of monoclonal antibodies targeting the transferrin receptor. <i>Molecular Pharmacology</i> , 2011 , 80, 32-9	4.3	58
36	Gastrointestinal Dysfunctions in Parkinson's Disease: Symptoms and Treatments. <i>Parkinsons Disease</i> , 2016 , 2016, 6762528	2.6	57
35	Role of endocytosis in the internalization of spermidine-C(2)-BODIPY, a highly fluorescent probe of polyamine transport. <i>Biochemical Journal</i> , 2002 , 367, 347-57	3.8	49
34	The role of immunity in Huntington's disease. <i>Molecular Psychiatry</i> , 2011 , 16, 889-902	15.1	48
33	Neuronal degeneration in striatal transplants and Huntington's disease: potential mechanisms and clinical implications. <i>Brain</i> , 2011 , 134, 641-52	11.2	43
32	Implication of GPER1 in neuroprotection in a mouse model of Parkinson's disease. <i>Neurobiology of Aging</i> , 2013 , 34, 887-901	5.6	42
31	Automated filtering of intrinsic movement artifacts during two-photon intravital microscopy. <i>PLoS ONE</i> , 2013 , 8, e53942	3.7	41
30	Calpain activation is involved in early caspase-independent neurodegeneration in the hippocampus following status epilepticus. <i>Journal of Neurochemistry</i> , 2008 , 105, 666-76	6	41
29	Mutant huntingtin interacts with {beta}-tubulin and disrupts vesicular transport and insulin secretion. <i>Human Molecular Genetics</i> , 2009 , 18, 3942-54	5.6	38
28	Neuroinflammation in the generation of post-transplantation dyskinesia in Parkinson's disease. <i>Neurobiology of Disease</i> , 2008 , 32, 220-8	7.5	36
27	Changes in calcium dynamics following the reversal of the sodium-calcium exchanger have a key role in AMPA receptor-mediated neurodegeneration via calpain activation in hippocampal neurons. <i>Cell Death and Differentiation</i> , 2007 , 14, 1635-46	12.7	36
26	GPER1-mediated immunomodulation and neuroprotection in the myenteric plexus of a mouse model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2015 , 82, 99-113	7.5	35
25	The critical role of the MyD88-dependent pathway in non-CNS MPTP-mediated toxicity. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 1143-52	16.6	34
24	Partial depletion of the proinflammatory monocyte population is neuroprotective in the myenteric plexus but not in the basal ganglia in a MPTP mouse model of Parkinson's disease. <i>Brain, Behavior, and Immunity</i> , 2015 , 46, 154-67	16.6	33
23	Striatal allografts in patients with Huntington's disease: impact of diminished astrocytes and vascularization on graft viability. <i>Brain</i> , 2013 , 136, 433-43	11.2	32
22	Revisiting structure/functions of the human epididymis. <i>Andrology</i> , 2019 , 7, 748-757	4.2	19
21	Mitotic phosphotyrosine network analysis reveals that tyrosine phosphorylation regulates Polo-like kinase 1 (PLK1). <i>Science Signaling</i> , 2016 , 9, rs14	8.8	18
20	Neuroprotective and immunomodulatory effects of raloxifene in the myenteric plexus of a mouse model of Parkinson's disease. <i>Neurobiology of Aging</i> , 2016 , 48, 61-71	5.6	16

19	Ornithine metabolism along the female mouse nephron: localization of ornithine decarboxylase and ornithine aminotransferase. <i>Pflugers Archiv European Journal of Physiology</i> , 2000 , 440, 761-9	4.6	16
18	Organotypic explant culture of glioblastoma multiforme and subsequent single-cell suspension. <i>Current Protocols in Stem Cell Biology</i> , 2011 , Chapter 3, Unit3.5	2.8	14
17	Xylylated dimers of putrescine and polyamines: influence of the polyamine backbone on spermidine transport inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 3267-71	2.9	13
16	Multiphoton intravital microscopy in small animals: motion artefact challenges and technical solutions. <i>Journal of Microscopy</i> , 2020 , 278, 3-17	1.9	12
15	Automated High-Performance Analysis of Lung Morphometry. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 149-58	5.7	12
14	Platelets release mitochondrial antigens in systemic lupus erythematosus. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	12
13	Perspective: how to make microarray, serial analysis of gene expression, and proteomic relevant to day-to-day endocrine problems and physiological systems. <i>Endocrinology</i> , 2002 , 143, 1995-2001	4.8	11
12	Histomorphometric analyses of human adipose tissues using intact, flash-frozen samples. <i>Histochemistry and Cell Biology</i> , 2018 , 149, 209-218	2.4	10
11	Neuroprotection and immunomodulation in the gut of parkinsonian mice with a plasmalogen precursor. <i>Brain Research</i> , 2019 , 1725, 146460	3.7	10
10	Hedgehog signaling pathway regulates gene expression profile of epididymal principal cells through the primary cilium. <i>FASEB Journal</i> , 2020 , 34, 7593-7609	0.9	7
9	Extracellular Na(+) levels regulate formation and activity of the NaX/alpha1-Na(+)/K(+)-ATPase complex in neuronal cells. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 413	6.1	4
8	Neuroprotection and immunomodulation of progesterone in the gut of a mouse model of Parkinson's disease. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12782	3.8	4
7	Cell-lineage specificity of primary cilia during postnatal epididymal development. <i>Human Reproduction</i> , 2018 , 33, 1829-1838	5.7	4
6	Essential Intracrine Androgenic Action in Lung Development for Both Sexes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 183, 184-191	5.1	3
5	Evidence for a Multistep Model for Eukaryotic Polyamine Transport 2006 , 415-432		2
4	Effect of sex and gonadectomy on brain MPTP toxicity and response to dutasteride treatment in mice. <i>Neuropharmacology</i> , 2021 , 201, 108784	5.5	2
3	Role of Polyamines in the Control of the Immune Response in the Brain 2006 , 279-292		1
2	A light-inducible protein clustering system for in vivo analysis of β synuclein aggregation in Parkinson disease.. <i>PLoS Biology</i> , 2022 , 20, e3001578	9.7	0

- 1 Ovine model of congenital chest wall and spine deformity with alterations of respiratory mechanics: follow-up from birth to three months. *Studies in Health Technology and Informatics*, **2021**, 280, 255-256 0.5