Teresa A Zimmers

List of Publications by Year in descending order

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66234 54797 7,469 133 42 84 citations h-index g-index papers 139 139 139 10103 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Induction of Cachexia in Mice by Systemically Administered Myostatin. Science, 2002, 296, 1486-1488.	6.0	829
2	Suppressor of Cytokine Signaling-3 (SOCS-3), a Potential Mediator of Interleukin-6-dependent Insulin Resistance in Hepatocytes. Journal of Biological Chemistry, 2003, 278, 13740-13746.	1.6	521
3	Chronic Exposure to Interleukin-6 Causes Hepatic Insulin Resistance in Mice. Diabetes, 2003, 52, 2784-2789.	0.3	443
4	IL-6 and PD-L1 antibody blockade combination therapy reduces tumour progression in murine models of pancreatic cancer. Gut, 2018, 67, 320-332.	6.1	381
5	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-E421.	1.8	318
6	STAT3 Activation in Skeletal Muscle Links Muscle Wasting and the Acute Phase Response in Cancer Cachexia. PLoS ONE, 2011, 6, e22538.	1.1	284
7	Liver regeneration. Journal of the American College of Surgeons, 2003, 197, 634-659.	0.2	236
8	Regulation of Muscle Mass by Follistatin and Activins. Molecular Endocrinology, 2010, 24, 1998-2008.	3.7	234
9	BMP9 and BMP10 are critical for postnatal retinal vascular remodeling. Blood, 2012, 119, 6162-6171.	0.6	206
10	Acute inhibition of myostatin-family proteins preserves skeletal muscle in mouse models of cancer cachexia. Biochemical and Biophysical Research Communications, 2010, 391, 1548-1554.	1.0	204
11	STAT3 in the systemic inflammation of cancer cachexia. Seminars in Cell and Developmental Biology, 2016, 54, 28-41.	2.3	171
12	Paradoxical effects of short- and long-term interleukin-6 exposure on liver injury and repair. Hepatology, 2006, 43, 474-484.	3.6	151
13	Chemotherapy-related cachexia is associated with mitochondrial depletion and the activation of ERK1/2 and p38 MAPKs. Oncotarget, 2016, 7, 43442-43460.	0.8	145
14	Growth differentiation factor-15/macrophage inhibitory cytokine-1 induction after kidney and lung injury. Shock, 2005, 23, 543-8.	1.0	142
15	Cancer and Chemotherapy Contribute to Muscle Loss by Activating Common Signaling Pathways. Frontiers in Physiology, 2016, 7, 472.	1.3	138
16	Bone morphogenetic protein 9 (BMP9) controls lymphatic vessel maturation and valve formation. Blood, 2013, 122, 598-607.	0.6	121
17	Massive liver growth in mice induced by systemic interleukin 6 administration. Hepatology, 2003, 38, 326-334.	3.6	120
18	Mitochondrial Fission Induces Glycolytic Reprogramming in Cancer-Associated Myofibroblasts, Driving Stromal Lactate Production, and Early Tumor Growth. Oncotarget, 2012, 3, 798-810.	0.8	112

