

Mireille Alhouayek

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,070
citations

279487

23
h-index

243296

44
g-index

49
all docs

49
docs citations

49
times ranked

3400
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | COX-2-derived endocannabinoid metabolites as novel inflammatory mediators. Trends in Pharmacological Sciences, 2014, 35, 284-292. | 4.0 | 206 |
| 2 | Increasing endogenous 2-ara-chidonoylglycerol levels counteracts colitis and related systemic inflammation. FASEB Journal, 2011, 25, 2711-2721. | 0.2 | 177 |
| 3 | Adipose tissue NAPE-PLD controls fat mass development by altering the browning process and gut microbiota. Nature Communications, 2015, 6, 6495. | 5.8 | 144 |
| 4 | Implication of the anti-inflammatory bioactive lipid prostaglandin D2-glycerol ester in the control of macrophage activation and inflammation by ABHD6. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17558-17563. | 3.3 | 127 |
| 5 | High-fat diet feeding differentially affects the development of inflammation in the central nervous system. Journal of Neuroinflammation, 2016, 13, 206. | 3.1 | 126 |
| 6 | The endocannabinoid system in inflammatory bowel diseases: from pathophysiology to therapeutic opportunity. Trends in Molecular Medicine, 2012, 18, 615-625. | 3.5 | 115 |
| 7 | Budesonide-loaded nanostructured lipid carriers reduce inflammation in murine DSS-induced colitis. International Journal of Pharmaceutics, 2013, 454, 775-783. | 2.6 | 115 |
| 8 | Harnessing the anti-inflammatory potential of palmitoylethanolamide. Drug Discovery Today, 2014, 19, 1632-1639. | 3.2 | 106 |
| 9 | N-acylethanolamine-hydrolyzing acid amidase inhibition increases colon N-acylethanolamine levels and counteracts murine colitis. FASEB Journal, 2015, 29, 650-661. | 0.2 | 93 |
| 10 | A comparative study of curcumin-loaded lipid-based nanocarriers in the treatment of inflammatory bowel disease. Colloids and Surfaces B: Biointerfaces, 2016, 143, 327-335. | 2.5 | 76 |
| 11 | Inflammatory Resolution Triggers a Prolonged Phase of Immune Suppression through COX-1/mPGES-1-Derived Prostaglandin E 2. Cell Reports, 2017, 20, 3162-3175. | 2.9 | 69 |
| 12 | Lysophosphatidylinositols, from Cell Membrane Constituents to GPR55 Ligands. Trends in Pharmacological Sciences, 2018, 39, 586-604. | 4.0 | 68 |
| 13 | Controlling 2-arachidonoylglycerol metabolism as an anti-inflammatory strategy. Drug Discovery Today, 2014, 19, 295-304. | 3.2 | 48 |
| 14 | Oxysterol levels and metabolism in the course of neuroinflammation: insights from in vitro and in vivo models. Journal of Neuroinflammation, 2018, 15, 74. | 3.1 | 44 |
| 15 | Oral Palmitoylethanolamide Treatment Is Associated with Reduced Cutaneous Adverse Effects of Interferon-Î21a and Circulating Proinflammatory Cytokines in Relapsing-Remitting Multiple Sclerosis. Neurotherapeutics, 2016, 13, 428-438. | 2.1 | 43 |
| 16 | In Vitro and in Vivo Evaluation of ¹¹ C-Labeled Azetidincarboxylates for Imaging Monoacylglycerol Lipase by PET Imaging Studies. Journal of Medicinal Chemistry, 2018, 61, 2278-2291. | 2.9 | 41 |
| 17 | N-acylethanolamine hydrolyzing acid amidase inhibition: tools and potential therapeutic opportunities. Drug Discovery Today, 2018, 23, 1520-1529. | 3.2 | 41 |
| 18 | N-acylethanolamine-hydrolyzing acid amidase and fatty acid amide hydrolase inhibition differentially affect N-acylethanolamine levels and macrophage activation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 474-484. | 1.2 | 37 |

