

Mathilde Body-Malapel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8804824/publications.pdf>

Version: 2024-02-01

43
papers

5,892
citations

201674
27
h-index

276875
41
g-index

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. | 14.5 | 1,028 |
| 2 | Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006, 440, 233-236. | 27.8 | 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. | 3.4 | 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. | 0.8 | 452 |
| 5 | Regulation of Legionella Phagosome Maturation and Infection through Flagellin and Host Ipaf. <i>Journal of Biological Chemistry</i> , 2006, 281, 35217-35223. | 3.4 | 417 |
| 6 | The NOD-Like Receptor NLRP12 Attenuates Colon Inflammation and Tumorigenesis. <i>Cancer Cell</i> , 2011, 20, 649-660. | 16.8 | 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. | 0.8 | 326 |
| 8 | Immunotoxicity and intestinal effects of nano- and microplastics: a review of the literature. <i>Particle and Fibre Toxicology</i> , 2020, 17, 57. | 6.2 | 269 |
| 9 | Impaired expression of the peroxisome proliferator-activated receptor α during hepatitis C virus infection. <i>Gastroenterology</i> , 2005, 128, 334-342. | 1.3 | 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. | 0.8 | 165 |
| 11 | Nucleotide-binding Oligomerization Domain-1 and Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 11637-11648. | 3.4 | 158 |
| 12 | Aluminum enhances inflammation and decreases mucosal healing in experimental colitis in mice. <i>Mucosal Immunology</i> , 2014, 7, 589-601. | 6.0 | 78 |
| 13 | Hepatitis C virus infection down-regulates the expression of peroxisome proliferator-activated receptor β and carnitine palmitoyl acyl-CoA transferase 1A. <i>World Journal of Gastroenterology</i> , 2005, 11, 7591. | 3.3 | 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. | 6.0 | 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. | 4.2 | 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. | 6.2 | 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. | 3.3 | 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. | 6.3 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 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. | 8.0 | 43 |
| 20 | NOD2: a potential target for regulating liver injury. <i>Laboratory Investigation</i> , 2008, 88, 318-327. | 3.7 | 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. | 3.0 | 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. | 3.0 | 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. | 2.4 | 33 |
| 24 | Oral exposure to polyethylene microplastics alters gut morphology, immune response, and microbiota composition in mice. <i>Environmental Research</i> , 2022, 212, 113230. | 7.5 | 33 |
| 25 | Neutrophil Migration During Liver Injury Is Under Nucleotide-Binding Oligomerization Domain 1 Control. <i>Gastroenterology</i> , 2010, 138, 1546-1556.e5. | 1.3 | 32 |
| 26 | Gut: An underestimated target organ for Aluminum. <i>Morphologie</i> , 2016, 100, 75-84. | 0.9 | 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. | 6.4 | 30 |
| 28 | Toxicological consequences of experimental exposure to aluminum in human intestinal epithelial cells. <i>Food and Chemical Toxicology</i> , 2016, 91, 108-116. | 3.6 | 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. | 2.3 | 28 |
| 30 | Â-Opioid receptor activation prevents acute hepatic inflammation and cell death. <i>Gut</i> , 2007, 56, 974-981. | 12.1 | 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. | 2.8 | 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. | 6.4 | 21 |
| 33 | Aluminum Ingestion Promotes Colorectal Hypersensitivity in Rodents. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 185-196. | 4.5 | 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. | 5.5 | 13 |
| 35 | Switching cannabinoid response from CB2 agonists to FAAH inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1322-1326. | 2.2 | 12 |
| 36 | The Toxic Effects of Xenobiotics on the Health of Humans and Animals. <i>BioMed Research International</i> , 2017, 2017, 1-2. | 1.9 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | O-GlcNAcylation Links Nutrition to the Epigenetic Downregulation of UNC5A during Colon Carcinogenesis. <i>Cancers</i> , 2020, 12, 3168. | 3.7 | 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. | 6.0 | 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. | 3.7 | 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, . | 6.2 | 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. | 1.3 | 3 |
| 42 | [30] INVOLVEMENT OF NOD SIGNALLING IN HEPATOCYTE AND IMMUNE CELLS DURING HEPATITIS. <i>Journal of Hepatology</i> , 2007, 46, S15. | 3.7 | 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. | 1.3 | 0 |