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19	Pancreas Cancer-Associated Weight Loss. Oncologist, 2019, 24, 691-701.	1.9	99
20	Three cachexia phenotypes and the impact of fatâ€only loss on survival in FOLFIRINOX therapy for pancreatic cancer. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 673-684.	2.9	98
21	Is Surgical Resection Superior to Transplantation in the Treatment of Hepatocellular Carcinoma?. Annals of Surgery, 2011, 254, 527-538.	2.1	96
22	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, 18940-18945.	3.3	95
23	Tumor-derived IL-6 and trans-signaling among tumor, fat, and muscle mediate pancreatic cancer cachexia. Journal of Experimental Medicine, 2021, 218, .	4.2	89
24	Obesity and Weight Loss at Presentation of Lung Cancer are Associated with Opposite Effects on Survival. Journal of Surgical Research, 2011, 170, e75-e83.	0.8	85
25	Interleukin-6 is an important in vivo inhibitor of intestinal epithelial cell death in mice. Gut, 2010, 59, 186-196.	6.1	84
26	Body Surface Area Prediction in Normal, Hypermuscular, and Obese Mice. Journal of Surgical Research, 2009, 153, 326-331.	0.8	79
27	Exogenous GDF11 induces cardiac and skeletal muscle dysfunction and wasting. Basic Research in Cardiology, 2017, 112, 48.	2.5	78
28	Inadequate anaesthesia in lethal injection for execution. Lancet, The, 2005, 365, 1412-1414.	6.3	77
29	Interleukin-6 inhibits oxidative injury and necrosis after extreme liver resection. Hepatology, 2007, 46, 802-812.	3.6	76
30	The Colon-26 Carcinoma Tumor-bearing Mouse as a Model for the Study of Cancer Cachexia. Journal of Visualized Experiments, 2016, , .	0.2	75
31	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.	2.9	74
32	Circulating monocyte chemoattractant proteinâ€1 (MCPâ€1) is associated with cachexia in treatmentâ€naÃ⁻ve pancreatic cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 358-368.	2.9	73
33	Understanding the Barriers to Hiring and Promoting Women in Surgical Subspecialties. Journal of the American College of Surgeons, 2016, 223, 387-398e2.	0.2	66
34	Glucocorticoids Induce Bone and Muscle Atrophy by Tissue-Specific Mechanisms Upstream of E3 Ubiquitin Ligases. Endocrinology, 2017, 158, 664-677.	1.4	66
35	Growth Differentiation Factor-15: Induction in Liver Injury Through p53 and Tumor Necrosis Factor-Independent Mechanisms1. Journal of Surgical Research, 2006, 130, 45-51.	0.8	60
36	Inflammation, organomegaly, and muscle wasting despite hyperphagia in a mouse model of burn cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2012, 3, 199-211.	2.9	58

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37	Current management ofÂgastrointestinal stromal tumors: Surgery, current biomarkers, mutations, and therapy. Surgery, 2015, 158, 1149-1164.	1.0	52
38	Sex Differences in Cancer Cachexia. Current Osteoporosis Reports, 2020, 18, 646-654.	1,5	49
39	Determining the Drivers of Academic Success in Surgery: An Analysis of 3,850 Faculty. PLoS ONE, 2015, 10, e0131678.	1.1	48
40	The systemic activin response to pancreatic cancer: implications for effective cancer cachexia therapy. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 1083-1101.	2.9	46
41	Differential Bone Loss in Mouse Models of Colon Cancer Cachexia. Frontiers in Physiology, 2016, 7, 679.	1.3	44
42	Effect of in vivo loss of GDF-15 on hepatocellular carcinogenesis. Journal of Cancer Research and Clinical Oncology, 2008, 134, 753-759.	1.2	43
43	Hedgehog Signaling Regulates Bladder Cancer Growth and Tumorigenicity. Cancer Research, 2012, 72, 4449-4458.	0.4	43
44	Scientific Impact of Women in Academic Surgery. Journal of Surgical Research, 2008, 148, 13-16.	0.8	42
45	The influence of Hispanic ethnicity on nonsmall cell lung cancer histology and patient survival. Cancer, 2012, 118, 4495-4501.	2.0	42
46	Transient Down-regulation of Inhibin- \hat{l}^2 C Expression Following Partial Hepatectomy. Biochemical and Biophysical Research Communications, 1997, 235, 553-556.	1.0	40
47	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.	1.1	38
48	Vitamin D and VDR in cancer cachexia and muscle regeneration. Oncotarget, 2017, 8, 21778-21793.	0.8	37
49	Loss of GDF-15 abolishes Sulindac chemoprevention in the ApcMin/+ mouse model of intestinal cancer. Journal of Cancer Research and Clinical Oncology, 2010, 136, 571-576.	1,2	36
50	Hypermetabolism and hypercatabolism of skeletal muscle accompany mitochondrial stress following severe burn trauma. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E436-E448.	1.8	36
51	Sex specificity of pancreatic cancer cachexia phenotypes, mechanisms, and treatment in mice and humans: role of Activin. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 2146-2161.	2.9	31
52	Resolving the role of IL-6 in liver regeneration. Hepatology, 2003, 38, 1590-1591.	3.6	28
53	Identification of Potential Serum Protein Biomarkers and Pathways for Pancreatic Cancer Cachexia Using an Aptamer-Based Discovery Platform. Cancers, 2020, 12, 3787.	1.7	27
54	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.	1,5	27

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55	ACVR2B antagonism as a countermeasure to multiâ€organ perturbations in metastatic colorectal cancer cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1779-1798.	2.9	26
56	Lethal Injection for Execution: Chemical Asphyxiation?. PLoS Medicine, 2007, 4, e156.	3.9	25
57	Bone Pain and Muscle Weakness in Cancer Patients. Current Osteoporosis Reports, 2017, 15, 76-87.	1.5	23
58	Epidermal growth factor receptor restoration rescues the fatty liver regeneration in mice. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E440-E449.	1.8	20
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.	1.3	20
60	Formation of colorectal liver metastases induces musculoskeletal and metabolic abnormalities consistent with exacerbated cachexia. JCI Insight, 2020, 5, .	2.3	20
61	Pharmacological Dual Inhibition of Tumor and Tumor-Induced Functional Limitations in a Transgenic Model of Breast Cancer. Molecular Cancer Therapeutics, 2017, 16, 2747-2758.	1.9	19
62	Addressing unmet needs for people with cancer cachexia: recommendations from a multistakeholder workshop. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1418-1425.	2.9	19
63	STAT3 in tumor fibroblasts promotes an immunosuppressive microenvironment in pancreatic cancer. Life Science Alliance, 2022, 5, e202201460.	1.3	19
64	SUS/AAS abstracts: what is the scientific impact?. Surgery, 2008, 144, 322-331.	1.0	18
65	Electronic Medical Record: A Balancing Act of Patient Safety Privacy Health Care Delivery. American Journal of the Medical Sciences, 2014, 348, 238-243.	0.4	18
66	The Role of PhD Faculty in Advancing Research in Departments of Surgery. Annals of Surgery, 2017, 265, 111-115.	2.1	18
67	GDF11 induces kidney fibrosis, renal cell epithelial-to-mesenchymal transition, and kidney dysfunction and failure. Surgery, 2018, 164, 262-273.	1.0	18
68	A comprehensive evaluation of outcomes for inflammatory breast cancer. Breast Cancer Research and Treatment, 2009, 117, 631-641.	1.1	17
69	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, 687-691.	0.8	16
70	Physician participation in lethal injection executions. Current Opinion in Anaesthesiology, 2007, 20, 147-151.	0.9	14
71	How Important Is the Contribution of Surgical Specialties to a Medical School's NIH Funding?. Journal of Surgical Research, 2007, 141, 16-21.	0.8	14
72	RANKL Blockade Reduces Cachexia and Bone Loss Induced by Non-Metastatic Ovarian Cancer in Mice. Journal of Bone and Mineral Research, 2020, 37, 381-396.	3.1	13

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73	Age- and sex-dependent role of osteocytic pannexin1 on bone and muscle mass and strength. Scientific Reports, 2019, 9, 13903.	1.6	12
74	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, 1605.	1.7	12
75	Nutrition challenges of cancer cachexia. Journal of Parenteral and Enteral Nutrition, 2021, 45, 16-25.	1.3	12
76	Endangered academia: preserving the pediatric surgeon scientist. Journal of Pediatric Surgery, 2017, 52, 1079-1083.	0.8	10
77	Two Third-Year Medical Student–Level Laboratory Shock Exercises without Large Animals. Surgical Infections, 2004, 5, 343-348.	0.7	9
78	Deletion of interleukin-6 improves pyruvate tolerance without altering hepatic insulin signaling in the leptin receptor–deficient mouse. Metabolism: Clinical and Experimental, 2011, 60, 1610-1619.	1.5	9
79	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.	3.0	9
80	Combined inhibition of Refâ€1 and STAT3 leads to synergistic tumour inhibition in multiple cancers using 3D and in vivo tumour coâ€culture models. Journal of Cellular and Molecular Medicine, 2021, 25, 784-800.	1.6	9
81	Profiling of Adipose and Skeletal Muscle in Human Pancreatic Cancer Cachexia Reveals Distinct Gene Profiles with Convergent Pathways. Cancers, 2021, 13, 1975.	1.7	9
82	Do Plastic Surgery Programs with Integrated Residencies or Subspecialty Fellowships Have Increased Academic Productivity?. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e614.	0.3	8
83	In Vitro, In Vivo, and In Silico Methods for Assessment of Muscle Size and Muscle Growth Regulation. Shock, 2020, 53, 605-615.	1.0	8
84	Sarcopenia is a Significant Predictor of Mortality After Abdominal Aortic Aneurysm Repair. JCSM Clinical Reports, 2018, 3, 1-12.	0.5	8
85	The positive association of Association for Academic Surgery membership with academic productivity. Journal of Surgical Research, 2016, 205, 163-168.	0.8	7
86	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, 244-253.	1.1	7
87	Pathological Responses of Cardiac Mitochondria to Burn Trauma. International Journal of Molecular Sciences, 2020, 21, 6655.	1.8	7
88	Epidermal PPARÎ ³ Is a Key Homeostatic Regulator of Cutaneous Inflammation and Barrier Function in Mouse Skin. International Journal of Molecular Sciences, 2021, 22, 8634.	1.8	7
89	The impact of members of the Society of University Surgeons onÂthe scholarship of American surgery. Surgery, 2016, 160, 47-53.	1.0	6
90	Impact of clinical fellowships on academic productivity in departments of surgery. Surgery, 2016, 160, 1440-1446.	1.0	6

