

Denis Soulet

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

6,849
citations

134610

34
h-index

175968

55
g-index

65
all docs

65
docs citations

65
times ranked

11142
citing authors

#	ARTICLE	IF	CITATIONS
1	A light-inducible protein clustering system for in vivo analysis of α -synuclein aggregation in Parkinson disease. <i>PLoS Biology</i> , 2022, 20, e3001578.	2.6	12
2	Live imaging of platelets and neutrophils during antibody-mediated neurovascular thrombosis. <i>Blood Advances</i> , 2022, , .	2.5	1
3	Differential contribution of estrogen receptors to the intestinal therapeutic effects of 17β -estradiol in a murine model of Parkinson's disease. <i>Brain Research Bulletin</i> , 2022, 187, 85-97.	1.4	3
4	Platelets release mitochondrial antigens in systemic lupus erythematosus. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	59
5	Ovine model of congenital chest wall and spine deformity with alterations of respiratory mechanics: follow-up from birth to three months. <i>Studies in Health Technology and Informatics</i> , 2021, 280, 255-256.	0.2	0
6	Effect of sex and gonadectomy on brain MPTP toxicity and response to dutasteride treatment in mice. <i>Neuropharmacology</i> , 2021, 201, 108784.	2.0	12
7	404...Platelets are a source of extracellular mitochondria and mitochondrial DNA in systemic lupus erythematosus. , 2021, , .		0
8	Effect of Docosahexaenoic Acid (DHA) at the Enteric Level in a Synucleinopathy Mouse Model. <i>Nutrients</i> , 2021, 13, 4218.	1.7	4
9	Neuroprotection and immunomodulation of progesterone in the gut of a mouse model of Parkinson's disease. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12782.	1.2	10
10	Multiphoton intravital microscopy in small animals: motion artefact challenges and technical solutions. <i>Journal of Microscopy</i> , 2020, 278, 3-17.	0.8	24
11	Hedgehog signaling pathway regulates gene expression profile of epididymal principal cells through the primary cilium. <i>FASEB Journal</i> , 2020, 34, 7593-7609.	0.2	14
12	Neuroprotection and immunomodulation in the gut of parkinsonian mice with a plasmalogen precursor. <i>Brain Research</i> , 2019, 1725, 146460.	1.1	13
13	Revisiting structure/functions of the human epididymis. <i>Andrology</i> , 2019, 7, 748-757.	1.9	59
14	Histomorphometric analyses of human adipose tissues using intact, flash-frozen samples. <i>Histochemistry and Cell Biology</i> , 2018, 149, 209-218.	0.8	16
15	Cell-lineage specificity of primary cilia during postnatal epididymal development. <i>Human Reproduction</i> , 2018, 33, 1829-1838.	0.4	9
16	Essential Intracrine Androgenic Action in Lung Development for Both Sexes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 183, 184-191.	1.2	5
17	Gastrointestinal Dysfunctions in Parkinson's Disease: Symptoms and Treatments. <i>Parkinson's Disease</i> , 2016, 2016, 1-23.	0.6	79
18	Mitotic phosphotyrosine network analysis reveals that tyrosine phosphorylation regulates Polo-like kinase 1 (PLK1). <i>Science Signaling</i> , 2016, 9, rs14.	1.6	26

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19	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.	1.5	22
20	Automated High-Performance Analysis of Lung Morphometry. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 149-158.	1.4	17
21	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.	2.1	45
22	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.	5.2	164
23	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, 154-167.	2.0	42
24	Platelet microparticles are internalized in neutrophils via the concerted activity of 12-lipoxygenase and secreted phospholipase A ₂ -IIA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3564-73.	3.3	187
25	Extracellular Na ⁺ levels regulate formation and activity of the NaX/ α 1-Na ⁺ /K ⁺ -ATPase complex in neuronal cells. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 413.	1.8	5
26	Early immune response in MPTP-induced neuroinflammation in the mouse myenteric plexus and central nervous system. <i>Journal of Neuroimmunology</i> , 2014, 275, 149.	1.1	0
27	Platelets release mitochondria serving as substrate for bactericidal group IIA-secreted phospholipase A ₂ to promote inflammation. <i>Blood</i> , 2014, 124, 2173-2183.	0.6	513
28	Implication of GPER1 in neuroprotection in a mouse model of Parkinson's disease. <i>Neurobiology of Aging</i> , 2013, 34, 887-901.	1.5	53
29	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, 1983-1992.	2.4	139
30	Striatal allografts in patients with Huntington's disease: impact of diminished astrocytes and vascularization on graft viability. <i>Brain</i> , 2013, 136, 433-443.	3.7	38
31	Automated Filtering of Intrinsic Movement Artifacts during Two-Photon Intravital Microscopy. <i>PLoS ONE</i> , 2013, 8, e53942.	1.1	61
32	Recent advances in the molecular biology of metazoan polyamine transport. <i>Amino Acids</i> , 2012, 42, 711-723.	1.2	101
33	Organotypic Explant Culture of Glioblastoma Multiforme and Subsequent Single-Cell Suspension. <i>Current Protocols in Stem Cell Biology</i> , 2011, 19, Unit3.5.	3.0	16
34	The critical role of the MyD88-dependent pathway in non-CNS MPTP-mediated toxicity. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1143-1152.	2.0	41
35	Neuronal degeneration in striatal transplants and Huntington's disease: potential mechanisms and clinical implications. <i>Brain</i> , 2011, 134, 641-652.	3.7	51
36	The role of immunity in Huntington's disease. <i>Molecular Psychiatry</i> , 2011, 16, 889-902.	4.1	54