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|----|--|-----|-----------|
| 19 | Stem cells from human apical papilla decrease neuro-inflammation and stimulate oligodendrocyte progenitor differentiation via activin-A secretion. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 2843-2856. | 2.4 | 34 |
| 20 | The anti-inflammatory compound palmitoylethanolamide inhibits prostaglandin and hydroxyeicosatetraenoic acid production by a macrophage cell line. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00300. | 1.1 | 33 |
| 21 | Cyclosporine A-loaded lipid nanoparticles in inflammatory bowel disease. <i>International Journal of Pharmaceutics</i> , 2016, 503, 196-198. | 2.6 | 26 |
| 22 | A Mechanistic Study on Nanoparticle-Mediated Glucagon-Like Peptide-1 (GLP-1) Secretion from Enteroendocrine L Cells. <i>Molecular Pharmaceutics</i> , 2016, 13, 4222-4230. | 2.3 | 24 |
| 23 | Endocannabinoid and Prostanoid Crosstalk in Pain. <i>Trends in Molecular Medicine</i> , 2019, 25, 882-896. | 3.5 | 24 |
| 24 | Size Effect on Lipid Nanocapsule-Mediated GLP-1 Secretion from Enteroendocrine L Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 108-115. | 2.3 | 23 |
| 25 | The endogenous bioactive lipid prostaglandin D ₂ glycerol ester reduces murine colitis via DP1 and PPAR β receptors. <i>FASEB Journal</i> , 2018, 32, 5000-5011. | 0.2 | 22 |
| 26 | Colitis Alters Oxysterol Metabolism and is Affected by 4 β -Hydroxycholesterol Administration. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 218-229. | 0.6 | 21 |
| 27 | Bioactive lipids in inflammatory bowel diseases – From pathophysiological alterations to therapeutic opportunities. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158854. | 1.2 | 19 |
| 28 | Lysophosphatidylinositols in inflammation and macrophage activation: Altered levels and anti-inflammatory effects. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1458-1468. | 1.2 | 18 |
| 29 | 25-Hydroxycholesterol metabolism is altered by lung inflammation, and its local administration modulates lung inflammation in mice. <i>FASEB Journal</i> , 2021, 35, e21514. | 0.2 | 18 |
| 30 | Prostaglandin D ₂ -glycerol ester decreases carrageenan-induced inflammation and hyperalgesia in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 609-618. | 1.2 | 17 |
| 31 | The β -glucuronidase domain 6 inhibitor WWL70 decreases endotoxin-induced lung inflammation in mice, potential contribution of 2-arachidonoylglycerol, and lysoglycerophospholipids. <i>FASEB Journal</i> , 2019, 33, 7635-7646. | 0.2 | 17 |
| 32 | Post-operative pain in mice is prolonged by diet-induced obesity and rescued by dietary intervention. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 96-105. | 2.0 | 13 |
| 33 | miRNA profile is altered in a modified EAE mouse model of multiple sclerosis featuring cortical lesions. <i>ELife</i> , 2020, 9, . | 2.8 | 12 |
| 34 | Dereplication and Quantification of Major Compounds of <i>Convolvulus arvensis</i> L. Extracts and Assessment of Their Effect on LPS-Activated J774 Macrophages. <i>Molecules</i> , 2022, 27, 963. | 1.7 | 11 |
| 35 | Interferon β treatment increases endocannabinoid and related N-acylethanolamine levels in T84 human colon carcinoma cells. <i>British Journal of Pharmacology</i> , 2019, 176, 1470-1480. | 2.7 | 9 |
| 36 | Involvement of CYP1B1 in interferon β -induced alterations of epithelial barrier integrity. <i>British Journal of Pharmacology</i> , 2018, 175, 877-890. | 2.7 | 8 |

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|----|---|-----|-----------|
| 37 | Altered mRNA Expression of Genes Involved in Endocannabinoid Signalling in Squamous Cell Carcinoma of the Oral Tongue. <i>Cancer Investigation</i> , 2019, 37, 327-338. | 0.6 | 7 |
| 38 | Role of pannexin-1 in the cellular uptake, release and hydrolysis of anandamide by T84 colon cancer cells. <i>Scientific Reports</i> , 2019, 9, 7622. | 1.6 | 7 |
| 39 | Effects of tumour necrosis factor α upon the metabolism of the endocannabinoid anandamide in prostate cancer cells. <i>PLoS ONE</i> , 2017, 12, e0185011. | 1.1 | 7 |
| 40 | N-Acylethanolamine-Hydrolyzing Acid Amidase Inhibition, but Not Fatty Acid Amide Hydrolase Inhibition, Prevents the Development of Experimental Autoimmune Encephalomyelitis in Mice. <i>Neurotherapeutics</i> , 2021, 18, 1815-1833. | 2.1 | 6 |
| 41 | TLR4 receptor expression and function in F11 dorsal root ganglion α - neuroblastoma hybrid cells. <i>Innate Immunity</i> , 2017, 23, 687-696. | 1.1 | 5 |
| 42 | Effects of <i>R</i> -flurbiprofen and the oxygenated metabolites of endocannabinoids in inflammatory pain mice models. <i>FASEB Journal</i> , 2021, 35, e21411. | 0.2 | 5 |
| 43 | Low mRNA expression and activity of monoacylglycerol lipase in human SH-SY5Y neuroblastoma cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 142, 59-67. | 1.0 | 4 |
| 44 | Effects of orthotopic implantation of rat prostate tumour cells upon components of the N-acylethanolamine and monoacylglycerol signalling systems: an mRNA study. <i>Scientific Reports</i> , 2020, 10, 6314. | 1.6 | 3 |
| 45 | Pharmacological Aspects of Anandamide and 2-Arachidonoylglycerol as Bioactive Lipids. , 2017, , 616-629. | | 1 |
| 46 | Editorial "Special issue of the 7th European workshop on lipid mediators. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 148, 106421. | 1.0 | 0 |
| 47 | Inflammatory Resolution Triggers Mononuclear Phagocyte Infiltration, Which through COX-1/mPGES-1 Maintains Immune Tolerance. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |