

Mathilde Body-Malapel

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.

40
papers

4,832
citations

25
h-index

44
g-index

44
ext. papers

5,355
ext. citations

7.8
avg. IF

5.01
L-index

#	Paper	IF	Citations
40	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1beta in salmonella-infected macrophages. <i>Nature Immunology</i> , 2006 , 7, 576-82	19.1	910
39	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006 , 440, 233-6	50.4	891
38	Critical role for Cryopyrin/Nalp3 in activation of caspase-1 in response to viral infection and double-stranded RNA. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36560-8	5.4	525
37	RICK/RIP2 mediates innate immune responses induced through Nod1 and Nod2 but not TLRs. <i>Journal of Immunology</i> , 2007 , 178, 2380-6	5.3	388
36	Regulation of Legionella phagosome maturation and infection through flagellin and host Ipaf. <i>Journal of Biological Chemistry</i> , 2006 , 281, 35217-23	5.4	366
35	The NOD-like receptor NLRP12 attenuates colon inflammation and tumorigenesis. <i>Cancer Cell</i> , 2011 , 20, 649-60	24.3	282
34	IL-18 production downstream of the Nlrp3 inflammasome confers protection against colorectal tumor formation. <i>Journal of Immunology</i> , 2010 , 185, 4912-20	5.3	262
33	Impaired expression of the peroxisome proliferator-activated receptor alpha during hepatitis C virus infection. <i>Gastroenterology</i> , 2005 , 128, 334-42	13.3	169
32	Distinct roles of TLR2 and the adaptor ASC in IL-1beta/IL-18 secretion in response to <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2006 , 176, 4337-42	5.3	153
31	Nucleotide-binding oligomerization domain-1 and epidermal growth factor receptor: critical regulators of beta-defensins during <i>Helicobacter pylori</i> infection. <i>Journal of Biological Chemistry</i> , 2006 , 281, 11637-48	5.4	134
30	Immunotoxicity and intestinal effects of nano- and microplastics: a review of the literature. <i>Particle and Fibre Toxicology</i> , 2020 , 17, 57	8.4	72
29	Aluminum enhances inflammation and decreases mucosal healing in experimental colitis in mice. <i>Mucosal Immunology</i> , 2014 , 7, 589-601	9.2	63
28	Hepatitis C virus infection down-regulates the expression of peroxisome proliferator-activated receptor alpha and carnitine palmitoyl acyl-CoA transferase 1A. <i>World Journal of Gastroenterology</i> , 2005 , 11, 7591-6	5.6	58
27	Effects of urban coarse particles inhalation on oxidative and inflammatory parameters in the mouse lung and colon. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 46	8.4	39
26	Protein hydrolysates stimulate proglucagon gene transcription in intestinal endocrine cells via two elements related to cyclic AMP response element. <i>Diabetologia</i> , 2004 , 47, 926-36	10.3	39
25	NOD2: a potential target for regulating liver injury. <i>Laboratory Investigation</i> , 2008 , 88, 318-27	5.9	38
24	Does oral exposure to cadmium and lead mediate susceptibility to colitis? The dark-and-bright sides of heavy metals in gut ecology. <i>Scientific Reports</i> , 2016 , 6, 19200	4.9	36

23	3-Carboxamido-5-aryl-isoxazoles as new CB2 agonists for the treatment of colitis. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5383-94	3.4	34
22	New FAAH inhibitors based on 3-carboxamido-5-aryl-isoxazole scaffold that protect against experimental colitis. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 3777-86	3.4	32
21	Chronic ingestion of deoxynivalenol at human dietary levels impairs intestinal homeostasis and gut microbiota in mice. <i>Archives of Toxicology</i> , 2018 , 92, 2327-2338	5.8	32
20	Neutrophil migration during liver injury is under nucleotide-binding oligomerization domain 1 control. <i>Gastroenterology</i> , 2010 , 138, 1546-56, 1556.e1-5	13.3	30
19	4-Oxo-1,4-dihydropyridines as selective CB2 cannabinoid receptor ligands: structural insights into the design of a novel inverse agonist series. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 7918-31	8.3	28
18	No evidence for an involvement of the p38 and JNK mitogen-activated protein in inflammatory bowel diseases. <i>Digestive Diseases and Sciences</i> , 2006 , 51, 1443-53	4	26
17	The RAGE signaling pathway is involved in intestinal inflammation and represents a promising therapeutic target for Inflammatory Bowel Diseases. <i>Mucosal Immunology</i> , 2019 , 12, 468-478	9.2	26
16	Recent advances in the development of selective CB(2) agonists as promising anti-inflammatory agents. <i>Current Medicinal Chemistry</i> , 2012 , 19, 3457-74	4.3	25
15	Toxicological consequences of experimental exposure to aluminum in human intestinal epithelial cells. <i>Food and Chemical Toxicology</i> , 2016 , 91, 108-16	4.7	23
14	micro-Opioid receptor activation prevents acute hepatic inflammation and cell death. <i>Gut</i> , 2007 , 56, 974-81	1.12	22
13	Gut: An underestimated target organ for Aluminum. <i>Morphologie</i> , 2016 , 100, 75-84	0.9	21
12	Conformational Restriction Leading to a Selective CB2 Cannabinoid Receptor Agonist Orally Active Against Colitis. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 198-203	4.3	20
11	4-Oxo-1,4-dihydropyridines as selective CB2 cannabinoid receptor ligands. Part 2: discovery of new agonists endowed with protective effect against experimental colitis. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 8948-52	8.3	20
10	Review article: Epidemiological and animal evidence for the role of air pollution in intestinal diseases. <i>Science of the Total Environment</i> , 2021 , 757, 143718	10.2	16
9	Switching cannabinoid response from CB(2) agonists to FAAH inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1322-6	2.9	11
8	Aluminum Ingestion Promotes Colorectal Hypersensitivity in Rodents. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019 , 7, 185-196	7.9	11
7	Benzo[d]thiazol-2(3H)-ones as new potent selective CB agonists with anti-inflammatory properties. <i>European Journal of Medicinal Chemistry</i> , 2019 , 165, 347-362	6.8	9
6	-GlcNAcylation Links Nutrition to the Epigenetic Downregulation of during Colon Carcinogenesis. <i>Cancers</i> , 2020 , 12,	6.6	6

5	Fine-scale geographical distribution and ecological risk factors for Crohn's disease in France (2007-2014). <i>Alimentary Pharmacology and Therapeutics</i> , 2020 , 51, 139-148	6.1	5
4	741 4-Oxo-1,4-Dihydroquinoline-3-Carboxamides Derivatives As New Potent and Selective Cb2 Agonists with Anti-Inflammatory and Analgesic Properties in the Gut. <i>Gastroenterology</i> , 2008 , 134, A-107 ^{13.3}		3
3	Oral exposure to polyethylene microplastics alters gut morphology, immune response, and microbiota composition in mice.. <i>Environmental Research</i> , 2022 , 113230	7.9	1
2	Exposure to atmospheric Ag, TiO, Ti and SiO engineered nanoparticles modulates gut inflammatory response and microbiota in mice.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 236, 113442	7	0
1	P741 Fine-scale geographic distribution and ecological studies of Crohn's disease in France (2007-2014). <i>Journal of Crohn's and Colitis</i> , 2019 , 13, S492-S492	1.5	