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37	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, 12533-12542.	1.7	276
38	In Vivo Labeling of Brain Capillary Endothelial Cells after Intravenous Injection of Monoclonal Antibodies Targeting the Transferrin Receptor. <i>Molecular Pharmacology</i> , 2011, 80, 32-39.	1.0	67
39	Inhibition of Notch Signaling in Glioblastoma Targets Cancer Stem Cells via an Endothelial Cell Intermediate. <i>Stem Cells</i> , 2010, 28, 1019-1029.	1.4	284
40	Mutant huntingtin interacts with α -tubulin and disrupts vesicular transport and insulin secretion. <i>Human Molecular Genetics</i> , 2009, 18, 3942-3954.	1.4	43
41	Lewy bodies in grafted neurons in subjects with Parkinson's disease suggest host-to-graft disease propagation. <i>Nature Medicine</i> , 2008, 14, 501-503.	15.2	1,595
42	Calpain activation is involved in early caspase-independent neurodegeneration in the hippocampus following status epilepticus. <i>Journal of Neurochemistry</i> , 2008, 105, 666-676.	2.1	46
43	Microglia. <i>Current Biology</i> , 2008, 18, R506-R508.	1.8	76
44	Neuroinflammation in the generation of post-transplantation dyskinesia in Parkinson's disease. <i>Neurobiology of Disease</i> , 2008, 32, 220-228.	2.1	41
45	Emerging restorative treatments for Parkinson's disease. <i>Progress in Neurobiology</i> , 2008, 85, 407-432.	2.8	133
46	Critical issues of clinical human embryonic stem cell therapy for brain repair. <i>Trends in Neurosciences</i> , 2008, 31, 146-153.	4.2	171
47	Bone-marrow-derived microglia: myth or reality?. <i>Current Opinion in Pharmacology</i> , 2008, 8, 508-518.	1.7	130
48	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, 10187-10199.	1.7	80
49	A novel pathogenic pathway of immune activation detectable before clinical onset in Huntington's disease. <i>Journal of Experimental Medicine</i> , 2008, 205, 1869-1877.	4.2	559
50	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, 1635-1646.	5.0	41
51	Role of Polyamines in the Control of the Immune Response in the Brain. , 2006, , 279-292.		1
52	Bone Marrow-Derived Microglia Play a Critical Role in Restricting Senile Plaque Formation in Alzheimer's Disease. <i>Neuron</i> , 2006, 49, 489-502.	3.8	1,123
53	Evidence for a Multistep Model for Eukaryotic Polyamine Transport. , 2006, , 415-432.		2
54	A Fluorescent Probe of Polyamine Transport Accumulates into Intracellular Acidic Vesicles via a Two-step Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 49355-49366.	1.6	109

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55	Xylylated dimers of putrescine and polyamines: influence of the polyamine backbone on spermidine transport inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3267-3271.	1.0	13
56	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, 257-268.	2.3	79
57	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.	1.4	12
58	Role of endocytosis in the internalization of spermidine-C2-BODIPY, a highly fluorescent probe of polyamine transport. <i>Biochemical Journal</i> , 2002, 367, 347-357.	1.7	53
59	Ornithine metabolism along the female mouse nephron: localization of ornithine decarboxylase and ornithine aminotransferase. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, 761-769.	1.3	17