Vickie E Baracos

List of Publications by Year
in descending order

267 papers	36,914 citations	8755 75 h-index	3182 186 g-index
270 all docs	270 docs citations	270 times ranked	26946 citing authors

#	Article	IF	Citations
1	Definition and classification of cancer cachexia: an international consensus. Lancet Oncology, The, 2011, 12, 489-495.	10.7	4,015
2	Prevalence and clinical implications of sarcopenic obesity in patients with solid tumours of the respiratory and gastrointestinal tracts: a population-based study. Lancet Oncology, The, 2008, 9, 629-635.	10.7	2,357
3	Cancer Cachexia in the Age of Obesity: Skeletal Muscle Depletion Is a Powerful Prognostic Factor, Independent of Body Mass Index. Journal of Clinical Oncology, 2013, 31, 1539-1547.	1.6	1,920
4	Cachexia: A new definition. Clinical Nutrition, 2008, 27, 793-799.	5.0	1,906
5	ESPEN guidelines on nutrition in cancer patients. Clinical Nutrition, 2017, 36, 11-48.	5.0	1,855
6	A practical and precise approach to quantification of body composition in cancer patients using computed tomography images acquired during routine care. Applied Physiology, Nutrition and Metabolism, 2008, 33, 997-1006.	1.9	1,588
7	Multiple types of skeletal muscle atrophy involve a common program of changes in gene expression. FASEB Journal, 2004, 18, 39-51.	0.5	1,329
8	Cancer-associated cachexia. Nature Reviews Disease Primers, 2018, 4, 17105.	30.5	908
9	Sarcopenia With Limited Mobility: An International Consensus. Journal of the American Medical Directors Association, 2011, 12, 403-409.	2.5	884
10	Sarcopenia as a Determinant of Chemotherapy Toxicity and Time to Tumor Progression in Metastatic Breast Cancer Patients Receiving Capecitabine Treatment. Clinical Cancer Research, 2009, 15, 2920-2926.	7.0	872
11	Understanding the mechanisms and treatment options in cancer cachexia. Nature Reviews Clinical Oncology, 2013, 10, 90-99.	27.6	729
12	Stimulation of Muscle Protein Degradation and Prostaglandin E₂Release by Leukocytic Pyrogen (Interleukin-1). New England Journal of Medicine, 1983, 308, 553-558.	27.0	710
13	Muscle Wasting Is Associated With Mortality in Patients With Cirrhosis. Clinical Gastroenterology and Hepatology, 2012, 10, 166-173.e1.	4.4	659
14	Sarcopenia in an Overweight or Obese Patient Is an Adverse Prognostic Factor in Pancreatic Cancer. Clinical Cancer Research, 2009, 15, 6973-6979.	7.0	570
15	Diagnostic Criteria for the Classification of Cancer-Associated Weight Loss. Journal of Clinical Oncology, 2015, 33, 90-99.	1.6	538
16	Tumour-derived PTH-related protein triggers adipose tissue browning and cancer cachexia. Nature, 2014, 513, 100-104.	27.8	515
17	Body Composition as an Independent Determinant of 5-Fluorouracilâ€“Based Chemotherapy Toxicity. Clinical Cancer Research, 2007, 13, 3264-3268.	7.0	485
18	ESPEN practical guideline: Clinical Nutrition in cancer. Clinical Nutrition, 2021, 40, 2898-2913.	5.0	472

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19	Severe muscle depletion in patients on the liver transplant wait list: Its prevalence and independent prognostic value. Liver Transplantation, 2012, 18, 1209-1216.	2.4	460
20	Sarcopenia: A Time for Action. An SCWD Position Paper. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 956-961.	7.3	410
21	Body composition in patients with nonâ˜small cell lung cancer: a contemporary view of cancer cachexia with the use of computed tomography image analysis. American Journal of Clinical Nutrition, 2010, 91, 1133S-1137S.	4.7	377
22	Sarcopenic obesity and myosteatosis are associated with higher mortality in patients with cirrhosis. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 126-135.	7.3	372
23	Management of Cancer Cachexia: ASCO Guideline. Journal of Clinical Oncology, 2020, 38, 2438-2453.	1.6	292
24	Effect of Fish Oil on Appetite and Other Symptoms in Patients With Advanced Cancer and Anorexia/Cachexia: A Double-Blind, Placebo-Controlled Study. Journal of Clinical Oncology, 2003, 21, 129-134.	1.6	280
25	Muscle Wasting in Cancer Cachexia: Clinical Implications, Diagnosis, and Emerging Treatment Strategies. Annual Review of Medicine, 2011, 62, 265-279.	12.2	268
