

François Cossais

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

816
citations

471509

17
h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

1425
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct pattern of enteric phospho-alpha-synuclein aggregates and gene expression profiles in patients with Parkinson's disease. <i>Acta Neuropathologica Communications</i> , 2017, 5, 1.	5.2	107
2	Hypomorphic Sox10 alleles reveal novel protein functions and unravel developmental differences in glial lineages. <i>Development (Cambridge)</i> , 2007, 134, 3271-3281.	2.5	85
3	Genome-wide association analysis of diverticular disease points towards neuromuscular, connective tissue and epithelial pathomechanisms. <i>Gut</i> , 2019, 68, 854-865.	12.1	84
4	Modulation of lipopolysaccharide-induced neuronal response by activation of the enteric nervous system. <i>Journal of Neuroinflammation</i> , 2014, 11, 202.	7.2	48
5	Alpha Synuclein Connects the Gut-Brain Axis in Parkinson's Disease Patients – A View on Clinical Aspects, Cellular Pathology and Analytical Methodology. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 573696.	3.7	43
6	The enteric nervous system is a potential autoimmune target in multiple sclerosis. <i>Acta Neuropathologica</i> , 2017, 134, 281-295.	7.7	38
7	Butyrate enemas enhance both cholinergic and nitroergic phenotype of myenteric neurons and neuromuscular transmission in newborn rat colon. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G1373-G1380.	3.4	36
8	Morphologic Basis for Developing Diverticular Disease, Diverticulitis, and Diverticular Bleeding. <i>Visceral Medicine</i> , 2015, 31, 76-82.	1.3	35
9	Postnatal development of the myenteric glial network and its modulation by butyrate. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G941-G951.	3.4	32
10	A novel enteric neuron-glia coculture system reveals the role of glia in neuronal development. <i>Journal of Physiology</i> , 2017, 595, 583-598.	2.9	32
11	Anti-inflammatory properties of Honokiol in activated primary microglia and astrocytes. <i>Journal of Neuroimmunology</i> , 2018, 323, 78-86.	2.3	31
12	Do ovarian scars persist with age in all Cetaceans: new insight from the short-beaked common dolphin (<i>Delphinus delphis</i> Linnaeus, 1758). <i>Marine Biology</i> , 2008, 156, 127-139.	1.5	29
13	SOX10 structure-function analysis in the chicken neural tube reveals important insights into its role in human neurocristopathies. <i>Human Molecular Genetics</i> , 2010, 19, 2409-2420.	2.9	27
14	Titanium dioxide nanoparticles activate IL8-related inflammatory pathways in human colonic epithelial Caco-2 cells. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	21
15	<p>Liposomal Encapsulated Curcumin Effectively Attenuates Neuroinflammatory and Reactive Astrogliosis Reactions in Glia Cells and Organotypic Brain Slices</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3649-3667.	6.7	21
16	Genome-wide analysis of 944 133 individuals provides insights into the etiology of haemorrhoidal disease. <i>Gut</i> , 2021, 70, 1538-1549.	12.1	21
17	No neuronal loss, but alterations of the GDNF system in asymptomatic diverticulosis. <i>PLoS ONE</i> , 2017, 12, e0171416.	2.5	21
18	Replacement of mouse Sox10 by the Drosophila ortholog Sox100B provides evidence for co-option of SoxE proteins into vertebrate-specific gene-regulatory networks through altered expression. <i>Developmental Biology</i> , 2010, 341, 267-281.	2.0	19

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19	Expression and function of Neuregulin 1 and its signaling system ERBB2/3 in the enteric nervous system. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 360.	3.7	18
20	Persistent Increased Enteric Glial Expression of S100 β is Associated With Low-grade Inflammation in Patients With Diverticular Disease. <i>Journal of Clinical Gastroenterology</i> , 2019, 53, 449-456.	2.2	14
21	Short communication: Tryptic β -casein hydrolysate modulates enteric nervous system development in primary culture. <i>Journal of Dairy Science</i> , 2017, 100, 3396-3403.	3.4	9
22	Altered enteric expression of the homeobox transcription factor Phox2b in patients with diverticular disease. <i>United European Gastroenterology Journal</i> , 2019, 7, 349-357.	3.8	8
23	Expression Profiling of Rectal Biopsies Suggests Altered Enteric Neuropathological Traits in Parkinson's Disease Patients. <i>Journal of Parkinson's Disease</i> , 2021, 11, 171-176.	2.8	7
24	Effects of different ischemic preconditioning strategies on physiological and cellular mechanisms of intestinal ischemia/reperfusion injury: Implication from an isolated perfused rat small intestine model. <i>PLoS ONE</i> , 2021, 16, e0256957.	2.5	7
25	Aldosterone exerts anti-inflammatory effects on LPS stimulated microglia. <i>Heliyon</i> , 2018, 4, e00826.	3.2	5
26	Glial cell responses on tetrapod-shaped graphene oxide and reduced graphene oxide 3D scaffolds in brain in vitro and ex vivo models of indirect contact. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 015008.	3.3	4
27	Gastrointestinal mucosal biopsies in Parkinson's disease: beyond alpha-synuclein detection. <i>Journal of Neural Transmission</i> , 2022, 129, 1095-1103.	2.8	4
28	Impaired Expression of Neuregulin 1 and Nicotinic Acetylcholine Receptor $\alpha 5$ Subunit in Diverticular Disease. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 563.	3.7	3
29	Putative function of goblet cells as epithelial sealing in ischaemia/reperfusion-induced intestinal barrier dysfunction. <i>Gut</i> , 2020, 69, 1888-1890.	12.1	3
30	Limited Impact of 6-Mercaptopurine on Inflammation-Induced Chemokines Expression Profile in Primary Cultures of Enteric Nervous System. <i>Neurochemical Research</i> , 2021, 46, 1781-1793.	3.3	3