Teresa A Zimmers

List of Publications by Year in Descending Order

110 papers	5,801 citations	38 h-index	75 g-index
138 ext. papers	6,674 ext. citations	6.4 avg, IF	5.46 L-index

#	Paper	IF	Citations
110	Addressing unmet needs for people with cancer cachexia: recommendations from a multistakeholder workshop.. *Journal of Cachexia, Sarcopenia and Muscle*, **2022**,	10.3	3
109	Changes in Serum Myostatin Levels in Alcoholic Hepatitis Correlate with Improvement in MELD. *Digestive Diseases and Sciences*, **2021**, 66, 3062-3073	4	1
108	Profiling of Adipose and Skeletal Muscle in Human Pancreatic Cancer Cachexia Reveals Distinct Gene Profiles with Convergent Pathways. *Cancers*, **2021**, 13,	6.6	2
107	Tumor-derived IL-6 and trans-signaling among tumor, fat, and muscle mediate pancreatic cancer cachexia. *Journal of Experimental Medicine*, **2021**, 218,	16.6	17
106	Combined inhibition of Ref-1 and STAT3 leads to synergistic tumour inhibition in multiple cancers using 3D and in vivo tumour co-culture models. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 784-800	5.6	3
105	Aging-associated skeletal muscle defects in HER2/Neu transgenic mammary tumor model. *JCSM Rapid Communications*, **2021**, 4, 24-39	2.6	3
104	What© New in Shock, February 2021?. *Shock*, **2021**, 55, 143-146	3.4	
103	Hormonally Regulated Myogenic miR-486 Influences Sex-specific Differences in Cancer-induced Skeletal Muscle Defects. *Endocrinology*, **2021**, 162,	4.8	1
102	Nutrition challenges of cancer cachexia.. *Journal of Parenteral and Enteral Nutrition*, **2021**, 45, 16-25	4.2	4
101	Case presentation and panel discussion: Nutrition issues in cancer.. *Journal of Parenteral and Enteral Nutrition*, **2021**, 45, 41-46	4.2	
100	In Vitro, In Vivo, and In Silico Methods for Assessment of Muscle Size and Muscle Growth Regulation. *Shock*, **2020**, 53, 605-615	3.4	2
99	The Combination of Low Skeletal Muscle Mass and High Tumor Interleukin-6 Associates with Decreased Survival in Clear Cell Renal Cell Carcinoma. *Cancers*, **2020**, 12,	6.6	5
98	Formation of colorectal liver metastases induces musculoskeletal and metabolic abnormalities consistent with exacerbated cachexia. *JCI Insight*, **2020**, 5,	9.9	9
97	Sex Differences in Cancer Cachexia. *Current Osteoporosis Reports*, **2020**, 18, 646-654	5.4	17
96	ACVR2B antagonism as a countermeasure to multi-organ perturbations in metastatic colorectal cancer cachexia. *Journal of Cachexia, Sarcopenia and Muscle*, **2020**, 11, 1779-1798	10.3	11
95	Pathological Responses of Cardiac Mitochondria to Burn Trauma. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
94	Identification of Potential Serum Protein Biomarkers and Pathways for Pancreatic Cancer Cachexia Using an Aptamer-Based Discovery Platform. *Cancers*, **2020**, 12,	6.6	7