26	Inclusion of Sarcopenia Within MELD (MELD-Sarcopenia) and the Prediction of Mortality in Patients With Cirrhosis. Clinical and Translational Gastroenterology, 2015, 6, e102.	2.5	261
27	Association of Skeletal Muscle Wasting With Treatment With Sorafenib in Patients With Advanced Renal Cell Carcinoma: Results From a Placebo-Controlled Study. Journal of Clinical Oncology, 2010, 28, 1054-1060.	1.6	254
28	Severe muscle depletion predicts postoperative length of stay but is not associated with survival after liver transplantation. Liver Transplantation, 2014, 20, 640-648.	2.4	243
29	Computed tomography-defined muscle and fat wasting are associated with cancer clinical outcomes. Seminars in Cell and Developmental Biology, 2016, 54, 2-10.	5.0	227
30	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. Cancer, 2011, 117, 1775-1782.	4.1	225
31	Sarcopenia as a Prognostic Index of Nutritional Status in Concurrent Cirrhosis and Hepatocellular Carcinoma. Journal of Clinical Gastroenterology, 2013, 47, 861-870.	2.2	213
32	A viscerally driven cachexia syndrome in patients with advanced colorectal cancer: contributions of organ and tumor mass to whole-body energy demands. American Journal of Clinical Nutrition, 2009, 89, 1173-1179.	4.7	210
33	The emerging role of computerized tomography in assessing cancer cachexia. Current Opinion in Supportive and Palliative Care, 2009, 3, 269-275.	1.3	206
34	Central tenet of cancer cachexia therapy: do patients with advanced cancer have exploitable anabolic potential?. American Journal of Clinical Nutrition, 2013, 98, 1012-1019.	4.7	192
35	Chemosensory Dysfunction Is a Primary Factor in the Evolution of Declining Nutritional Status and Quality of Life in Patients With Advanced Cancer. Journal of Pain and Symptom Management, 2007, 33, 156-165.	1.2	187
36	Supplementation with fish oil increases first-line chemotherapy efficacy in patients with advanced nonsmall cell lung cancer. Cancer, 2011, 117, 3774-3780.	4.1	179

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37	Understanding and managing cancer cachexia. Journal of the American College of Surgeons, 2003, 197, 143-161.	0.5	175
38	Cancer cachexia: A systematic literature review of items and domains associated with involuntary weight loss in cancer. Critical Reviews in Oncology/Hematology, 2011, 80, 114-144.	4.4	174
39	Skeletal muscle density predicts prognosis in patients with metastatic renal cell carcinoma treated with targeted therapies. Cancer, 2013, 119, 3377-3384.	4.1	170
40	Subcutaneous adiposity is an independent predictor of mortality in cancer patients. British Journal of Cancer, 2017, 117, 148-155.	6.4	167
41	Central nervous system inflammation induces muscle atrophy via activation of the hypothalamicâ€“pituitaryâ€“adrenal axis. Journal of Experimental Medicine, 2011, 208, 2449-2463.	8.5	162
42	Cancer Cachexia: Beyond Weight Loss. Journal of Oncology Practice, 2016, 12, 1163-1171.	2.5	162
43	Nutritional status, cachexia and survival in patients with advanced colorectal carcinoma. Different assessment criteria for nutritional status provide unequal results. Clinical Nutrition, 2013, 32, 65-72.	5.0	158
44	Psoas as a sentinel muscle for sarcopenia: a flawed premise. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 527-528.	7.3	156
45	Sarcopenia is a predictor of outcomes in very elderly patients undergoing emergency surgery. Surgery, 2014, 156, 521-527.	1.9	140
46	Cancer cachexia: Diagnosis, assessment, and treatment. Critical Reviews in Oncology/Hematology, 2018, 127, 91-104.	4.4	140
47	Nutrition impact symptoms: Key determinants of reduced dietary intake, weight loss, and reduced functional capacity of patients with head and neck cancer before treatment. Head and Neck, 2010, 32, 290-300.	2.0	136
48	Cancer cachexia: rationale for the MENAC (Multimodalâ€”Exercise, Nutrition and Anti-inflammatory) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	134
49	An exploratory study of body composition as a determinant of epirubicin pharmacokinetics and toxicity. Cancer Chemotherapy and Pharmacology, 2011, 67, 93-101.	2.3	133