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91	Activin A Causes Muscle Atrophy through MEF2C-Dependent Impaired Myogenesis. Cells, 2022, 11, 1119.	1.8	6
92	Inadequate anaesthesia in lethal injection for execution – Authors' reply. Lancet, The, 2005, 366, 1074-1076.	6.3	5
93	Ethical Implications of Modifying Lethal Injection Protocols. PLoS Medicine, 2008, 5, e126.	3.9	5
94	Resveratrol Improves Recovery and Survival of Diet-Induced Obese Mice Undergoing Extended Major (80%) Hepatectomy. Digestive Diseases and Sciences, 2019, 64, 93-101.	1.1	5
95	Agingâ€associated skeletal muscle defects in HER2/Neu transgenic mammary tumour model. JCSM Rapid Communications, 2021, 4, 24-39.	0.6	5
96	Sarcopenia is a Significant Predictor of Mortality After Abdominal Aortic Aneurysm Repair. JCSM Clinical Reports, 2018, 3, .	0.5	5
97	Can lethal injection for execution really be "fixed�. Lancet, The, 2007, 369, 352-353.	6.3	4
98	Anti-IL-6 and PD-L1 antibody combination therapy reduces tumor progression in murine models of pancreatic cancer. , $2015, 3, .$		4
99	Hormonally Regulated Myogenic miR-486 Influences Sex-specific Differences in Cancer-induced Skeletal Muscle Defects. Endocrinology, 2021, 162, .	1.4	4
100	NAG-1/GDF-15: No Evidence for an Inhibitory Role in Colon Cancer?. Gastroenterology, 2007, 132, 1204-1205.	0.6	3
101	The Expression and Role of Human Erythropoietin Receptor in Erythroid and Nonerythroid Cells. Annals of the New York Academy of Sciences, 1994, 718, 232-244.	1.8	3
102	Multimodal Action of Mas Activation for Systemic Cancer Cachexia Therapy. Cancer Research, 2019, 79, 699-700.	0.4	3
103	Have the New Training Pathways Enhanced Academic Productivity in Plastic Surgery?. Plastic and Reconstructive Surgery, 2015, 136, 62.	0.7	2
104	Changes in Serum Myostatin Levels in Alcoholic Hepatitis Correlate with Improvement in MELD. Digestive Diseases and Sciences, 2021, 66, 3062-3073.	1.1	2
105	The Influence of Latino Ethnicity on the Outcomes for Patients with Non-small Cell Lung Cancer: An Analysis of the Survival, Epidemiology, and End Results (SEER) Database. International Journal of Radiation Oncology Biology Physics, 2011, 81, S597.	0.4	1
106	Determining the Drivers of Academic Success in Surgery: An Analysis of 3,850 Faculty. Journal of the American College of Surgeons, 2015, 221, S123.	0.2	1
107	Protecting Ideas: Ethical and Legal Considerations When a Grant's Principal Investigator Changes. Science and Engineering Ethics, 2016, 22, 1051-1061.	1.7	1
108	Impact of Integrated Vascular Residencies on Academic Productivity within Vascular Surgery Divisions. Annals of Vascular Surgery, 2017, 39, 242-249.	0.4	1

