

Adriana Mika

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

797

citations

15

h-index

26

g-index

75

ext. papers

1,132

ext. citations

3.9

avg, IF

4.72

L-index

#	Paper	IF	Citations
63	Changes in lipids composition and metabolism in colorectal cancer: a review. <i>Lipids in Health and Disease</i> , 2019 , 18, 29	4.4	101
62	Current methods of the analysis of immunosuppressive agents in clinical materials: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 127, 207-31	3.5	52
61	Effect of Exercise on Fatty Acid Metabolism and Adipokine Secretion in Adipose Tissue. <i>Frontiers in Physiology</i> , 2019 , 10, 26	4.6	49
60	Alterations of specific lipid groups in serum of obese humans: a review. <i>Obesity Reviews</i> , 2017 , 18, 247-270	3.6	48
59	A comprehensive study of serum odd- and branched-chain fatty acids in patients with excess weight. <i>Obesity</i> , 2016 , 24, 1669-76	8	44
58	Identification of cyclopropaneoctanoic acid 2-hexyl in human adipose tissue and serum. <i>Lipids</i> , 2013 , 48, 839-48	1.6	40
57	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	3.9	33
56	Dominant mutation causes neurological disorder with ichthyotic keratoderma, spasticity, hypomyelination and dysmorphic features. <i>Journal of Medical Genetics</i> , 2018 , 55, 408-414	5.8	29
55	Modern Methods of Sample Preparation for the Analysis of Oxylipins in Biological Samples. <i>Molecules</i> , 2019 , 24,	4.8	25
54	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, 1101-8	3.9	24
53	Effectiveness of Orlistat in the Suppression of Human Colorectal Cancer Cell Proliferation. <i>Anticancer Research</i> , 2019 , 39, 3815-3822	2.3	23
52	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	3.7	20
51	Preferential uptake of polyunsaturated fatty acids by colorectal cancer cells. <i>Scientific Reports</i> , 2020 , 10, 1954	4.9	19
50	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	3.7	19
49	Visceral and subcutaneous adipose tissue stearoyl-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	3	16
48	Increased Serum Level of Cyclopropaneoctanoic Acid 2-Hexyl in Patients with Hypertriglyceridemia-Related Disorders. <i>Lipids</i> , 2016 , 51, 867-73	1.6	15
47	Increased expression of the gene encoding stearoyl-CoA desaturase 1 in human bladder cancer. <i>Molecular and Cellular Biochemistry</i> , 2018 , 447, 217-224	4.2	14

46	The effect of western diet on mice brain lipid composition. <i>Nutrition and Metabolism</i> , 2019 , 16, 81	4.6	14
45	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	2.9	13
44	Lipids of adult brown shrimp, Crangon crangon: seasonal variations in fatty acids class composition. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014 , 94, 993-1000	1.1	12
43	Current Progress of Lipid Analysis in Metabolic Diseases by Mass Spectrometry Methods. <i>Current Medicinal Chemistry</i> , 2019 , 26, 60-103	4.3	12
42	Methods of the Analysis of Oxylipins in Biological Samples. <i>Molecules</i> , 2020 , 25,	4.8	11
41	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,	5.1	11
40	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,	6.3	10
39	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, 334-40	2.1	10
38	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	5.4	9
37	Composition of fatty acids and sterols composition in brown shrimp Crangon crangon and herring <i>Clupea harengus</i> membras from the Baltic Sea. <i>Oceanological and Hydrobiological Studies</i> , 2012 , 41, 57-64	0.8	9
36	Potential Application of H NMR for Routine Serum Lipidome Analysis -Evaluation of Effects of Bariatric Surgery. <i>Scientific Reports</i> , 2017 , 7, 15530	4.9	9
35	Potential contribution of monounsaturated fatty acids to cardiovascular risk in chronic kidney disease. <i>Polish Archives of Internal Medicine</i> , 2018 , 128, 755-763	1.9	9
34	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	3.5	9
33	The Role of Fatty Acids in Non-Alcoholic Fatty Liver Disease Progression: An Update. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
32	The Effect of a High-Fat Diet on the Fatty Acid Composition in the Hearts of Mice. <i>Nutrients</i> , 2020 , 12,	6.7	8
31	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	3.2	7
30	Inhibitors of Fatty Acid Synthesis and Oxidation as Potential Anticancer Agents in Colorectal Cancer Treatment. <i>Anticancer Research</i> , 2020 , 40, 4843-4856	2.3	6
29	Short-Term Effect of One-Anastomosis Gastric Bypass on Essential Fatty Acids in the Serum of Obese Patients. <i>Nutrients</i> , 2020 , 12,	6.7	5

