

Vera C Mazurak

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

4,167
citations

147566

31
h-index

123241

61
g-index

100
all docs

100
docs citations

100
times ranked

5861
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of skeletal muscle radiation attenuation and basis of its biological variation. <i>Acta Physiologica</i> , 2014, 210, 489-497.	1.8	489
2	Computed tomography-defined muscle and fat wasting are associated with cancer clinical outcomes. <i>Seminars in Cell and Developmental Biology</i> , 2016, 54, 2-10.	2.3	227
3	Nutritional intervention with fish oil provides a benefit over standard of care for weight and skeletal muscle mass in patients with nonsmall cell lung cancer receiving chemotherapy. <i>Cancer</i> , 2011, 117, 1775-1782.	2.0	225
4	Supplementation with fish oil increases first-line chemotherapy efficacy in patients with advanced nonsmall cell lung cancer. <i>Cancer</i> , 2011, 117, 3774-3780.	2.0	179
5	Understanding and managing cancer cachexia. <i>Journal of the American College of Surgeons</i> , 2003, 197, 143-161.	0.2	175
6	Sarcopenia in cirrhosis: from pathogenesis to interventions. <i>Journal of Gastroenterology</i> , 2019, 54, 845-859.	2.3	172
7	Subcutaneous adiposity is an independent predictor of mortality in cancer patients. <i>British Journal of Cancer</i> , 2017, 117, 148-155.	2.9	167
8	Loss of adipose tissue and plasma phospholipids: Relationship to survival in advanced cancer patients. <i>Clinical Nutrition</i> , 2010, 29, 482-487.	2.3	115
9	Clinical Implications of Sarcopenic Obesity in Cancer. <i>Current Oncology Reports</i> , 2016, 18, 62.	1.8	111
10	Evidence and Mechanisms of Fat Depletion in Cancer. <i>Nutrients</i> , 2014, 6, 5280-5297.	1.7	100
11	Nutritional Interventions for Cancer-Induced Cachexia. <i>Current Problems in Cancer</i> , 2011, 35, 58-90.	1.0	99
12	Low subcutaneous adiposity associates with higher mortality in female patients with cirrhosis. <i>Journal of Hepatology</i> , 2018, 69, 608-616.	1.8	97
13	Cancer cachexia is defined by an ongoing loss of skeletal muscle mass. <i>Annals of Palliative Medicine</i> , 2019, 8, 3-12.	0.5	88
14	Influence of eicosapentaenoic acid supplementation on lean body mass in cancer cachexia. <i>British Journal of Cancer</i> , 2011, 105, 1469-1473.	2.9	86
15	Skeletal Muscle Depletion Is Associated with Reduced Plasma (n-3) Fatty Acids in Non-Small Cell Lung Cancer Patients. <i>Journal of Nutrition</i> , 2010, 140, 1602-1606.	1.3	73
16	Inflammation, obesity, and fatty acid metabolism: influence of n-3 polyunsaturated fatty acids on factors contributing to metabolic syndrome. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 1008-1024.	0.9	70
17	n-3 polyunsaturated fatty acids. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 246-251.	1.3	67
18	n-3 Polyunsaturated Fatty Acids: Relationship to Inflammation in Healthy Adults and Adults Exhibiting Features of Metabolic Syndrome. <i>Lipids</i> , 2013, 48, 319-332.	0.7	67