93	miR-29a Is Repressed by MYC in Pancreatic Cancer and Its Restoration Drives Tumor-Suppressive Effects via Downregulation of LOXL2. *Molecular Cancer Research*, **2020**, 18, 311-323	6.6	12
92	Age- and sex-dependent role of osteocytic pannexin1 on bone and muscle mass and strength. *Scientific Reports*, **2019**, 9, 13903	4.9	4
91	Multimodal Action of Mas Activation for Systemic Cancer Cachexia Therapy. *Cancer Research*, **2019**, 79, 699-700	10.1	1
90	The systemic activin response to pancreatic cancer: implications for effective cancer cachexia therapy. *Journal of Cachexia, Sarcopenia and Muscle*, **2019**, 10, 1083-1101	10.3	28
89	Modelling survival. *ELife*, **2019**, 8,	8.9	1
88	Voluntary Wheel Running Has Beneficial Effects in a Rat Model of CKD-Mineral Bone Disorder (CKD-MBD). *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 1898-1909	12.7	1
87	Pancreas Cancer-Associated Weight Loss. *Oncologist*, **2019**, 24, 691-701	5.7	56
86	Resveratrol Improves Recovery and Survival of Diet-Induced Obese Mice Undergoing Extended Major (80%) Hepatectomy. *Digestive Diseases and Sciences*, **2019**, 64, 93-101	4	3
85	Meloxicam increases epidermal growth factor receptor expression improving survival after hepatic resection in diet-induced obese mice. *Surgery*, **2018**, 163, 1264-1271	3.6	1
84	Circulating monocyte chemoattractant protein-1 (MCP-1) is associated with cachexia in treatment-naïve pancreatic cancer patients. *Journal of Cachexia, Sarcopenia and Muscle*, **2018**, 9, 358-368	10.3	43
83	IL-6 and PD-L1 antibody blockade combination therapy reduces tumour progression in murine models of pancreatic cancer. *Gut*, **2018**, 67, 320-332	19.2	255
82	Three cachexia phenotypes and the impact of fat-only loss on survival in FOLFIRINOX therapy for pancreatic cancer. *Journal of Cachexia, Sarcopenia and Muscle*, **2018**, 9, 673-684	10.3	55
81	Growth of ovarian cancer xenografts causes loss of muscle and bone mass: a new model for the study of cancer cachexia. *Journal of Cachexia, Sarcopenia and Muscle*, **2018**, 9, 685-700	10.3	52
80	GDF11 induces kidney fibrosis, renal cell epithelial-to-mesenchymal transition, and kidney dysfunction and failure. *Surgery*, **2018**, 164, 262-273	3.6	10
79	Sarcopenia is a Significant Predictor of Mortality After Abdominal Aortic Aneurysm Repair. *JCSM Clinical Reports*, **2018**, 3,	1.5	4
78	Sarcopenia is a Significant Predictor of Mortality After Abdominal Aortic Aneurysm Repair. *JCSM Clinical Reports*, **2018**, 3,	1.5	5
77	Deletion of Tumor-derived IL-6 Maintains Muscle Mass and Attenuates Lipolysis with Evidence for soluble IL-6R as a Driver of Pancreatic Cancer Cachexia. *FASEB Journal*, **2018**, 32, 659.8	0.9	
76	An Assessment of the Academic Impact of Shock Society Members. *Shock*, **2018**, 49, 508-513	3.4	1

75	The Role of PhD Faculty in Advancing Research in Departments of Surgery. *Annals of Surgery*, **2017**, 265, 111-115	7.8	15
74	Endangered academia: preserving the pediatric surgeon scientist. *Journal of Pediatric Surgery*, **2017**, 52, 1079-1083	2.6	7
73	Bone Pain and Muscle Weakness in Cancer Patients. *Current Osteoporosis Reports*, **2017**, 15, 76-87	5.4	14
72	Glucocorticoids Induce Bone and Muscle Atrophy by Tissue-Specific Mechanisms Upstream of E3 Ubiquitin Ligases. *Endocrinology*, **2017**, 158, 664-677	4.8	50
71	Pharmacological Dual Inhibition of Tumor and Tumor-Induced Functional Limitations in a Transgenic Model of Breast Cancer. *Molecular Cancer Therapeutics*, **2017**, 16, 2747-2758	6.1	14
70	Exogenous GDF11 induces cardiac and skeletal muscle dysfunction and wasting. *Basic Research in Cardiology*, **2017**, 112, 48	11.8	64
69	Epidermal growth factor receptor restoration rescues the fatty liver regeneration in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2017**, 313, E440-E449	6	11
68	Impact of Integrated Vascular Residencies on Academic Productivity within Vascular Surgery Divisions. *Annals of Vascular Surgery*, **2017**, 39, 242-249	1.7	
67	Vitamin D and VDR in cancer cachexia and muscle regeneration. *Oncotarget*, **2017**, 8, 21778-21793	3.3	27
66	Protecting Ideas: Ethical and Legal Considerations When a Grant© Principal Investigator Changes. *Science and Engineering Ethics*, **2016**, 22, 1051-1061	3.1	1
65	Hypermetabolism and hypercatabolism of skeletal muscle accompany mitochondrial stress following severe burn trauma. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 311, E436-48	6	30
64	The Colon-26 Carcinoma Tumor-bearing Mouse as a Model for the Study of Cancer Cachexia. *Journal of Visualized Experiments*, **2016**,	1.6	49
63	Is there an impending loss of academically productive trauma surgical faculty? An analysis of 4,015 faculty. *Journal of Trauma and Acute Care Surgery*, **2016**, 81, 244-53	3.3	6
62	Understanding the Barriers to Hiring and Promoting Women in Surgical Subspecialties. *Journal of the American College of Surgeons*, **2016**, 223, 387-398.e2	4.4	36
61	STAT3 in the systemic inflammation of cancer cachexia. *Seminars in Cell and Developmental Biology*, **2016**, 54, 28-41	7.5	119
60	Differential Bone Loss in Mouse Models of Colon Cancer Cachexia. *Frontiers in Physiology*, **2016**, 7, 679	4.6	34
59	The MEK-Inhibitor Selumetinib Attenuates Tumor Growth and Reduces IL-6 Expression but Does Not Protect against Muscle Wasting in Lewis Lung Cancer Cachexia. *Frontiers in Physiology*, **2016**, 7, 682	4.6	14
58	Chemotherapy-related cachexia is associated with mitochondrial depletion and the activation of ERK1/2 and p38 MAPKs. *Oncotarget*, **2016**, 7, 43442-43460	3.3	101

