

Augustin Amour

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,567
citations

331670

21
h-index

377865

34
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36
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36
docs citations

36
times ranked

2957
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Organ-on-a-chip: current gaps and future directions. <i>Biochemical Society Transactions</i> , 2022, 50, 665-673. | 3.4 | 17 |
| 2 | The 5-Phosphatase SHIP2 Promotes Neutrophil Chemotaxis and Recruitment. <i>Frontiers in Immunology</i> , 2021, 12, 671756. | 4.8 | 4 |
| 3 | Exploring PI3K $\hat{\gamma}$ Molecular Pathways in Stable COPD and Following an Acute Exacerbation, Two Randomized Controlled Trials. <i>International Journal of COPD</i> , 2021, Volume 16, 1621-1636. | 2.3 | 13 |
| 4 | Organ-on-chip applications in drug discovery: an end user perspective. <i>Biochemical Society Transactions</i> , 2021, 49, 1881-1890. | 3.4 | 22 |
| 5 | Discovery of GSK251: A Highly Potent, Highly Selective, Orally Bioavailable Inhibitor of PI3K $\hat{\gamma}$ with a Novel Binding Mode. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13780-13792. | 6.4 | 3 |
| 6 | Converging TLR9 and PI3K γ signaling induces sterile inflammation and organ damage. <i>Scientific Reports</i> , 2019, 9, 19085. | 3.3 | 10 |
| 7 | An investigation of the anti-inflammatory effects and a potential biomarker of PI3K $\hat{\gamma}$ inhibition in COPD T cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 932-940. | 1.9 | 9 |
| 8 | Acute Respiratory Distress Syndrome Neutrophils Have a Distinct Phenotype and Are Resistant to Phosphoinositide 3-Kinase Inhibition. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 961-973. | 5.6 | 125 |
| 9 | Evolution of a Novel, Orally Bioavailable Series of PI3K $\hat{\gamma}$ Inhibitors from an Inhaled Lead for the Treatment of Respiratory Disease. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7239-7251. | 6.4 | 22 |
| 10 | Optimization of Novel Indazoles as Highly Potent and Selective Inhibitors of Phosphoinositide 3-Kinase $\hat{\gamma}$ for the Treatment of Respiratory Disease. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7381-7399. | 6.4 | 118 |
| 11 | Functional capacity of alveolar neutrophils in acute respiratory distress syndrome. <i>Lancet, The</i> , 2014, 383, S64. | 13.7 | 1 |
| 12 | Targeting phosphoinositide 3-kinase $\hat{\gamma}$ for the treatment of respiratory diseases. <i>Annals of the New York Academy of Sciences</i> , 2013, 1280, 35-39. | 3.8 | 60 |
| 13 | Targeting phosphoinositide 3-kinase $\hat{\gamma}$ for allergic asthma. <i>Biochemical Society Transactions</i> , 2012, 40, 240-245. | 3.4 | 42 |
| 14 | Kinetic assay for characterization of spleen tyrosine kinase activity and inhibition with recombinant kinase and crude cell lysates. <i>Analytical Biochemistry</i> , 2009, 384, 56-67. | 2.4 | 13 |
| 15 | TIMP-3 Inhibition of ADAMTS-4 (Aggrecanase-1) Is Modulated by Interactions between Aggrecan and the C-terminal Domain of ADAMTS-4. <i>Journal of Biological Chemistry</i> , 2007, 282, 20991-20998. | 3.4 | 63 |
| 16 | A broad-spectrum fluorescence-based peptide library for the rapid identification of protease substrates. <i>Proteomics</i> , 2006, 6, 2112-2120. | 2.2 | 45 |
| 17 | ADAM28 is overexpressed in human non-small cell lung carcinomas and correlates with cell proliferation and lymph node metastasis. <i>International Journal of Cancer</i> , 2006, 118, 263-273. | 5.1 | 84 |
| 18 | Continuous real-time measurement of tumor necrosis factor- $\hat{\alpha}$ converting enzyme activity on live cells. <i>Laboratory Investigation</i> , 2005, 85, 1440-1448. | 3.7 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Synthesis and evaluation of β -Lactams (Piperazines) as elastase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 387-389. | 2.2 | 30 |
| 20 | Heparan sulfate regulates amyloid precursor protein processing by BACE1, the Alzheimer's β -secretase. <i>Journal of Cell Biology</i> , 2003, 163, 97-107. | 5.2 | 175 |
| 21 | Heparan sulphate binds the aspartic protease β -Secretase and regulates cleavage of APP. <i>Biochemical Society Transactions</i> , 2002, 30, A69-A69. | 3.4 | 0 |
| 22 | Discovery of Further Pyrrolidinetrans-Lactams as Inhibitors of Human Neutrophil Elastase (HNE) with Potential as Development Candidates and the Crystal Structure of HNE Complexed with an Inhibitor (GW475151). <i>Journal of Medicinal Chemistry</i> , 2002, 45, 3878-3890. | 6.4 | 53 |
| 23 | The C-terminal domains of TACE weaken the inhibitory action of N-TIMP-3. <i>FEBS Letters</i> , 2002, 520, 102-106. | 2.8 | 33 |
| 24 | The enzymatic activity of ADAM8 and ADAM9 is not regulated by TIMPs. <i>FEBS Letters</i> , 2002, 524, 154-158. | 2.8 | 128 |
| 25 | Enzyme Accessibility and Solid Supports: Which Molecular Weight Enzymes Can Be Used on Solid Supports? An Investigation Using Confocal Raman Microscopy. <i>Chemistry - A European Journal</i> , 2002, 8, 3769. | 3.3 | 73 |
| 26 | Study of bradykinin metabolism in human and rat plasma by liquid chromatography with inductively coupled plasma mass spectrometry and orthogonal acceleration time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 220-228. | 1.5 | 50 |
| 27 | The discovery of a potent, intracellular, orally bioavailable, long duration inhibitor of human neutrophil elastase—GW311616A a development candidate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 895-898. | 2.2 | 52 |
| 28 | Membrane Type 4 Matrix Metalloproteinase (MMP17) Has Tumor Necrosis Factor- α Convertase Activity but Does Not Activate Pro-MMP2. <i>Journal of Biological Chemistry</i> , 2000, 275, 14046-14055. | 3.4 | 195 |
| 29 | Localization of the Death Domain of Tissue Inhibitor of Metalloproteinase-3 to the N Terminus. <i>Journal of Biological Chemistry</i> , 2000, 275, 41358-41363. | 3.4 | 112 |
| 30 | The in vitro activity of ADAM-10 is inhibited by TIMP-1 and TIMP-3. <i>FEBS Letters</i> , 2000, 473, 275-279. | 2.8 | 351 |
| 31 | Inhibition of the Metalloproteinase Domain of Mouse TACE. <i>Annals of the New York Academy of Sciences</i> , 1999, 878, 728-731. | 3.8 | 13 |
| 32 | Design and Synthesis of Hydrazinopeptides and Their Evaluation as Human Leukocyte Elastase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4833-4843. | 6.4 | 43 |
| 33 | TNF- α converting enzyme (TACE) is inhibited by TIMP-3. <i>FEBS Letters</i> , 1998, 435, 39-44. | 2.8 | 547 |
| 34 | Stereoselective synthesis and inhibitor properties towards human leucocyte elastase of chiral β -peptidyl trifluoromethyl alcohols. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1099-1110. | 1.8 | 21 |
| 35 | Synthesis and protease-catalyzed hydrolysis of a novel hydrazinopeptide. <i>International Journal of Peptide and Protein Research</i> , 1994, 43, 297-304. | 0.1 | 16 |