

# Sophie Ayciriex

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9485783/publications.pdf>

Version: 2024-02-01

23  
papers

783  
citations

687220

13  
h-index

713332

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1368  
citing authors

#	ARTICLE	IF	CITATIONS
1	CYP46A1 inhibition, brain cholesterol accumulation and neurodegeneration pave the way for Alzheimer's disease. <i>Brain</i> , 2015, 138, 2383-2398.	3.7	163
2	Cholesterol 24-hydroxylase defect is implicated in memory impairments associated with Alzheimer-like Tau pathology. <i>Human Molecular Genetics</i> , 2015, 24, 5965-5976.	1.4	96
3	Production of systemically circulating Hedgehog by the intestine couples nutrition to growth and development. <i>Genes and Development</i> , 2014, 28, 2636-2651.	2.7	88
4	Stimulation, Inhibition, or Stabilization of Na,K-ATPase Caused by Specific Lipid Interactions at Distinct Sites. <i>Journal of Biological Chemistry</i> , 2015, 290, 4829-4842.	1.6	58
5	A single run LC-MS/MS method for phospholipidomics. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 203-213.	1.9	52
6	Ceramides and sphingomyelinases in senile plaques. <i>Neurobiology of Disease</i> , 2014, 65, 193-201.	2.1	49
7	<i>PSI1</i> is responsible for the stearic acid enrichment that is characteristic of phosphatidylinositol in yeast. <i>FEBS Journal</i> , 2009, 276, 6412-6424.	2.2	41
8	<i>YPR139c/LOA1</i> encodes a novel lysophosphatidic acid acyltransferase associated with lipid droplets and involved in TAG homeostasis. <i>Molecular Biology of the Cell</i> , 2012, 23, 233-246.	0.9	39
9	In situ isobaric lipid mapping by MALDI-ion mobility separation-mass spectrometry imaging. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4531.	0.7	35
10	Neuronal Cholesterol Accumulation Induced by Cyp46a1 Down-Regulation in Mouse Hippocampus Disrupts Brain Lipid Homeostasis. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 211.	1.4	25
11	Ultra performance liquid chromatography mass spectrometry studies of formalin-induced alterations of human brain lipidome. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1035-1042.	0.7	24
12	Development of a novel method for quantification of sterols and oxysterols by UPLC-ESI-HRMS: application to a neuroinflammation rat model. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 3049-3059.	1.9	21
13	Scout-MRM: Multiplexed Targeted Mass Spectrometry-Based Assay without Retention Time Scheduling Exemplified by <i>Dickeya dadantii</i> Proteomic Analysis during Plant Infection. <i>Analytical Chemistry</i> , 2017, 89, 1421-1426.	3.2	19
14	Shotgun lipidomics and mass spectrometry imaging unveil diversity and dynamics in <i>Gammarus fossarum</i> lipid composition. <i>IScience</i> , 2021, 24, 102115.	1.9	15
15	The lipidome associated with the $\beta$ -secretase complex is required for its integrity and activity. <i>Biochemical Journal</i> , 2016, 473, 321-334.	1.7	12
16	High-multiplexed monitoring of protein biomarkers in the sentinel <i>Gammarus fossarum</i> by targeted scout-MRM assay, a new vision for ecotoxicoproteomics. <i>Journal of Proteomics</i> , 2020, 226, 103901.	1.2	10
17	Neuronal Ablation of CoA Synthase Causes Motor Deficits, Iron Dyshomeostasis, and Mitochondrial Dysfunctions in a CoPAN Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9707.	1.8	9
18	Scout-multiple reaction monitoring: A liquid chromatography tandem mass spectrometry approach for multi-residue pesticide analysis without time scheduling. <i>Journal of Chromatography A</i> , 2020, 1621, 461046.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Time-of-flight secondary ion mass spectrometer: a novel tool for lipid imaging. <i>Clinical Lipidology</i> , 2011, 6, 437-445.	0.4	7
20	Streamlined Development of Targeted Mass Spectrometry-Based Method Combining Scout-MRM and a Web-Based Tool Indexed with Scout Peptides. <i>Proteomics</i> , 2020, 20, 1900254.	1.3	7
21	On-Line Solid Phase Extraction Liquid Chromatography-Mass Spectrometry Method for Multiplexed Proteins Quantitation in an Ecotoxicology Test Specie: <i>Gammarus fossarum</i> . <i>Journal of Applied Bioanalysis</i> , 2018, 4, 81-101.	0.2	3
22	O3-14-03: CHOLESTEROL AND TAU PATHOLOGY: CONSEQUENCES OF AAV-MEDIATED CHOLESTEROL-24-HYDROXYLASE OVEREXPRESSION IN THE THY-TAU22 MOUSE. , 2014, 10, P237-P237.		1
23	Shotgun Lipidomics and Mass Spectrometry Imaging Unveil Diversity and Dynamics in Lipid Composition in <i>Gammarus Fossarum</i>. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0