57	Cancer and Chemotherapy Contribute to Muscle Loss by Activating Common Signaling Pathways. *Frontiers in Physiology*, **2016**, 7, 472	4.6	99
56	The impact of members of the Society of University Surgeons on the scholarship of American surgery. *Surgery*, **2016**, 160, 47-53	3.6	6
55	Do Plastic Surgery Programs with Integrated Residencies or Subspecialty Fellowships Have Increased Academic Productivity?. *Plastic and Reconstructive Surgery - Global Open*, **2016**, 4, e614	1.2	7
54	The positive association of Association for Academic Surgery membership with academic productivity. *Journal of Surgical Research*, **2016**, 205, 163-8	2.5	7
53	Impact of clinical fellowships on academic productivity in departments of surgery. *Surgery*, **2016**, 160, 1440-1446	3.6	4
52	Current management of gastrointestinal stromal tumors: Surgery, current biomarkers, mutations, and therapy. *Surgery*, **2015**, 158, 1149-64	3.6	45
51	Anti-IL-6 and PD-L1 antibody combination therapy reduces tumor progression in murine models of pancreatic cancer **2015**, 3,		2
50	Have the New Training Pathways Enhanced Academic Productivity in Plastic Surgery?. *Plastic and Reconstructive Surgery*, **2015**, 136, 62	2.7	2
49	Determining the Drivers of Academic Success in Surgery: An Analysis of 3,850 Faculty. *PLoS ONE*, **2015**, 10, e0131678	3.7	42
48	An invitation to the 2nd Cancer Cachexia Conference, Montréal, Canada. *Journal of Cachexia, Sarcopenia and Muscle*, **2014**, 5, 181	10.3	
47	Electronic medical record: a balancing act of patient safety, privacy and health care delivery. *American Journal of the Medical Sciences*, **2014**, 348, 238-43	2.2	12
46	Bone morphogenetic protein-9 inhibits lymphatic vessel formation via activin receptor-like kinase 1 during development and cancer progression. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 18940-5	11.5	77
45	Bone morphogenetic protein 9 (BMP9) controls lymphatic vessel maturation and valve formation. *Blood*, **2013**, 122, 598-607	2.2	107
44	BMP9 and BMP10 are critical for postnatal retinal vascular remodeling. *Blood*, **2012**, 119, 6162-71	2.2	176
43	Inflammation, organomegaly, and muscle wasting despite hyperphagia in a mouse model of burn cachexia. *Journal of Cachexia, Sarcopenia and Muscle*, **2012**, 3, 199-211	10.3	50
42	The influence of Hispanic ethnicity on nonsmall cell lung cancer histology and patient survival: an analysis of the Survival, Epidemiology, and End Results database. *Cancer*, **2012**, 118, 4495-501	6.4	35
41	JAK/STAT3 pathway inhibition blocks skeletal muscle wasting downstream of IL-6 and in experimental cancer cachexia. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 303, E410-21	6	250
40	Hedgehog signaling regulates bladder cancer growth and tumorigenicity. *Cancer Research*, **2012**, 72, 4449-58	10.1	36

