

Adriana Mika

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,399
citations

361045

20
h-index

377514

34
g-index

75
all docs

75
docs citations

75
times ranked

2236
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in lipids composition and metabolism in colorectal cancer: a review. <i>Lipids in Health and Disease</i> , 2019, 18, 29.	1.2	203
2	Effect of Exercise on Fatty Acid Metabolism and Adipokine Secretion in Adipose Tissue. <i>Frontiers in Physiology</i> , 2019, 10, 26.	1.3	96
3	A comprehensive study of serum odd- and branched-chain fatty acids in patients with excess weight. <i>Obesity</i> , 2016, 24, 1669-1676.	1.5	78
4	Alterations of specific lipid groups in serum of obese humans: a review. <i>Obesity Reviews</i> , 2017, 18, 247-272.	3.1	68
5	Current methods of the analysis of immunosuppressive agents in clinical materials: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 127, 207-231.	1.4	66
6	Hyper-Elongation in Colorectal Cancer Tissue – Cerotic Acid is a Potential Novel Serum Metabolic Marker of Colorectal Malignancies. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 722-730.	1.1	52
7	Identification of Cyclopropaneoctanoic Acid – Hexyl in Human Adipose Tissue and Serum. <i>Lipids</i> , 2013, 48, 839-848.	0.7	45
8	Preferential uptake of polyunsaturated fatty acids by colorectal cancer cells. <i>Scientific Reports</i> , 2020, 10, 1954.	1.6	45
9	Dominant <i>ELOVL1</i> mutation causes neurological disorder with ichthyotic keratoderma, spasticity, hypomyelination and dysmorphic features. <i>Journal of Medical Genetics</i> , 2018, 55, 408-414.	1.5	41
10	Modern Methods of Sample Preparation for the Analysis of Oxylipins in Biological Samples. <i>Molecules</i> , 2019, 24, 1639.	1.7	40
11	The Effect of One Anastomosis Gastric Bypass on Branched-Chain Fatty Acid and Branched-Chain Amino Acid Metabolism in Subjects with Morbid Obesity. <i>Obesity Surgery</i> , 2020, 30, 304-312.	1.1	35
12	Decreased Triacylglycerol Content and Elevated Contents of Cell Membrane Lipids in Colorectal Cancer Tissue: A Lipidomic Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1095.	1.0	35
13	The Role of Fatty Acids in Non-Alcoholic Fatty Liver Disease Progression: An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6900.	1.8	32
14	Methods of the Analysis of Oxylipins in Biological Samples. <i>Molecules</i> , 2020, 25, 349.	1.7	31
15	Evidence That the Length of Bile Loop Determines Serum Bile Acid Concentration and Glycemic Control After Bariatric Surgery. <i>Obesity Surgery</i> , 2018, 28, 3405-3414.	1.1	30
16	The Relationship Between Specific Fatty Acids of Serum Lipids and Serum High Sensitivity C- Reactive Protein Levels in Morbidly Obese Women. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1101-1108.	1.1	29
17	<i>In Vivo</i> Effectiveness of Orlistat in the Suppression of Human Colorectal Cancer Cell Proliferation. <i>Anticancer Research</i> , 2019, 39, 3815-3822.	0.5	29
18	The effect of western diet on mice brain lipid composition. <i>Nutrition and Metabolism</i> , 2019, 16, 81.	1.3	24