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109	Meloxicam increases epidermal growth factor receptor expression improving survival after hepatic resection in diet-induced obese mice. Surgery, 2018, 163, 1264-1271.	1.0	1
110	An Assessment of the Academic Impact of Shock Society Members. Shock, 2018, 49, 508-513.	1.0	1
111	Abstract 2657: Sex differences in pancreatic cancer cachexia manifestations and mechanisms in mice and humans: Role of activin. Cancer Research, 2021, 81, 2657-2657.	0.4	1
112	Modelling survival. ELife, 2019, 8, .	2.8	1
113	Massive liver growth induced by interleukin-6 overexpression in mice. Journal of Hepatology, 2002, 36, 81.	1.8	0
114	GDF-15 mediates the anti-tumorigenic effects of NSAIDs in intestinal cancers. Journal of the American College of Surgeons, 2007, 205, S37.	0.2	0
115	Regulation of Muscle Mass by Follistatin and Activins. Endocrine Reviews, 2010, 31, 776-776.	8.9	0
116	Leveraging combinatorial chemotherapy to improve outcomes in patients with pancreatic cancer. Cancer Biology and Therapy, 2010, 10, 108-109.	1.5	0
117	An invitation to the 2nd Cancer Cachexia Conference, Montréal, Canada. Journal of Cachexia, Sarcopenia and Muscle, 2014, 5, 181-181.	2.9	0
118	What are the barriers to hiring and promoting women in surgery?. Journal of the American College of Surgeons, 2015, 221, e76-e77.	0.2	0
119	What's New in Shock, July 2019?. Shock, 2019, 52, 1-4.	1.0	0
120	Editorial: Highlights from the 2020 virtual cancer cachexia conference. Current Opinion in Supportive and Palliative Care, 2021, 15, 48-49.	0.5	0
121	What's New in Shock, February 2021?. Shock, 2021, 55, 143-146.	1.0	0
122	Abstract 133: Skeletal muscle transcriptome profiling of human pancreatic cancer cachexia: single largest study in cachexia. , 2021, , .		0
123	Abstract 969: PKC-theta modulates myosteatosis, muscle function, atrophy, and survival in murine pancreatic ductal adenocarcinoma. , 2021 , , .		0
124	Abstract 5101: Acute inhibition of myostatin-family proteins preserves muscle in cancer cachexia. , 2010, , .		0
125	Abstract A6: The ES-2 ovarian cancer causes muscle wasting in vitro and in vivo: A novel experimental model of cancer cachexia. , 2013, , .		О
126	Abstract B35: Molecular and phenotypic profiling of pancreatic cancer cachexia in novel murine models and patients. , 2016, , .		0

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127	Abstract P6-15-03: Dual targeting of mammary tumors and tumor-associated functional limitations through inhibition of NF-kB. , 2017, , .		O
128	Deletion of Tumorâ€derived ILâ€6 Maintains Muscle Mass and Attenuates Lipolysis with Evidence for soluble ILâ€6Rα as a Driver of Pancreatic Cancer Cachexia. FASEB Journal, 2018, 32, 659.8.	0.2	0
129	Association Between IL6R Polymorphisms and Cachexia Phenotype in Patients with Pancreatic Ductal Adenocarcinoma. Proceedings of IMPRS, 2019, 2, .	0.0	0
130	Abstract 2644: Oncostatin M in pancreatic cancer tumor microenvironment., 2020,,.		0
131	Assessment of Cachexia Markers in the TCGA-LIHC Cohort of Patients with Hepatocellular Carcinoma. Proceedings of IMPRS, 0, 3, .	0.0	0
132	Characterizing Muscle Phenotype and Prognosis in Patients with Multiple Myeloma. Proceedings of IMPRS, 0, 3, .	0.0	0
133	Case presentation and panel discussion: Nutrition issues in cancer. Journal of Parenteral and Enteral Nutrition, 2021, 45, 41-46.	1.3	0