39	Increase in muscle mitochondrial biogenesis does not prevent muscle loss but increased tumor size in a mouse model of acute cancer-induced cachexia. *PLoS ONE*, **2012**, 7, e33426	3.7	29
38	Mitochondrial fission induces glycolytic reprogramming in cancer-associated myofibroblasts, driving stromal lactate production, and early tumor growth. *Oncotarget*, **2012**, 3, 798-810	3.3	90
37	Obesity and weight loss at presentation of lung cancer are associated with opposite effects on survival. *Journal of Surgical Research*, **2011**, 170, e75-83	2.5	58
36	STAT3 activation in skeletal muscle links muscle wasting and the acute phase response in cancer cachexia. *PLoS ONE*, **2011**, 6, e22538	3.7	237
35	Is surgical resection superior to transplantation in the treatment of hepatocellular carcinoma?. *Annals of Surgery*, **2011**, 254, 527-37; discussion 537-8	7.8	80
34	Deletion of interleukin-6 improves pyruvate tolerance without altering hepatic insulin signaling in the leptin receptor-deficient mouse. *Metabolism: Clinical and Experimental*, **2011**, 60, 1610-9	12.7	7
33	Leveraging combinatorial chemotherapy to improve outcomes in patients with pancreatic cancer. *Cancer Biology and Therapy*, **2010**, 10, 108-9	4.6	
32	Regulation of muscle mass by follistatin and activins. *Molecular Endocrinology*, **2010**, 24, 1998-2008		191
31	Interleukin-6 is an important in vivo inhibitor of intestinal epithelial cell death in mice. *Gut*, **2010**, 59, 186-96	19.2	74
30	Acute inhibition of myostatin-family proteins preserves skeletal muscle in mouse models of cancer cachexia. *Biochemical and Biophysical Research Communications*, **2010**, 391, 1548-54	3.4	174
29	Perspective: PhD scientists completing medical school in two years: looking at the Miami PhD-to-MD program alumni twenty years later. *Academic Medicine*, **2010**, 85, 687-91	3.9	15
28	Loss of GDF-15 abolishes sulindac chemoprevention in the ApcMin/+ mouse model of intestinal cancer. *Journal of Cancer Research and Clinical Oncology*, **2010**, 136, 571-6	4.9	35
27	A comprehensive evaluation of outcomes for inflammatory breast cancer. *Breast Cancer Research and Treatment*, **2009**, 117, 631-41	4.4	14
26	Body surface area prediction in normal, hypermuscular, and obese mice. *Journal of Surgical Research*, **2009**, 153, 326-31	2.5	66
25	SUS/AAS abstracts: what is the scientific impact?. *Surgery*, **2008**, 144, 322-31	3.6	16
24	Scientific impact of women in academic surgery. *Journal of Surgical Research*, **2008**, 148, 13-6	2.5	36
23	Ethical implications of modifying lethal injection protocols. *PLoS Medicine*, **2008**, 5, e126	11.6	4
22	Effect of in vivo loss of GDF-15 on hepatocellular carcinogenesis. *Journal of Cancer Research and Clinical Oncology*, **2008**, 134, 753-9	4.9	42

21	NAG-1/GDF-15: no evidence for an inhibitory role in colon cancer?. *Gastroenterology*, **2007**, 132, 1204-5; author reply 1205	13.3	3
20	Interleukin-6 inhibits oxidative injury and necrosis after extreme liver resection. *Hepatology*, **2007**, 46, 802-12	11.2	72
19	Physician participation in lethal injection executions. *Current Opinion in Anaesthesiology*, **2007**, 20, 147-51	1.9	11
18	How important is the contribution of surgical specialties to a medical school NIH funding?. *Journal of Surgical Research*, **2007**, 141, 16-21	2.5	14
17	Can lethal injection for execution really be "fixed"?. *Lancet, The*, **2007**, 369, 352-3	40	4
16	Lethal injection for execution: chemical asphyxiation?. *PLoS Medicine*, **2007**, 4, e156	11.6	16
15	Paradoxical effects of short- and long-term interleukin-6 exposure on liver injury and repair. *Hepatology*, **2006**, 43, 474-84	11.2	130
14	Growth differentiation factor-15: induction in liver injury through p53 and tumor necrosis factor-independent mechanisms. *Journal of Surgical Research*, **2006**, 130, 45-51	2.5	51
13	Inadequate anaesthesia in lethal injection for execution. *Lancet, The*, **2005**, 365, 1412-4	40	48
12	Inadequate anaesthesia in lethal injection for execution Authors reply. *Lancet, The*, **2005**, 366, 1074-1076	40	3
11	Growth differentiation factor-15/macrophage inhibitory cytokine-1 induction after kidney and lung injury. *Shock*, **2005**, 23, 543-8	3.4	127
10	Two third-year medical student-level laboratory shock exercises without large animals. *Surgical Infections*, **2004**, 5, 343-8	2	8
9	Massive liver growth in mice induced by systemic interleukin 6 administration. *Hepatology*, **2003**, 38, 326-34	11.2	108
8	Resolving the role of IL-6 in liver regeneration. *Hepatology*, **2003**, 38, 1590-1; author reply 1591	11.2	26
7	Liver regeneration. *Journal of the American College of Surgeons*, **2003**, 197, 634-59	4.4	222
6	Suppressor of cytokine signaling-3 (SOCS-3), a potential mediator of interleukin-6-dependent insulin resistance in hepatocytes. *Journal of Biological Chemistry*, **2003**, 278, 13740-6	5.4	446
5	Chronic exposure to interleukin-6 causes hepatic insulin resistance in mice. *Diabetes*, **2003**, 52, 2784-9	0.9	378
4	Induction of cachexia in mice by systemically administered myostatin. *Science*, **2002**, 296, 1486-8	33.3	742

3	Transient down-regulation of inhibin-betaC expression following partial hepatectomy. *Biochemical and Biophysical Research Communications*, **1997**, 235, 553-6	3.4	39
2	The expression and role of human erythropoietin receptor in erythroid and nonerythroid cells. *Annals of the New York Academy of Sciences*, **1994**, 718, 232-43; discussion 243-4	6.5	2
1	Identification of circulating protein biomarkers for pancreatic cancer cachexia		1