Marek Vecka

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3960916/publications.pdf

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46	1,043	516561	414303
papers	citations	16 h-index	32 g-index

46	46	46	1637
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Omega-3 PUFA of marine origin limit diet-induced obesity in mice by reducing cellularity of adipose tissue. Lipids, 2004, 39, 1177-1185.	0.7	268
2	Xanthomas: Clinical and pathophysiological relations. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2014, 158, 181-188.	0.2	121
3	Omega-3 phospholipids from fish suppress hepatic steatosis by integrated inhibition of biosynthetic pathways in dietary obese mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 267-278.	1.2	69
4	Analysis of fatty acids in plasma lipoproteins by gas chromatographyâ€“flame ionization detection. Analytica Chimica Acta, 2002, 465, 337-350.	2.6	66
5	N-3 fatty acid supplementation decreases plasma homocysteine in diabetic dyslipidemia treated with statinâ€“fibrate combination. Journal of Nutritional Biochemistry, 2006, 17, 379-384.	1.9	55
6	Plasma Fatty Acid Composition in Patients with Pancreatic Cancer: Correlations to Clinical Parameters. Nutrition and Cancer, 2012, 64, 946-955.	0.9	43
7	Leptin and adiponectin in pancreatic cancer: connection with diabetes mellitus. Neoplasma, 2011, 58, 58-64.	0.7	30
8	Severity of Metabolic Syndrome Unfavorably Influences Oxidative Stress and Fatty Acid Metabolism in Men. Tohoku Journal of Experimental Medicine, 2007, 212, 359-371.	0.5	27
9	Niacin in the Treatment of Hyperlipidemias in Light of New Clinical Trials: Has Niacin Lost its Place?. Medical Science Monitor, 2015, 21, 2156-2162.	0.5	24
10	Comprehensive sterol and fatty acid analysis in nineteen nuts, seeds, and kernel. SN Applied Sciences, 2019, 1, 1.	1.5	23
11	Osteopontin as a discriminating marker for pancreatic cancer and chronic pancreatitis. Cancer Biomarkers, 2016, 17, 55-65.	0.8	21
12	Pleiotropic effects of niacin: Current possibilities for its clinical use. Acta Pharmaceutica, 2016, 66, 449-469.	0.9	21
13	CD36 overexpression predisposes to arrhythmias but reduces infarct size in spontaneously hypertensive rats: gene expression profile analysis. Physiological Genomics, 2012, 44, 173-182.	1.0	19
14	The influence of polymorphism of â^'493G/T MTP gene promoter and metabolic syndrome on lipids, fatty acids and oxidative stress. Journal of Nutritional Biochemistry, 2008, 19, 634-641.	1.9	18
15	Anti-arrhythmic Cardiac Phenotype Elicited by Chronic Intermittent Hypoxia Is Associated With Alterations in Connexin-43 Expression, Phosphorylation, and Distribution. Frontiers in Endocrinology, 2018, 9, 789.	1.5	18
16	In Vivo Bioavailability of Selenium in Selenium-Enriched Streptococcus thermophilus and Enterococcus faecium in CD IGS Rats. Antioxidants, 2021, 10, 463.	2.2	18
17	Fatty Acid CoA Ligase-4 Gene Polymorphism Influences Fatty Acid Metabolism in Metabolic Syndrome, but not in Depression. Tohoku Journal of Experimental Medicine, 2009, 217, 287-293.	0.5	17
18	Comparison of simple extraction procedures in liquid chromatographyâ¿¿mass spectrometry based determination of serum 7Î±-hydroxy-4-cholesten-3-one, a surrogate marker of bile acid synthesis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 317-320.	1.2	17