50	A comparison of charlson and elixhauser comorbidity measures to predict colorectal cancer survival using administrative health data. Cancer, 2011, 117, 1957-1965.	4.1	130
51	Clinical outcomes related to muscle mass in humans with cancer and catabolic illnesses. International Journal of Biochemistry and Cell Biology, 2013, 45, 2302-2308.	2.8	120
52	Prognostic Factors in Patients With Advanced Cancer: Use of the Patient-Generated Subjective Global Assessment in Survival Prediction. Journal of Clinical Oncology, 2010, 28, 4376-4383.	1.6	119
53	Lean body mass as an independent determinant of doseâ€limiting toxicity and neuropathy in patients with colon cancer treated with FOLFOX regimens. Cancer Medicine, 2016, 5, 607-616.	2.8	119
54	Cancer-Associated Cachexia and Underlying Biological Mechanisms. Annual Review of Nutrition, 2006, 26, 435-461.	10.1	116

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55	Cancer-associated malnutrition. European Journal of Clinical Nutrition, 2018, 72, 1255-1259.	2.9	116
56	Irinotecan (CPT-11) Chemotherapy Alters Intestinal Microbiota in Tumour Bearing Rats. PLoS ONE, 2012, 7, e39764.	2.5	115
57	Two faces of drug therapy in cancer: drug-related lean tissue loss and its adverse consequences to survival and toxicity. Current Opinion in Clinical Nutrition and Metabolic Care, 2011, 14, 250-254.	2.5	112
58	Regulation of skeletal-muscleâ€“protein turnover in cancer-associated cachexia. Nutrition, 2000, 16, 1015-1018.	2.4	111
59	Body Composition Assessment in Axial CT Images Using FEM-Based Automatic Segmentation of Skeletal Muscle. IEEE Transactions on Medical Imaging, 2016, 35, 512-520.	8.9	105
60	Skeletal muscle radiodensity is prognostic for survival in patients with advanced non-small cell lung cancer. Clinical Nutrition, 2016, 35, 1386-1393.	5.0	103
61	Muscle mass and association to quality of life in nonâ€small cell lung cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 759-767.	7.3	102
62	Body Composition as a Prognostic Factor of Neoadjuvant Chemotherapy Toxicity and Outcome in Patients with Locally Advanced Gastric Cancer. Journal of Gastric Cancer, 2017, 17, 74.	2.5	102
63	The Impact of Muscle and Adipose Tissue on Long-term Survival in Patients With Stage I to III Colorectal Cancer. Diseases of the Colon and Rectum, 2019, 62, 549-560.	1.3	98
64	Nutrition impact symptoms in a population cohort of head and neck cancer patients: Multivariate regression analysis of symptoms on oral intake, weight loss and survival. Oral Oncology, 2014, 50, 877-883.	1.5	97
65	Low subcutaneous adiposity associates with higher mortality in female patients with cirrhosis. Journal of Hepatology, 2018, 69, 608-616.	3.7	97
66	Sarcopenia and myosteatosis are accompanied by distinct biological profiles in patients with pancreatic and periampullary adenocarcinomas. PLoS ONE, 2018, 13, e0196235.	2.5	97
67	Regulation of Protein Catabolism by Muscle-Specific and Cytokine-Inducible Ubiquitin Ligase E3Î±-II during Cancer Cachexia. Cancer Research, 2004, 64, 8193-8198.	0.9	95
68	Dietary patterns in patients with advanced cancer: implications for anorexia-cachexia therapy. American Journal of Clinical Nutrition, 2006, 84, 1163-1170.	4.7	95
69	Association of Low Muscle Mass and Low Muscle Radiodensity With Morbidity and Mortality for Colon Cancer Surgery. JAMA Surgery, 2020, 155, 942.	4.3	91
70	Investigations of Branched-Chain Amino Acids and Their Metabolites inAnimal Models of Cancer1â€“3. Journal of Nutrition, 2006, 136, 237S-242S.	2.9	89
71	Body Composition Variation and Impact of Low Skeletal Muscle Mass in Patients With Advanced Medullary Thyroid Carcinoma Treated With Vandetanib: Results From a Placebo-Controlled Study. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2401-2408.	3.6	88
72	Cancer cachexia is defined by an ongoing loss of skeletal muscle mass. Annals of Palliative Medicine, 2019, 8, 3-12.	1.2	88

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73	Assessment of Computed Tomography (CT)-Defined Muscle and Adipose Tissue Features in Relation to Short-Term Outcomes After Elective Surgery for Colorectal Cancer: A Multicenter Approach. Annals of Surgical Oncology, 2018, 25, 2669-2680.	1.5	87
