

Tomasz Sledzinski

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.

88

papers

1,266

citations

19

h-index

30

g-index

97

ext. papers

1,721

ext. citations

4

avg, IF

5.03

L-index

#	Paper	IF	Citations
88	Role of abnormal lipid metabolism in development, progression, diagnosis and therapy of pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2014 , 20, 2279-303	5.6	119
87	Changes in lipids composition and metabolism in colorectal cancer: a review. <i>Lipids in Health and Disease</i> , 2019 , 18, 29	4.4	101
86	Improved glucose metabolism following bariatric surgery is associated with increased circulating bile acid concentrations and remodeling of the gut microbiome. <i>World Journal of Gastroenterology</i> , 2016 , 22, 8698-8719	5.6	65
85	Effect of Exercise on Fatty Acid Metabolism and Adipokine Secretion in Adipose Tissue. <i>Frontiers in Physiology</i> , 2019 , 10, 26	4.6	49
84	Alterations of specific lipid groups in serum of obese humans: a review. <i>Obesity Reviews</i> , 2017 , 18, 247-270.6	4.8	48
83	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
82	Identification of cyclopropaneoctanoic acid 2-hexyl in human adipose tissue and serum. <i>Lipids</i> , 2013 , 48, 839-48	1.6	40
81	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
80	Increased serum nitric oxide concentration after bariatric surgery--a potential mechanism for cardiovascular benefit. <i>Obesity Surgery</i> , 2010 , 20, 204-10	3.7	30
79	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
78	Serum phenylalanine concentration as a marker of liver function in obese patients before and after bariatric surgery. <i>Obesity Surgery</i> , 2009 , 19, 883-9	3.7	28
77	Decrease in serum protein carbonyl groups concentration and maintained hyperhomocysteinemia in patients undergoing bariatric surgery. <i>Obesity Surgery</i> , 2009 , 19, 321-6	3.7	28
76	Modern Methods of Sample Preparation for the Analysis of Oxylipins in Biological Samples. <i>Molecules</i> , 2019 , 24,	4.8	25
75	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
74	Increased serum chemerin concentration in patients with chronic pancreatitis. <i>Digestive and Liver Disease</i> , 2012 , 44, 393-7	3.3	24
73	Effectiveness of Orlistat in the Suppression of Human Colorectal Cancer Cell Proliferation. <i>Anticancer Research</i> , 2019 , 39, 3815-3822	2.3	23
72	Biological Role of Unsaturated Fatty Acid Desaturases in Health and Disease. <i>Nutrients</i> , 2020 , 12,	6.7	21

71	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
70	A Comparative Study on the Phenolic Composition and Biological Activities of L. Commercial Samples. <i>Molecules</i> , 2019 , 24,	4.8	19
69	Preferential uptake of polyunsaturated fatty acids by colorectal cancer cells. <i>Scientific Reports</i> , 2020 , 10, 1954	4.9	19
68	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
67	Association between cytosolic glycerol 3-phosphate dehydrogenase gene expression in human subcutaneous adipose tissue and BMI. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 300-9	3.9	18
66	Decrease of serum chemerin concentration in patients with end stage renal disease after successful kidney transplantation. <i>Regulatory Peptides</i> , 2012 , 173, 55-9		16
65	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
64	Increased Serum Level of Cyclopropaneoctanoic Acid 2-Hexyl in Patients with Hypertriglyceridemia-Related Disorders. <i>Lipids</i> , 2016 , 51, 867-73	1.6	15
63	The increase of serum chemerin concentration is mainly associated with the increase of body mass index in obese, non-diabetic subjects. <i>Journal of Endocrinological Investigation</i> , 2013 , 36, 428-34	5.2	15
62	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
61	Chemerin gene expression is regulated by food restriction and food restriction-refeeding in rat adipose tissue but not in liver. <i>Regulatory Peptides</i> , 2013 , 181, 22-9		14
60	The effect of western diet on mice brain lipid composition. <i>Nutrition and Metabolism</i> , 2019 , 16, 81	4.6	14
59	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
58	Inhibitors of Protein Tyrosine Phosphatase PTP1B With Anticancer Potential. <i>Anticancer Research</i> , 2019 , 39, 3379-3384	2.3	13
57	Increased serum resistin concentration in patients with chronic pancreatitis: possible cause of pancreatic fibrosis. <i>Journal of Clinical Gastroenterology</i> , 2009 , 43, 63-8	3	12
56	Current Progress of Lipid Analysis in Metabolic Diseases by Mass Spectrometry Methods. <i>Current Medicinal Chemistry</i> , 2019 , 26, 60-103	4.3	12
55	Orlistat Reduces Proliferation and Enhances Apoptosis in Human Pancreatic Cancer Cells (PANC-1). <i>Anticancer Research</i> , 2017 , 37, 6321-6327	2.3	12
54	Serum chemerin in children with excess body weight may be associated with ongoing metabolic complications - A pilot study. <i>Advances in Medical Sciences</i> , 2017 , 62, 383-386	2.8	11