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19	Visceral adiposity and cancer survival: a review of imaging studies. <i>European Journal of Cancer Care</i> , 2018, 27, e12611.	0.7	59
20	n-3 Polyunsaturated fatty acids throughout the cancer trajectory: influence on disease incidence, progression, response to therapy and cancer-associated cachexia. <i>Nutrition Research Reviews</i> , 2004, 17, 177-192.	2.1	57
21	Plasma and neutrophil fatty acid composition in advanced cancer patients and response to fish oil supplementation. <i>British Journal of Cancer</i> , 2002, 87, 1370-1378.	2.9	56
22	Visceral adiposity increases risk for hepatocellular carcinoma in male patients with cirrhosis and recurrence after liver transplant. <i>Hepatology</i> , 2018, 67, 914-923.	3.6	52
23	Role of n-3 fatty acids in muscle loss and myosteatosis. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 654-662.	0.9	46
24	Severe vitamin D deficiency is a prognostic biomarker in autoimmune hepatitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 173-182.	1.9	46
25	Review article: prognostic significance of body composition abnormalities in patients with cirrhosis. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 600-618.	1.9	45
26	A Canadian Survey of Perceived Barriers to Initiation and Continuation of Enteral Feeding in PICUs. <i>Pediatric Critical Care Medicine</i> , 2014, 15, e49-e55.	0.2	44
27	Epidemiology of Interruptions to Nutrition Support in Critically Ill Children in the Pediatric Intensive Care Unit. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015, 39, 211-217.	1.3	43
28	Dietary Ganglioside Reduces Proinflammatory Signaling in the Intestine. <i>Journal of Nutrition and Metabolism</i> , 2012, 2012, 1-8.	0.7	42
29	n-3 polyunsaturated fatty acid supplementation during cancer chemotherapy. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2016, 5, 107-116.	1.7	42
30	Potential Biomarkers of Fat Loss as a Feature of Cancer Cachexia. <i>Mediators of Inflammation</i> , 2015, 2015, 1-8.	1.4	37
31	Surgical fasting guidelines in children: Are we putting them into practice?. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1298-1302.	0.8	35
32	Fatty acid content of plasma lipids and erythrocyte phospholipids are altered following burn injury. <i>Lipids</i> , 2001, 36, 675-682.	0.7	33
33	Aberrations in Plasma Phospholipid Fatty Acids in Lung Cancer Patients. <i>Lipids</i> , 2012, 47, 363-369.	0.7	33
34	Lipid is heterogeneously distributed in muscle and associates with low radiodensity in cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 735-747.	2.9	32
35	Determination of the Relative Efficacy of Eicosapentaenoic Acid and Docosahexaenoic Acid for Anti-Cancer Effects in Human Breast Cancer Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2607.	1.8	30
36	Poor Vitamin Status is Associated with Skeletal Muscle Loss and Mucositis in Head and Neck Cancer Patients. <i>Nutrients</i> , 2018, 10, 1236.	1.7	30

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37	Reduced growth and integrin expression of prostate cells cultured with lycopene, vitamin E and fish oil in vitro. <i>British Journal of Nutrition</i> , 2009, 101, 990-997.	1.2	29
38	A Meal High in Saturated Fat Evokes Postprandial Dyslipemia, Hyperinsulinemia, and Altered Lipoprotein Expression in Obese Children With and Without Nonalcoholic Fatty Liver Disease. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013, 37, 517-528.	1.3	29
39	Recommended European Society of Parenteral and Enteral Nutrition protein and energy intakes and weight loss in patients with head and neck cancer. <i>Head and Neck</i> , 2016, 38, 1248-1257.	0.9	28
40	Fasting triacylglycerol status, but not polyunsaturated/saturated fatty acid ratio, influences the postprandial response to a series of oral fat tolerance tests. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 694-704.	1.9	27
41	The effect of treating infected skin grafts with Acticoat [®] on immune cells. <i>Burns</i> , 2007, 33, 52-58.	1.1	26
42	Anthropometric Measures of Visceral and Subcutaneous Fat Are Important in the Determination of Metabolic Dysregulation in Boys and Girls at Risk for Nonalcoholic Fatty Liver Disease. <i>Nutrition in Clinical Practice</i> , 2013, 28, 101-111.	1.1	26
43	Diet composition as a source of variation in experimental animal models of cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 110-125.	2.9	26
44	Clinical and biological characterization of skeletal muscle tissue biopsies of surgical cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 1356-1377.	2.9	26
45	Loss of visceral adipose tissue precedes subcutaneous adipose tissue and associates with n-6 fatty acid content. <i>Clinical Nutrition</i> , 2016, 35, 1347-1353.	2.3	25
46	Role of docosahexaenoic acid in enhancement of docetaxel action in patient-derived breast cancer xenografts. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 357-367.	1.1	25
47	Myosteatosis in Cirrhosis: A Review of Diagnosis, Pathophysiological Mechanisms and Potential Interventions. <i>Cells</i> , 2022, 11, 1216.	1.8	24
48	Sarcopenia Severity Based on Computed Tomography Image Analysis in Patients with Cirrhosis. <i>Nutrients</i> , 2020, 12, 3463.	1.7	23
49	Fish oil mitigates myosteatosis and improves chemotherapy efficacy in a preclinical model of colon cancer. <i>PLoS ONE</i> , 2017, 12, e0183576.	1.1	21
50	N-3 Long-Chain Polyunsaturated Fatty Acids, Eicosapentaenoic and Docosahexaenoic Acid, and the Role of Supplementation during Cancer Treatment: A Scoping Review of Current Clinical Evidence. <i>Cancers</i> , 2021, 13, 1206.	1.7	21
51	Reduction of Arachidonate Is Associated With Increase in B ₂ Cell Activation Marker in Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 64, 446-453.	0.9	20
52	Myokines in treatment-naïve patients with cancer-associated cachexia. <i>Clinical Nutrition</i> , 2021, 40, 2443-2455.	2.3	20
53	Skeletal Muscle Pathological Fat Infiltration (Myosteatosis) Is Associated with Higher Mortality in Patients with Cirrhosis. <i>Cells</i> , 2022, 11, 1345.	1.8	20
54	Host phenotype is associated with reduced survival independent of tumour biology in patients with colorectal liver metastases. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 123-130.	2.9	19

