Nicolas Christinat

List of Publications by Year
in descending order

22	1,383	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	2130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An automated shotgun lipidomics platform for high throughput, comprehensive, and quantitative analysis of blood plasma intact lipids. European Journal of Lipid Science and Technology, 2015, 117, 1540-1549.	1.5	244
2	Multicomponent Assembly of Boronic Acid Based Macrocycles and Cages. Angewandte Chemie - International Edition, 2008, 47, 1848-1852.	13.8	205
3	Synthesis of Molecular Nanostructures by Multicomponent Condensation Reactions in a Ball Mill. Journal of the American Chemical Society, 2009, 131, 3154-3155.	13.7	172
4	Mediumâ€chain fatty acids inhibit mitochondrial metabolism in astrocytes promoting astrocyteâ€neuron lactate and ketone body shuttle systems. FASEB Journal, 2016, 30, 1913-1926.	0.5	119
5	Multicomponent Assembly of Boron-Based Dendritic Nanostructures. Journal of Organic Chemistry, 2007, 72, 2192-2200.	3.2	109
6	A new method for the synthesis of boronate macrocycles. Chemical Communications, 2004, , 1158.	4.1	78
7	Formation of Boronate Ester Polymers with Efficient Intrastrand Chargeâ€Transfer Transitions by Threeâ€Component Reactions. European Journal of Inorganic Chemistry, 2007, 2007, 5177-5181.	2.0	68
8	Nutritional Ketosis Increases NAD+/NADH Ratio in Healthy Human Brain: An in Vivo Study by 31P-MRS. Frontiers in Nutrition, 2018, 5, 62.	3.7	62
9	Boron-based rotaxanes by multicomponent self-assembly. Chemical Communications, 2008, , 3660.	4.1	59
10	Modulation of cerebral ketone metabolism following traumatic brain injury in humans. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 177-186.	4.3	35
11	High-Throughput Quantitative Lipidomics Analysis of Nonesterified Fatty Acids in Human Plasma. Journal of Proteome Research, 2016, 15, 2228-2235.	3.7	31
12	Differential Metabolism of Medium-Chain Fatty Acids in Differentiated Human-Induced Pluripotent Stem Cell-Derived Astrocytes. Frontiers in Physiology, 2019, 10, 657.	2.8	24
13	Comprehensive Lipoprotein Characterization Using Lipidomics Analysis of Human Plasma. Journal of Proteome Research, 2017, 16, 2947-2953.	3.7	23
14	Coordination of GPR40 and Ketogenesis Signaling by Medium Chain Fatty Acids Regulates Beta Cell Function. Nutrients, 2018, 10, 473.	4.1	21
15	High resolution mass spectrometry workflow for the analysis of food contaminants: Application to plant toxins, mycotoxins and phytoestrogens in plant-based ingredients. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 978-996.	2.3	20
16	Discovery and validation of temporal patterns involved in human brain ketometabolism in cerebral microdialysis fluids of traumatic brain injury patients. EBioMedicine, 2019, 44, 607-617.	6.1	17
17	Impact of multi-micronutrient supplementation on lipidemia of children and adolescents. Clinical Nutrition, 2020, 39, 2211-2219.	5.0	8
18	Untargeted Profiling of Bile Acids and Lysophospholipids Identifies the Lipid Signature Associated with Glycemic Outcome in an Obese Non-Diabetic Clinical Cohort. Biomolecules, 2020, 10, 1049.	4.0	8

#	Article	IF	Citations
19	High-Throughput Quantitative Lipidomics Analysis of Nonesterified Fatty Acids in Plasma by LC-MS. Methods in Molecular Biology, 2017, 1619, 183-191.	0.9	5
20	In vitro estrogenic activity of cerealâ€based products: Reliability and relevance considerations. Cereal Chemistry, 2021, 98, 164-174.	2.2	2
21	Limitations of currently available in vitro oestrogenicity bioassays for effect-based testing of whole foods as the basis for decision making. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1817-1839.	2.3	2
22	Exploring Valine Metabolism in Astrocytic and Liver Cells: Lesson from Clinical Observation in TBI Patients for Nutritional Intervention. Biomedicines, 2020, 8, 487.	3.2	1