74	Body Composition, Symptoms, and Survival in Advanced Cancer Patients Referred to a Phase I Service. PLoS ONE, 2012, 7, e29330.	2.5	87
75	Cancerâ€Associated Malnutrition and CTâ€Defined Sarcopenia and Myosteatosis Are Endemic in Overweight and Obese Patients. Journal of Parenteral and Enteral Nutrition, 2020, 44, 227-238.	2.6	85
76	USP19 is a ubiquitin-specific protease regulated in rat skeletal muscle during catabolic states. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E693-E700.	3.5	84
77	Physical activity interests and preferences in palliative cancer patients. Supportive Care in Cancer, 2010, 18, 1469-1475.	2.2	80
78	Evaluation of automated computed tomography segmentation to assess body composition and mortality associations in cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1258-1269.	7.3	79
79	Evolving classification systems for cancer cachexia: ready for clinical practice?. Supportive Care in Cancer, 2010, 18, 273-279.	2.2	77
80	Synthesis and evaluation of 1,5-diaryl-substituted tetrazoles as novel selective cyclooxygenase-2 (COX-2) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1823-1826.	2.2	76
81	The advantages and limitations of cross-sectional body composition analysis. Current Opinion in Supportive and Palliative Care, 2011, 5, 342-349.	1.3	75
82	Small RNAome profiling from human skeletal muscle: novel miRNAs and their targets associated with cancer cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 405-416.	7.3	74
83	Nutritional Status, Body Surface, and Low Lean Body Mass/Body Mass Index Are Related to Dose Reduction and Severe Gastrointestinal Toxicity Induced by Afatinib in Patients With Non-Small Cell Lung Cancer. Oncologist, 2015, 20, 967-974.	3.7	73
84	Cytokines and endotoxin induce cytokine receptors in skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E196-E205.	3.5	71
85	Malnutrition assessment in patients with cancers of the head and neck: A call to action and consensus. Critical Reviews in Oncology/Hematology, 2013, 88, 459-476.	4.4	70
86	Nutritional Modulation of Antitumor Efficacy and Diarrhea Toxicity Related to Irinotecan Chemotherapy in Rats Bearing the Ward Colon Tumor. Clinical Cancer Research, 2007, 13, 7146-7154.	7.0	69
87	Assessment of Nutritional Status in Cancer â€“ The Relationship Between Body Composition and Pharmacokinetics. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 1197-1203.	1.7	69
88	Cachexia in pancreatic cancer: new treatment options and measures of success. Hpb, 2010, 12, 323-324.	0.3	68
89	Low muscle mass is associated with chemotherapy-induced haematological toxicity in advanced non-small cell lung cancer. Lung Cancer, 2015, 90, 85-91.	2.0	68
90	Management of muscle wasting in cancer-associated cachexia. Cancer, 2001, 92, 1669-1677.	4.1	67

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91	Shifting to conscious control: psychosocial and dietary management of anorexia by patients with advanced cancer. Palliative Medicine, 2007, 21, 227-233.	3.1	66
92	Clinical determinants of weight loss in patients receiving radiation and chemoirradiation for head and neck cancer: A prospective longitudinal view. Head and Neck, 2013, 35, 695-703.	2.0	66
93	Effects of Exercise Training on Antitumor Efficacy of Doxorubicin in MDA-MB-231 Breast Cancer Xenografts. Clinical Cancer Research, 2005, 11, 6695-6698.	7.0	65
94	Mini Nutritional Assessment (MNA) and biochemical markers of cachexia in metastatic lung cancer patients: Interrelations and associations with prognosis. Lung Cancer, 2011, 74, 516-520.	2.0	65
95	Concurrent evolution of cancer cachexia and heart failure: bilateral effects exist. Journal of Cachexia, Sarcopenia and Muscle, 2014, 5, 95-104.	7.3	62
96	Sarcopenia and Physical Function: In Overweight Patients with Advanced Cancer. Canadian Journal of Dietetic Practice and Research, 2013, 74, 69-74.	0.6	61
97	Muscle segmentation in axial computed tomography (CT) images at the lumbar (L3) and thoracic (T4) levels for body composition analysis. Computerized Medical Imaging and Graphics, 2019, 75, 47-55.	5.8	61