28	The Use of Different MS Techniques to Determine Glutathione Levels in Marine Tissues. <i>Food Analytical Methods</i> , 2013 , 6, 789-802	3.4	5
27	Sample Preparation Methods for Lipidomics Approaches Used in Studies of Obesity. <i>Molecules</i> , 2020 , 25,	4.8	5
26	Rearrangements of Blood and Tissue Fatty Acid Profile in Colorectal Cancer - Molecular Mechanism and Diagnostic Potential. <i>Frontiers in Oncology</i> , 2021 , 11, 689701	5.3	5
25	Alterations in complex lipids in tumor tissue of patients with colorectal cancer. <i>Lipids in Health and Disease</i> , 2021 , 20, 85	4.4	5
24	Suitability of selected chromatographic columns for analysis of fatty acids in dialyzed patients. <i>Biomedical Chromatography</i> , 2017 , 31, e4006	1.7	4
23	Cyclopropanoic 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	1.6	4
22	Effect of cadmium and glutathione on malic enzyme activity in brown shrimps (<i>Crangon crangon</i>) from the Gulf of Gdansk**This study was supported by the Polish Ministry of Science and Higher Education within the framework of project No. 538-L102-0787-1.. <i>Oceanologia</i> , 2011 , 53, 793-805	2.2	4
21	One Anastomosis Gastric Bypass Reconstitutes the Appropriate Profile of Serum Amino Acids in Patients with Morbid Obesity. <i>Journal of Clinical Medicine</i> , 2019 , 9,	5.1	4
20	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	2	4
19	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,	5.6	2
18	Effect of seasonal and experimental temperature on de novo synthesis of fatty acids in <i>C. crangon</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2014 , 78, 1529-36	2.1	2
17	Alterations of Ultra Long-Chain Fatty Acids in Hereditary Skin Diseases-Review Article. <i>Frontiers in Medicine</i> , 2021 , 8, 730855	4.9	2
16	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	6.7	2
15	Disorders of Serum Polyunsaturated Fatty Acids in Renal Transplant Patients. <i>Transplantation Proceedings</i> , 2020 , 52, 2324-2330	1.1	1
14	The lipid composition of the abdominal muscle of shrimp <i>Crangon crangon</i> from the Gulf of Gdansk in spring and winter periods. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013 , 93, 1825-1833	1.1	1
13	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 , e13455	10.6	1
12	Lipid Alterations in Systemic Sclerosis.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 761721	5.6	1
11	Exercise and Conjugated Linoleic Acid Supplementation Induce Changes in the Composition of Liver Fatty Acids. <i>Frontiers in Physiology</i> , 2019 , 10, 602	4.6	0

10	Unusual increase of Scd1 and Elovl6 expression in rat inguinal adipose tissue. <i>Open Life Sciences</i> , 2012 , 7, 192-200	1.2	○
9	One Anastomosis Gastric Bypass in the Treatment of Obesity: Effects on Body Weight and the Metabolome 2020 , 777-790		○
8	Contribution of increased expression of stearyl-CoA desaturase-1 in adipose tissue to serum content of monounsaturated fatty acids in patients with chronic kidney disease. <i>Polish Archives of Internal Medicine</i> , 2019 , 129, 641-644	1.9	○
7	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	3.7	○
6	MP548DISORDERS OF SERUM OMEGA 3 FATTY ACID COMPOSITION IN DIALYSIS PATIENTS, AND THEIR ASSOCIATIONS WITH FAT MASS. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, i522-i522	4.3	
5	Lipidomics in Morbid Obesity 2022 , 1-21		
4	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	1.4	
3	Changes in the Serum Fatty Acid Profile After Anhepatic Phase of Orthotopic Liver Transplantation Procedure.. <i>Frontiers in Physiology</i> , 2022 , 13, 817987	4.6	
2	Bariatric Surgery Induced Changes in Blood Cholesterol Are Modulated by Vitamin D Status. <i>Nutrients</i> , 2022 , 14, 2000	6.7	
1	Lipidomics in Morbid Obesity 2022 , 167-187		