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55	Chemotherapy diminishes lipid storage capacity of adipose tissue in a preclinical model of colon cancer. <i>Lipids in Health and Disease</i> , 2017, 16, 247.	1.2	18
56	Sensory preferences of supplemented food products among cancer patients: a systematic review. <i>Supportive Care in Cancer</i> , 2019, 27, 333-349.	1.0	18
57	Profiling gangliosides from milk products and other biological membranes using LC/MS. <i>Journal of Food Composition and Analysis</i> , 2015, 44, 45-55.	1.9	17
58	Prevalence of Inadequate Vitamin D Status and Associated Factors in Children With Cystic Fibrosis. <i>Nutrition in Clinical Practice</i> , 2015, 30, 111-116.	1.1	17
59	Glucagon-Like Peptide-2 Alters Bile Acid Metabolism in Parenteral Nutrition-Associated Liver Disease. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 22-35.	1.3	17
60	Meeting Minimum ESPEN Energy Recommendations Is Not Enough to Maintain Muscle Mass in Head and Neck Cancer Patients. <i>Nutrients</i> , 2019, 11, 2743.	1.7	17
61	Increased catabolism and decreased unsaturation of ganglioside in patients with inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2015, 21, 10080-10090.	1.4	17
62	Computed-Tomography Body Composition Analysis Complements Pre-Operative Nutrition Screening in Colorectal Cancer Patients on an Enhanced Recovery after Surgery Pathway. <i>Nutrients</i> , 2020, 12, 3745.	1.7	16
63	Ganglioside Intake Increases Plasma Ganglioside Content in Human Participants. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 657-666.	1.3	15
64	Immunohistochemical phenotyping of T cells, granulocytes, and phagocytes in the muscle of cancer patients: association with radiologically defined muscle mass and gene expression. <i>Skeletal Muscle</i> , 2019, 9, 24.	1.9	15
65	Comparing docosahexaenoic acid (DHA) concomitant with neoadjuvant chemotherapy versus neoadjuvant chemotherapy alone in the treatment of breast cancer (DHA WIN): protocol of a double-blind, phase II, randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e030502.	0.8	15
66	Head and Neck Cancer Patients Do Not Meet Recommended Intakes of Micronutrients without Consuming Fortified Products. <i>Nutrition and Cancer</i> , 2018, 70, 474-482.	0.9	14
67	Potential Role of Omega-3 Fatty Acids on the Myogenic Program of Satellite Cells. <i>Nutrition and Metabolic Insights</i> , 2016, 9, NMI.S27481.	0.8	13
68	Mixed Lipid, Fish Oil, and Soybean Oil Parenteral Lipids Impact Cholestasis, Hepatic Phytosterol, and Lipid Composition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, 861-867.	0.9	12
69	A fishy conclusion regarding n-3 fatty acid supplementation in cancer patients. <i>Clinical Nutrition</i> , 2013, 32, 466-467.	2.3	11
70	Adherence to a Nurse-Driven Feeding Protocol in a Pediatric Intensive Care Unit. <i>Journal of Parenteral and Enteral Nutrition</i> , 2018, 42, 327-334.	1.3	10
71	Higher subcutaneous adipose tissue radiodensity is associated with increased mortality in patients with cirrhosis. <i>JHEP Reports</i> , 2022, 4, 100495.	2.6	10
72	New oral fat tolerance tests feature tailoring of the polyunsaturated/saturated fatty acid ratio to elicit a specific postprandial response. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 1073-1081.	0.9	9