98	The Role of Intestinal Microbiota in Development of Irinotecan Toxicity and in Toxicity Reduction through Dietary Fibres in Rats. PLoS ONE, 2014, 9, e83644.	2.5	61
99	Modeling the energetic cost of cancer as a result of altered energy metabolism: implications for cachexia. Theoretical Biology and Medical Modelling, 2015, 12, 17.	2.1	60
100	Skeletal muscle density is an independent predictor of diffuse large Bâ€cell lymphoma outcomes treated with rituximabâ€based chemoimmunotherapy. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 298-304.	7.3	60
101	MAFbx/Atrogin-1 expression is a poor index of muscle proteolysis. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 223-224.	2.5	59
102	Associations Between Physical Activity and Quality of Life in Cancer Patients Receiving Palliative Care: A Pilot Survey. Journal of Pain and Symptom Management, 2009, 38, 785-796.	1.2	58
103	The applicability of a weight loss grading system in cancer cachexia: a longitudinal analysis. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 789-797.	7.3	58
104	Integration of palliative, supportive, and nutritional care to alleviate eating-related distress among advanced cancer patients with cachexia and their family members. Critical Reviews in Oncology/Hematology, 2019, 143, 117-123.	4.4	58
105	n-3 Polyunsaturated fatty acids throughout the cancer trajectory: influence on disease incidence, progression, response to therapy and cancer-associated cachexia. Nutrition Research Reviews, 2004, 17, 177-192.	4.1	57
106	Tissue protein synthesis in lactating and dry goats. British Journal of Nutrition, 1991, 66, 451-465.	2.3	56
107	New genetic signatures associated with cancer cachexia as defined by low skeletal muscle index and weight loss. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 122-130.	7.3	55
108	Associations of preâ€existing coâ€morbidities with skeletal muscle mass and radiodensity in patients with nonâ€metastatic colorectal cancer. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 654-663.	7.3	55

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109	Advances in the Science and Application of Body Composition Measurement. Journal of Parenteral and Enteral Nutrition, 2012, 36, 96-107.	2.6	54
110	Management of muscle wasting in cancer-associated cachexia. Cancer, 2001, 92, 1669-1677.	4.1	53
111	Visceral adiposity increases risk for hepatocellular carcinoma in male patients with cirrhosis and recurrence after liver transplant. Hepatology, 2018, 67, 914-923.	7.3	52
112	Learning to predict cancer-associated skeletal muscle wasting from 1H-NMR profiles of urinary metabolites. Metabolomics, 2011, 7, 25-34.	3.0	51
113	Barriers to cancer nutrition therapy: excess catabolism of muscle and adipose tissues induced by tumour products and chemotherapy. Proceedings of the Nutrition Society, 2018, 77, 394-402.	1.0	51
114	Hyperhomocysteinemia as a potential contributor of colorectal cancer development in inflammatory bowel diseases: A review. World Journal of Gastroenterology, 2015, 21, 1081.	3.3	50
115	Dietary L-Glutamine Supplementation Reduces the Growth of the Morris Hepatoma 7777 in Exercise-Trained and Sedentary Rats. Journal of Nutrition, 1997, 127, 158-166.	2.9	49
116	Glutamine supplementation influences immune development in the newly weaned piglet. Developmental and Comparative Immunology, 2006, 30, 1191-1202.	2.3	49
117	Low muscle mass is associated with early termination of chemotherapy related to toxicity in patients with head and neck cancer. Clinical Nutrition, 2020, 39, 501-509.	5.0	48
118	Is There a Human Homologue to the Murine Proteolysis-Inducing Factor?. Clinical Cancer Research, 2007, 13, 4984-4992.	7.0	47
119	Prevalence and prognostic significance of malnutrition in patients with cancers of the head and neck. Clinical Nutrition, 2020, 39, 901-909.	5.0	47
120	The head and neck symptom checklistÂ©: an instrument to evaluate nutrition impact symptoms effect on energy intake and weight loss. Supportive Care in Cancer, 2013, 21, 3127-3136.	2.2	46