#	Article	IF	Citations
19	Plasma Phospholipid Fatty Acid Profile is Altered in Both Septic and Nonâ€Septic Critically Ill: A Correlation with Inflammatory Markers and Albumin. Lipids, 2017, 52, 245-254.	0.7	17
20	Polymorphism -23HPhI in the promoter of insulin gene and pancreatic cancer: A pilot study. Neoplasma, 2009, 56, 26-32.	0.7	16
21	Hypolipidemic Drugs Can Change the Composition of Rat Brain Lipids. Tohoku Journal of Experimental Medicine, 2004, 204, 299-308.	0.5	15
22	Higher Content of 18:1 Trans Fatty Acids in Subcutaneous Fat of Persons with Coronarographically Documented Atherosclerosis of the Coronary Arteries. Annals of Nutrition and Metabolism, 2003, 47, 302-305.	1.0	12
23	Chronic pancreatitis and the composition of plasma phosphatidylcholine fatty acids. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 108, 38-44.	1.0	11
24	The Effects of Bilirubin and Lumirubin on Metabolic and Oxidative Stress Markers. Frontiers in Pharmacology, 2021, 12, 567001.	1.6	11
25	A novel accurate LC-MS/MS method for quantitative determination of Z-lumirubin. Scientific Reports, 2020, 10, 4411.	1.6	10
26	Minor lipids profiling in subcutaneous and epicardial fat tissue using LC/MS with an optimized preanalytical phase. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1113, 50-59.	1.2	9
27	Plasma Phosphatidylcholines Fatty Acids in Men with Squamous Cell Esophageal Cancer: Chemoradiotherapy Improves Abnormal Profile. Medical Science Monitor, 2016, 22, 4092-4099.	0.5	8
28	Lipid Profiling in Epicardial and Subcutaneous Adipose Tissue of Patients with Coronary Artery Disease. Journal of Proteome Research, 2020, 19, 3993-4003.	1.8	7
29	Effect of column and software on gas chromatographic determination of fatty acids. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 770, 91-99.	1.2	6
30	Comparison of Long-Term Stability of Parenteral All-in-One Admixtures Containing New Lipid Emulsions Prepared Under Hospital Pharmacy Conditions. Medicina (Lithuania), 2011, 47, 46.	0.8	6
31	NMR- and MS-Based Untargeted Metabolomic Study of Stool and Serum Samples from Patients with Anorexia Nervosa. Journal of Proteome Research, 2022, 21, 778-787.	1.8	6
32	Dyslipidemia in patients with chronic kidney disease: etiology and management. Vnitrni Lekarstvi, 2020, 66, 275-281.	0.1	6
33	Fatty Acid Composition of Plasma Phosphatidylcholine Determines Body Fat Parameters in Subjects with Metabolic Syndrome-Related Traits. Metabolic Syndrome and Related Disorders, 2017, 15, 371-378.	0.5	5
34	Fish oil supplementation with various lipid emulsions suppresses in vitro cytokine release in home parenteral nutrition patients: a crossover study. Nutrition Research, 2019, 72, 70-79.	1.3	5
35	Enzymatic methods may underestimate the total serum bile acid concentration. PLoS ONE, 2020, 15, e0236372.	1.1	5
36	Altered Indices of Fatty Acid Elongases ELOVL6, ELOVL5, and ELOVL2 Activities in Patients with Impaired Fasting Glycemia. Metabolic Syndrome and Related Disorders, 2021, 19, 386-392.	0.5	3

#	Article	IF	Citations
37	Lipid Metabolism in Patients with End-Stage Renal Disease: A Five Year Follow-up Study. Current Vascular Pharmacology, 2018, 16, 298-305.	0.8	3
38	Antioxidant tempol suppresses heart cytosolic phospholipase A₂Î± stimulated by chronic intermittent hypoxia. Canadian Journal of Physiology and Pharmacology, 2017, 95, 920-927.	0.7	2
39	A Matched Case-Control Study of Noncholesterol Sterols and Fatty Acids in Chronic Hemodialysis Patients. Metabolites, 2021, 11, 774.	1.3	2
40	Effects of Selected Anthropometric Parameters on Plasma Lipoproteins, Fatty Acid Composition, and Lipoperoxidation. Annals of the New York Academy of Sciences, 2002, 967, 522-527.	1.8	1
41	Excess ischemic tachyarrhythmias trigger protection against myocardial infarction in hypertensive rats. Clinical Science, 2021, 135, 2143-2163.	1.8	1
42	FADS Polymorphisms Affect the Clinical and Biochemical Phenotypes of Metabolic Syndrome. Metabolites, 2022, 12, 568.	1.3	1
43	Polymorphisms of SCD-1 gene, increased oxidative stress and insulin resistance in persons with elevated concentrations of apolipoprotein B48. Atherosclerosis, 2017, 263, e66.	0.4	0
44	Is lipoprotein subfraction analysis in patients in chronic hemodialysis reasonable? - a pilot study. Atherosclerosis, 2017, 263, e274.	0.4	0
45	Associations of Serum Uric Acid with Endogenous Cholesterol Synthesis Indices in Men with High Cardiometabolic Risk. Metabolic Syndrome and Related Disorders, 2020, 18, 212-218.	0.5	0
46	Noncholesterol sterols. Acta Universitatis Carolinae Medica Monographia, 2008, 154, 5-101.	0.0	0