

Mathilde Body-Malapel

List of Publications by Year in descending order

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43
papers

5,892
citations

201385

27
h-index

276539

41
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44
all docs

44
docs citations

44
times ranked

7067
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1 β in salmonella-infected macrophages. <i>Nature Immunology</i> , 2006, 7, 576-582.	7.0	1,028
2	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006, 440, 233-236.	13.7	1,016
3	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, 36560-36568.	1.6	598
4	RICK/RIP2 Mediates Innate Immune Responses Induced through Nod1 and Nod2 but Not TLRs. <i>Journal of Immunology</i> , 2007, 178, 2380-2386.	0.4	452
5	Regulation of Legionella Phagosome Maturation and Infection through Flagellin and Host Ipaf. <i>Journal of Biological Chemistry</i> , 2006, 281, 35217-35223.	1.6	417
6	The NOD-Like Receptor NLRP12 Attenuates Colon Inflammation and Tumorigenesis. <i>Cancer Cell</i> , 2011, 20, 649-660.	7.7	343
7	IL-18 Production Downstream of the Nlrp3 Inflammasome Confers Protection against Colorectal Tumor Formation. <i>Journal of Immunology</i> , 2010, 185, 4912-4920.	0.4	326
8	Immunotoxicity and intestinal effects of nano- and microplastics: a review of the literature. <i>Particle and Fibre Toxicology</i> , 2020, 17, 57.	2.8	269
9	Impaired expression of the peroxisome proliferator-activated receptor alpha during hepatitis C virus infection. <i>Gastroenterology</i> , 2005, 128, 334-342.	0.6	194
10	Distinct Roles of TLR2 and the Adaptor ASC in IL-1 β /IL-18 Secretion in Response to <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2006, 176, 4337-4342.	0.4	165
11	Nucleotide-binding Oligomerization Domain-1 and Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 11637-11648.	1.6	158
12	Aluminum enhances inflammation and decreases mucosal healing in experimental colitis in mice. <i>Mucosal Immunology</i> , 2014, 7, 589-601.	2.7	78
13	Hepatitis C virus infection down-regulates the expression of peroxisome proliferator-activated receptor α and carnitine palmitoyl acyl-CoA transferase 1A. <i>World Journal of Gastroenterology</i> , 2005, 11, 7591.	1.4	66
14	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.	2.7	54
15	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.	1.9	50
16	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.	2.8	49
17	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.	1.6	46
18	Protein hydrolysates stimulate proglucagon gene transcription in intestinal endocrine cells via two elements related to cyclic AMP response element. <i>Diabetologia</i> , 2004, 47, 926-936.	2.9	43

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19	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.	3.9	43
20	NOD2: a potential target for regulating liver injury. <i>Laboratory Investigation</i> , 2008, 88, 318-327.	1.7	41
21	New FAAH inhibitors based on 3-carboxamido-5-aryl-isoxazole scaffold that protect against experimental colitis. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3777-3786.	1.4	38
22	3-Carboxamido-5-aryl-isoxazoles as new CB2 agonists for the treatment of colitis. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5383-5394.	1.4	36
23	Recent Advances in the Development of Selective CB2 Agonists as Promising Anti-Inflammatory Agents. <i>Current Medicinal Chemistry</i> , 2012, 19, 3457-3474.	1.2	33
24	Oral exposure to polyethylene microplastics alters gut morphology, immune response, and microbiota composition in mice. <i>Environmental Research</i> , 2022, 212, 113230.	3.7	33
25	Neutrophil Migration During Liver Injury Is Under Nucleotide-Binding Oligomerization Domain 1 Control. <i>Gastroenterology</i> , 2010, 138, 1546-1556.e5.	0.6	32
26	Gut: An underestimated target organ for Aluminum. <i>Morphologie</i> , 2016, 100, 75-84.	0.5	32
27	4-Oxo-1,4-dihydropyridines as Selective CB ₂ Cannabinoid Receptor Ligands: Structural Insights into the Design of a Novel Inverse Agonist Series. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7918-7931.	2.9	30
28	Toxicological consequences of experimental exposure to aluminum in human intestinal epithelial cells. <i>Food and Chemical Toxicology</i> , 2016, 91, 108-116.	1.8	30
29	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, 1443-1453.	1.1	28
30	Î-Opioid receptor activation prevents acute hepatic inflammation and cell death. <i>Gut</i> , 2007, 56, 974-981.	6.1	27
31	Conformational Restriction Leading to a Selective CB2 Cannabinoid Receptor Agonist Orally Active Against Colitis. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 198-203.	1.3	23
32	4-Oxo-1,4-dihydropyridines as Selective CB ₂ Cannabinoid Receptor Ligands Part 2: Discovery of New Agonists Endowed with Protective Effect Against Experimental Colitis. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8948-8952.	2.9	21
33	Aluminum Ingestion Promotes Colorectal Hypersensitivity in Rodents. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 185-196.	2.3	19
34	Benzo[d]thiazol-2(3H)-ones as new potent selective CB2 agonists with anti-inflammatory properties. <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 347-362.	2.6	13
35	Switching cannabinoid response from CB2 agonists to FAAH inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1322-1326.	1.0	12
36	The Toxic Effects of Xenobiotics on the Health of Humans and Animals. <i>BioMed Research International</i> , 2017, 2017, 1-2.	0.9	12

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37	O-GlcNAcylation Links Nutrition to the Epigenetic Downregulation of UNC5A during Colon Carcinogenesis. <i>Cancers</i> , 2020, 12, 3168.	1.7	12
38	Exposure to atmospheric Ag, TiO ₂ , Ti and SiO ₂ engineered nanoparticles modulates gut inflammatory response and microbiota in mice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113442.	2.9	10
39	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.	1.9	8
40	Murine in utero exposure to simulated complex urban air pollution disturbs offspring gut maturation and microbiota during intestinal suckling-to-weaning transition in a sex-dependent manner. <i>Particle and Fibre Toxicology</i> , 2022, 19, .	2.8	4
41	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.	0.6	3
42	[30] INVOLVEMENT OF NOD SIGNALLING IN HEPATOCYTE AND IMMUNE CELLS DURING HEPATITIS. <i>Journal of Hepatology</i> , 2007, 46, S15.	1.8	0
43	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.	0.6	0