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19	Inhibitors of Fatty Acid Synthesis and Oxidation as Potential Anticancer Agents in Colorectal Cancer Treatment. <i>Anticancer Research</i> , 2020, 40, 4843-4856.	0.5	24
20	Increased Serum Level of Cyclopropaneoctanoic Acid 2-Hexyl in Patients with Hypertriglyceridemia-Related Disorders. <i>Lipids</i> , 2016, 51, 867-873.	0.7	21
21	Increased expression of the gene encoding stearyl-CoA desaturase 1 in human bladder cancer. <i>Molecular and Cellular Biochemistry</i> , 2018, 447, 217-224.	1.4	21
22	Visceral and subcutaneous adipose tissue stearyl-CoA desaturase-1 mRNA levels and fatty acid desaturation index positively correlate with BMI in morbidly obese women. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 926-932.	1.0	20
23	Disorders of serum omega-3 fatty acid composition in dialyzed patients, and their associations with fat mass. <i>Renal Failure</i> , 2017, 39, 406-412.	0.8	20
24	The Effect of a High-Fat Diet on the Fatty Acid Composition in the Hearts of Mice. <i>Nutrients</i> , 2020, 12, 824.	1.7	18
25	Lipids of adult brown shrimp, <i>Crangon crangon</i> : seasonal variations in fatty acids class composition. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 993-1000.	0.4	17
26	Potential Application of 1H NMR for Routine Serum Lipidome Analysis – Evaluation of Effects of Bariatric Surgery. <i>Scientific Reports</i> , 2017, 7, 15530.	1.6	17
27	Alterations of Fatty Acid Profile May Contribute to Dyslipidemia in Chronic Kidney Disease by Influencing Hepatocyte Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2470.	1.8	16
28	Potential contribution of monounsaturated fatty acids to cardiovascular risk in chronic kidney disease. <i>Polish Archives of Internal Medicine</i> , 2018, 128, 755-763.	0.3	16
29	Current Progress of Lipid Analysis in Metabolic Diseases by Mass Spectrometry Methods. <i>Current Medicinal Chemistry</i> , 2019, 26, 60-103.	1.2	16
30	Branched-Chain Fatty Acids Alter the Expression of Genes Responsible for Lipid Synthesis and Inflammation in Human Adipose Cells. <i>Nutrients</i> , 2022, 14, 2310.	1.7	16
31	Application of nuclear magnetic resonance spectroscopy for the detection of metabolic disorders in patients with moderate kidney insufficiency. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 1-8.	1.4	14
32	Alterations in complex lipids in tumor tissue of patients with colorectal cancer. <i>Lipids in Health and Disease</i> , 2021, 20, 85.	1.2	14
33	Identification of lipids in the cuticle of the parasitic nematode <i>Anisakis simplex</i> and the somatic tissues of the Atlantic cod <i>Gadus morhua</i> . <i>Experimental Parasitology</i> , 2010, 124, 334-340.	0.5	13
34	Sample Preparation Methods for Lipidomics Approaches Used in Studies of Obesity. <i>Molecules</i> , 2020, 25, 5307.	1.7	11
35	Short-Term Effect of One-Anastomosis Gastric Bypass on Essential Fatty Acids in the Serum of Obese Patients. <i>Nutrients</i> , 2020, 12, 187.	1.7	11
36	Composition of fatty acids and sterols composition in brown shrimp <i>Crangon crangon</i> and herring <i>Clupea harengus</i> membras from the Baltic Sea. <i>Oceanological and Hydrobiological Studies</i> , 2012, 41, 57-64.	0.3	9

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37	Polar and neutral lipid composition and fatty acids profile in selected fish meals depending on raw material and grade of products. <i>LWT - Food Science and Technology</i> , 2016, 70, 199-207.	2.5	9
38	The Effects of One-Anastomosis Gastric Bypass on Fatty Acids in the Serum of Patients with Morbid Obesity. <i>Obesity Surgery</i> , 2021, 31, 4264-4271.	1.1	9
39	Alterations of Ultra Long-Chain Fatty Acids in Hereditary Skin Diseases—Review Article. <i>Frontiers in Medicine</i> , 2021, 8, 730855.	1.2	9
40	Multiplatform metabolomics provides insight into the molecular basis of chronic kidney disease. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1117, 49-57.	1.2	8
41	Rearrangements of Blood and Tissue Fatty Acid Profile in Colorectal Cancer - Molecular Mechanism and Diagnostic Potential. <i>Frontiers in Oncology</i> , 2021, 11, 689701.	1.3	8
42	The impact of the interplay of the intestinal microbiome and diet on the metabolomic and health outcomes of bariatric surgery. <i>Obesity Reviews</i> , 2022, 23, e13455.	3.1	8
43	The Use of Different MS Techniques to Determine Glutathione Levels in Marine Tissues. <i>Food Analytical Methods</i> , 2013, 6, 789-802.	1.3	7
44	One-anastomosis gastric bypass modulates the serum levels of pro- and anti-inflammatory oxylipins, which may contribute to the resolution of inflammation. <i>International Journal of Obesity</i> , 2022, 46, 408-416.	1.6	7
45	One Anastomosis Gastric Bypass Reconstitutes the Appropriate Profile of Serum Amino Acids in Patients with Morbid Obesity. <i>Journal of Clinical Medicine</i> , 2020, 9, 100.	1.0	6
46	Lipid Alterations in Systemic Sclerosis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 761721.	1.6	6
47	Cyclopropaneoctanoic Acid 2-Hexyl Upregulates the Expression of Genes Responsible for Lipid Synthesis and Release in Human Hepatic HepG2 Cells. <i>Lipids</i> , 2018, 53, 345-351.	0.7	5
48	Impact of plant domestication on selected nutrient and anti-nutrient compounds in Solanaceae with edible leaves (<i>Solanum</i> spp.). <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 89-103.	0.8	5
49	Suitability of selected chromatographic columns for analysis of fatty acids in dialyzed patients. <i>Biomedical Chromatography</i> , 2017, 31, e4006.	0.8	4
50	Increased Expression of the Leptin Gene in Adipose Tissue of Patients with Chronic Kidney Disease—The Possible Role of an Abnormal Serum Fatty Acid Profile. <i>Metabolites</i> , 2020, 10, 98.	1.3	4
51	Analysis of Serum Fatty Acids Profile in Kidney Transplant Recipients. <i>Nutrients</i> , 2021, 13, 805.	1.7	4
52	Serum free fatty acid levels and insulin resistance in patients undergoing one-anastomosis gastric bypass. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2022, 17, 194-198.	0.3	4
53	Effect of seasonal and experimental temperature on <i>de novo</i> synthesis of fatty acids in <i>C. crangon</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 1529-1536.	0.6	3
54	Disorders of Serum Polyunsaturated Fatty Acids in Renal Transplant Patients. <i>Transplantation Proceedings</i> , 2020, 52, 2324-2330.	0.3	3