121	The association between body composition and toxicities from the combination of Doxil and trabectedin in patients with advanced relapsed ovarian cancer. Applied Physiology, Nutrition and Metabolism, 2014, 39, 693-698.	1.9	46
122	Identifying the Barriers and Enablers to Nutrition Care in Head and Neck and Esophageal Cancers. Journal of Parenteral and Enteral Nutrition, 2016, 40, 355-366.	2.6	46
123	Effects of Sample Size on Differential Gene Expression, Rank Order and Prediction Accuracy of a Gene Signature. PLoS ONE, 2013, 8, e65380.	2.5	45
124	Body Composition in Relation to Clinical Outcomes in Renal Cell Cancer: A Systematic Review and Meta-analysis. European Urology Focus, 2018, 4, 420-434.	3.1	45
125	The association of medical and demographic characteristics with sarcopenia and low muscle radiodensity in patients with nonmetastatic colorectal cancer. American Journal of Clinical Nutrition, 2019, 109, 615-625.	4.7	45
126	Review article: prognostic significance of body composition abnormalities in patients with cirrhosis. Alimentary Pharmacology and Therapeutics, 2020, 52, 600-618.	3.7	45

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127	Drug Dose Per Kilogram Lean Body Mass Predicts Hematologic Toxicity From Carboplatin-Doublet Chemotherapy in Advanced Nonâ€“Small-Cell Lung Cancer. Clinical Lung Cancer, 2017, 18, e129-e136.	2.6	44
128	Skeletal Muscle Radio-Density Is an Independent Predictor of Response and Outcomes in Follicular Lymphoma Treated with Chemoimmunotherapy. PLoS ONE, 2015, 10, e0127589.	2.5	41
129	Diagnostic criteria for cancer cachexia: reduced food intake and inflammation predict weight loss and survival in an international, multiâ€cohort analysis. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1189-1202.	7.3	41
130	Nutrition Modulation of Gastrointestinal Toxicity Related to Cancer Chemotherapy. Journal of Parenteral and Enteral Nutrition, 2011, 35, 74-90.	2.6	40
131	Pâ€selectin genotype is associated with the development of cancer cachexia. EMBO Molecular Medicine, 2012, 4, 462-471.	6.9	39
132	Exercise inhibits progressive growth of the Morris hepatoma 7777 in male and female rats. Canadian Journal of Physiology and Pharmacology, 1989, 67, 864-870.	1.4	38
133	Inactivation of the ubiquitin-specific protease 19 deubiquitinating enzyme protects against muscle wasting. FASEB Journal, 2015, 29, 3889-3898.	0.5	38
134	Reframing eating during chemotherapy in cancer patients with chemosensory alterations. European Journal of Oncology Nursing, 2012, 16, 483-490.	2.1	36
135	Skeletal muscle anabolism in patients with advanced cancer. Lancet Oncology, The, 2015, 16, 13-14.	10.7	36
136	Deep learning method for localization and segmentation of abdominal CT. Computerized Medical Imaging and Graphics, 2020, 85, 101776.	5.8	36
137	Amino acid nutrition and immune function in tumour-bearing rats: a comparison of glutamine-, arginine- and ornithine 2-oxoglutarate-supplemented diets. Clinical Science, 1999, 97, 657-669.	4.3	34
138	Hypercatabolism and hypermetabolism in wasting states. Current Opinion in Clinical Nutrition and Metabolic Care, 2002, 5, 237-239.	2.5	33
139	Modulation of intestinal protein synthesis and protease mRNA by luminal and systemic nutrients. American Journal of Physiology - Renal Physiology, 2003, 284, G1017-G1026.	3.4	33
140	Bolus Oral Glutamine Protects Rats against CPT-11-Induced Diarrhea and Differentially Activates Cytoprotective Mechanisms in Host Intestine but Not Tumor. Journal of Nutrition, 2008, 138, 740-746.	2.9	33
141	Associations Between Objectively Measured Physical Activity and Quality of Life in Cancer Patients With Brain Metastases. Journal of Pain and Symptom Management, 2014, 48, 322-332.	1.2	33
142	Lower skeletal muscle attenuation and high visceral fat index are associated with complicated disease in patients with Crohn's disease: An exploratory study. Clinical Nutrition ESPEN, 2017, 21, 79-85.	1.2	33
143	Lipid is heterogeneously distributed in muscle and associates with low radiodensity in cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 735-747.	7.3	32