53	Methods of the Analysis of Oxylipins in Biological Samples. <i>Molecules</i> , 2020 , 25,	4.8	11
52	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
51	Acyl-Coenzyme A: Cholesterol Acyltransferase Inhibition in Cancer Treatment. <i>Anticancer Research</i> , 2019 , 39, 3385-3394	2.3	11
50	Coordinated increase in serum platelet-derived growth factor-BB and transforming growth factor- β in patients with chronic pancreatitis. <i>Pancreatology</i> , 2011 , 11, 434-40	3.8	11
49	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
48	Hepatocyte nuclear factors as possible C-reactive protein transcriptional inducer in the liver and white adipose tissue of rats with experimental chronic renal failure. <i>Molecular and Cellular Biochemistry</i> , 2018 , 446, 11-23	4.2	10
47	The Pathophysiological Role of CoA. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
46	Potential Application of ¹ H NMR for Routine Serum Lipidome Analysis -Evaluation of Effects of Bariatric Surgery. <i>Scientific Reports</i> , 2017 , 7, 15530	4.9	9
45	Tissue specific, sex and age--related differences in the 6-phosphogluconate dehydrogenase gene expression. <i>International Journal of Biochemistry and Cell Biology</i> , 2003 , 35, 235-45	5.6	9
44	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
43	Decreased serum essential and aromatic amino acids in patients with chronic pancreatitis. <i>World Journal of Gastroenterology</i> , 2010 , 16, 4422-7	5.6	9
42	Metallothioneins 1 and 2, but not 3, are regulated by nutritional status in rat white adipose tissue. <i>Genes and Nutrition</i> , 2016 , 11, 18	4.3	9
41	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
40	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
39	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
38	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
37	Serum cystatin C in relation to fat mass loss after bariatric surgery. <i>Polski Przegląd Chirurgiczny</i> , 2012 , 84, 202-7	0.6	7
36	Surgical removal of perirenal and epididymal adipose tissue decreases serum leptin concentration and increases lipogenic enzyme activities in remnant adipose tissue of old rats. <i>Gerontology</i> , 2009 , 55, 224-8	5.5	7

35	The Role of Adipokines and Gastrointestinal Tract Hormones in Obesity 2012 , 53-79		7
34	White Adipose Tissue Depot-Specific Activity of Lipogenic Enzymes in Response to Fasting and Refeeding in Young and Old Rats. <i>Gerontology</i> , 2015 , 61, 448-55	5.5	6
33	Decreased serum platelet derived growth factor BB levels in acute and increased in chronic pancreatitis. <i>World Journal of Gastroenterology</i> , 2014 , 20, 13127-32	5.6	6
32	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
31	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
30	Sample Preparation Methods for Lipidomics Approaches Used in Studies of Obesity. <i>Molecules</i> , 2020 , 25,	4.8	5
29	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
28	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
27	Suitability of selected chromatographic columns for analysis of fatty acids in dialyzed patients. <i>Biomedical Chromatography</i> , 2017 , 31, e4006	1.7	4
26	Up-regulation of orexigenic and down-regulation of anorexigenic neuropeptide gene expression in rat hypothalamus after partial lipectomy. <i>Journal of Applied Biomedicine</i> , 2015 , 13, 105-112	0.6	4
25	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	1.6	4
24	Down-regulation of Zac1 gene expression in rat white adipose tissue by androgens. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 140, 63-70	5.1	4
23	Up-Regulation Mttp and Apob Gene Expression in Rat Liver is Related to Post-Lipectomy Hypertriglyceridemia. <i>Cellular Physiology and Biochemistry</i> , 2015 , 36, 1767-77	3.9	4
22	Decreased serum betaine concentrations in patients after bariatric surgery. <i>Obesity Surgery</i> , 2011 , 21, 1634-9	3.7	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	Upregulation of Pnpla2 and Abhd5 and downregulation of G0s2 gene expression in mesenteric white adipose tissue as a potential reason for elevated concentration of circulating NEFA after removal of retroperitoneal, epididymal, and inguinal adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2011 , 322, 21-30	4.2	4
19	Up-regulation of PCSK9 gene expression and diminished level of LDL-receptor in rat liver as a potential cause of post-lipectomy hypercholesterolemia. <i>Molecular and Cellular Biochemistry</i> , 2019 , 455, 207-217	4.2	3
18	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

17	The Causes and Potential Injurious Effects of Elevated Serum Leptin Levels in Chronic Kidney Disease Patients. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
16	Higher 11-beta-hydroxysteroid dehydrogenase type I gene expression in white adipose tissue in male than female rats. <i>Endokrynologia Polska</i> , 2011 , 62, 331-4	1.1	2
15	Increased protein degradation as well as lactate and malate dehydrogenase activity in sterile and infected walled-off pancreatic necrosis 2016 , 126, 102-5		2
14	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
13	Disorders of Serum Polyunsaturated Fatty Acids in Renal Transplant Patients. <i>Transplantation Proceedings</i> , 2020 , 52, 2324-2330	1.1	1
12	Gender- and age-related changes in 6-phosphogluconate dehydrogenase gene expression in white adipose tissue of rats (<i>Rattus norvegicus</i>) are not related to serum testosterone concentration. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006 , 144, 70-6	2.3	1
11	Decreased serum level of nitric oxide in children with excessive body weight. <i>Advances in Clinical and Experimental Medicine</i> , 2019 , 28, 439-446	1.8	1
10	Serum chemerin level, cytokine profile and nutritional status in children with cystic fibrosis. <i>Acta Biochimica Polonica</i> , 2019 , 66, 445-449	2	1
9	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
8	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
7	One Anastomosis Gastric Bypass in the Treatment of Obesity: Effects on Body Weight and the Metabolome 2020 , 777-790		0
6	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	0
5	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	
4	Chronic food restriction up-regulates 11-hydroxysteroid dehydrogenase. <i>Open Life Sciences</i> , 2011 , 6, 312-319	1.2	
3	High levels of reactive oxygen species in pancreatic necrotic fluid of patients with walled-off pancreatic necrosis. <i>Przegląd Gastroenterologiczny</i> , 2021 , 16, 56-61	6	
2	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	
1	Bariatric Surgery Induced Changes in Blood Cholesterol Are Modulated by Vitamin D Status. <i>Nutrients</i> , 2022 , 14, 2000	6.7	