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55	One Anastomosis Gastric Bypass in the Treatment of Obesity: Effects on Body Weight and the Metabolome. , 2020, , 777-790.		2
56	Enhanced Muscle Strength in Dyslipidemic Mice and Its Relation to Increased Capacity for Fatty Acid Oxidation. International Journal of Molecular Sciences, 2021, 22, 12251.	1.8	2
57	Serum n-3 Polyunsaturated Fatty Acids and C-Reactive Protein Concentrations Are Inversely Associated in Patients With Alcoholic Chronic Pancreatitis. Pancreas, 2022, 51, e67-e69.	0.5	2
58	Unusual increase of Scd1 and Elovl6 expression in rat inguinal adipose tissue. Open Life Sciences, 2012, 7, 192-200.	0.6	1
59	The lipid composition of the abdominal muscle of shrimp Crangon crangon from the Gulf of Gdansk in spring and winter periods. Journal of the Marine Biological Association of the United Kingdom, 2013, 93, 1825-1833.	0.4	1
60	Exercise and Conjugated Linoleic Acid Supplementation Induce Changes in the Composition of Liver Fatty Acids. Frontiers in Physiology, 2019, 10, 602.	1.3	1
61	Increased expression of stearoyl-CoA desaturase (SCD1) in the adipose tissue contributes to serum content of monounsaturated fatty acids (MUFA) in patients with chronic kidney disease. Polish Archives of Internal Medicine, 2019, 129, 641-644.	0.3	1
62	Bariatric Surgery Induced Changes in Blood Cholesterol Are Modulated by Vitamin D Status. Nutrients, 2022, 14, 2000.	1.7	1
63	Identification of Lipid Components in the Abdominal Muscle of Fall-Caught Crangon crangon from a Coastal Area of the Baltic Sea. Journal of the Brazilian Chemical Society, 2013, , .	0.6	0
64	MP548 DISORDERS OF SERUM OMEGA 3 FATTY ACID COMPOSITION IN DIALYSIS PATIENTS, AND THEIR ASSOCIATIONS WITH FAT MASS. Nephrology Dialysis Transplantation, 2016, 31, i522-i522.	0.4	0
65	SP297 ACTIVITY OF STEAROYL-CoA DESATURASE IN ADIPOSE TISSUE CONTRIBUTES TO INCREASED SERUM CONTENT OF MONOUNSATURATED FATTY ACIDS IN PATIENTS WITH CHRONIC KIDNEY DISEASE. Nephrology Dialysis Transplantation, 2019, 34, .	0.4	0
66	Oxylipins associated with colorectal cancer. , 0, , .		0
67	Increased adiponectin gene expression in adipose tissue may be related to an abnormal serum fatty acid profile in patients with chronic kidney disease. Polish Archives of Internal Medicine, 2020, 130, 1013-1016.	0.3	0
68	Analysis of serum fatty acids profile in kidney transplant recipients. Clinical Nutrition ESPEN, 2021, 46, S631.	0.5	0
69	The Impact of Kidney Transplantation on the Serum Fatty Acid Profile in Patients with End-Stage Kidney Disease. Nutrients, 2022, 14, 772.	1.7	0
70	Changes in the Serum Fatty Acid Profile After Anhepatic Phase of Orthotopic Liver Transplantation Procedure. Frontiers in Physiology, 2022, 13, 817987.	1.3	0
71	Lipidomics in Morbid Obesity. , 2022, , 167-187.		0