144	Skeletal muscle protein mobilization during the progression of lactation. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E564-E572.	3.5	31

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145	The management of anorexia by patients with advanced cancer: a critical review of the literature. Palliative Medicine, 2006, 20, 623-629.	3.1	31
146	Automated segmentation of muscle and adipose tissue on CT images for human body composition analysis. Proceedings of SPIE, 2009, , .	0.8	31
147	Weight loss versus muscle loss: re-evaluating inclusion criteria for future cancer cachexia interventional trials. Supportive Care in Cancer, 2017, 25, 365-369.	2.2	31
148	Pitfalls in defining and quantifying cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2011, 2, 71-73.	7.3	30
149	Computational modeling of cancer cachexia. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 214-221.	2.5	29
150	Evaluation of the Clinical Relevance of Body Composition Parameters in Patients With Cancer Metastatic to the Liver Treated With Hepatic Arterial Infusion Chemotherapy. Nutrition and Cancer, 2012, 64, 206-217.	2.0	29
151	Luminal Amino Acids Acutely Decrease Intestinal Mucosal Protein Synthesis and Protease mRNA in Piglets. Journal of Nutrition, 1999, 129, 1871-1878.	2.9	28
152	Prediction of Skeletal Muscle and Fat Mass in Patients with Advanced Cancer Using a Metabolomic Approach. Journal of Nutrition, 2012, 142, 14-21.	2.9	28
153	Recommended European Society of Parenteral and Enteral Nutrition protein and energy intakes and weight loss in patients with head and neck cancer. Head and Neck, 2016, 38, 1248-1257.	2.0	28
154	Skeletal muscle mass correlates with increased toxicity during neoadjuvant radiochemotherapy in locally advanced esophageal cancer: A SAKK 75/08 substudy. Radiation Oncology, 2019, 14, 166.	2.7	28
155	Barriers to the Interpretation of Body Composition in Colorectal Cancer: A Review of the Methodological Inconsistency and Complexity of the CT-Defined Body Habitus. Annals of Surgical Oncology, 2018, 25, 1381-1394.	1.5	27
156	Clinical and biological characterization of skeletal muscle tissue biopsies of surgical cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 1356-1377.	7.3	26
157	Loss of visceral adipose tissue precedes subcutaneous adipose tissue and associates with n-6 fatty acid content. Clinical Nutrition, 2016, 35, 1347-1353.	5.0	25
158	Visceral Adipose Tissue Radiodensity Is Linked to Prognosis in Hepatocellular Carcinoma Patients Treated with Selective Internal Radiation Therapy. Cancers, 2020, 12, 356.	3.7	25
159	Differentially expressed alternatively spliced genes in skeletal muscle from cancer patients with cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 60-70.	7.3	24
160	Prognostic value of early changes in CT-measured body composition in patients receiving chemotherapy for unresectable pancreatic cancer. European Radiology, 2021, 31, 8662-8670.	4.5	24
161	Myosteatosis in Cirrhosis: A Review of Diagnosis, Pathophysiological Mechanisms and Potential Interventions. Cells, 2022, 11, 1216.	4.1	24
162	Single and combined supplementation of glutamine andn-3 polyunsaturated fatty acids on host tolerance and tumour response to 7-ethyl-10-[4-(1-piperidino)-1-piperidino]carbonyloxy-camptothecin (CPT-11)/5-fluorouracil chemotherapy in rats bearing Ward colon tumour. British Journal of Nutrition, 2009, 102, 434-442.	2.3	23

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163	Bridging the gap: are animal models consistent with clinical cancer cachexia?. Nature Reviews Clinical Oncology, 2018, 15, 197-198.	27.6	23
164	Sarcopenia Severity Based on Computed Tomography Image Analysis in Patients with Cirrhosis. Nutrients, 2020, 12, 3463.	4.1	23
165	The effects of curcumin (diferuloylmethane) on body composition of patients with advanced pancreatic cancer. Oncotarget, 2016, 7, 20293-20304.	1.8	22
166	Amino acid nutrition and immune function in tumour-bearing rats: a comparison of glutamine-, arginine- and ornithine 2-oxoglutarate-supplemented diets. Clinical Science, 1999, 97, 657.	4.3	21
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