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73	Long-chain Polyunsaturated Fat Supplementation in Children With Low Docosahexaenoic Acid Intakes Alters Immune Phenotypes Compared With Placebo. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008, 46, 570-579.	0.9	9
74	Bypassing the Δ^6 -desaturase enzyme and directly providing n-3 and n-6 PUFA pathway intermediates reduces the survival of two human breast cancer cell lines. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 1378-1390.	1.0	9
75	n-3 fatty acids during chemotherapy: toward a higher level of evidence for clinical application. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 82-88.	1.3	9
76	Regulation of Skeletal Muscle Satellite Cell Differentiation by Omega-3 Polyunsaturated Fatty Acids: A Critical Review. <i>Frontiers in Physiology</i> , 2021, 12, 682091.	1.3	9
77	Barriers to Oral Food Intake for Children Admitted to Hospital. <i>Canadian Journal of Dietetic Practice and Research</i> , 2019, 80, 195-199.	0.5	8
78	Myopenia and Reduced Subcutaneous Adiposity in Children With Liver Disease Are Associated With Adverse Outcomes. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, 961-972.	1.3	8
79	Indicators of Pediatric Malnutrition in a Tertiary Care Hospital. <i>Canadian Journal of Dietetic Practice and Research</i> , 2014, 75, 157-159.	0.5	7
80	Impact of Clinical Use of Parenteral Lipid Emulsions on Bile Acid Metabolism and Composition in Neonatal Piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019, 43, 668-676.	1.3	6
81	Docosahexaenoic acid enrichment of tumor phospholipid membranes increases tumor necroptosis in mice bearing triple negative breast cancer patient-derived xenografts. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109018.	1.9	6
82	Food Products as Vehicles For n-3 Fatty Acid Supplementation. <i>Canadian Journal of Dietetic Practice and Research</i> , 2008, 69, 203-207.	0.5	5
83	Does Persistent Inflammatory Catabolic Syndrome Exist in Critically Ill Neonates?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 1393-1398.	1.3	4
84	Distance Delivery of Nutrition Education. <i>Canadian Journal of Dietetic Practice and Research</i> , 2005, 66, 187-192.	0.5	4
85	Alterations in hepatic fatty acids reveal depletion of total polyunsaturated fatty acids following irinotecan plus 5-fluorouracil treatment in an animal model of colorectal cancer. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 174, 102359.	1.0	4
86	n-3 Polyunsaturated Fatty Acids Increase: Thermic Effect of Food in Men with Metabolic Syndrome. <i>Canadian Journal of Dietetic Practice and Research</i> , 2011, 72, 201-204.	0.5	3
87	Let Them Eat Fish. <i>JAMA Oncology</i> , 2015, 1, 840.	3.4	2
88	Dietary citrulline does not modify rat colon tumor response to chemotherapy, but failed to improve nutritional status. <i>Clinical Nutrition</i> , 2021, 40, 4560-4568.	2.3	2
89	Plasma levels of platinum-induced fatty acid [16:4n-3] do not affect response to platinum-based chemotherapy: A pilot study in non-small cell lung cancer patients. <i>Clinical Nutrition ESPEN</i> , 2020, 40, 263-268.	0.5	1
90	Fish oil supplementation and maintaining muscle mass in chronic disease: state of the evidence. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 164-173.	1.3	1

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91	Ganglioside Alters Phospholipase Trafficking, Inhibits NF- κ B Assembly, and Protects Tight Junction Integrity. <i>Frontiers in Nutrition</i> , 2021, 8, 705172.	1.6	1
92	Fortified Snack Preferences among Patients with Cancer. <i>Nutrition and Cancer</i> , 2021, , 1-12.	0.9	1
93	A 16-week randomized controlled trial of a fish oil and whey protein-derived supplement to improve physical performance in older adults losing autonomyâ€”A pilot study. <i>PLoS ONE</i> , 2021, 16, e0256386.	1.1	1
94	Effect of Irinotecan (CPTâ€”1) on fatty acid status in rats with colorectal cancer. <i>FASEB Journal</i> , 2008, 22, 679-679.	0.2	1
95	Depletion of essential fatty acids in muscle is associated with shorter survival of cancer patients undergoing surgery-preliminary report. <i>Scientific Reports</i> , 2021, 11, 23006.	1.6	1
96	Characteristics of in vitro prostate cancer models grown in human serum. <i>FASEB Journal</i> , 2006, 20, LB103.	0.2	0
97	Plasminogen activator inhibitorâ€”1 is negatively associated with fasting plasma monounsaturated fatty acids but not influenced by postprandial polyunsaturated fatty acid composition in men with high fasting triacylglycerol. <i>FASEB Journal</i> , 2008, 22, 297.2.	0.2	0
98	Does changing the PUFA content of a high saturated fat meal influence postprandial lipid and lipoprotein expression in children with nonalcoholic fatty liver disease?. <i>FASEB Journal</i> , 2012, 26, 252.3.	0.2	0