

Teresa A Zimmers

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1375736/teresa-a-zimmers-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Induction of cachexia in mice by systemically administered myostatin. <i>Science</i> , 2002 , 296, 1486-8	33.3	742
109	Suppressor of cytokine signaling-3 (SOCS-3), a potential mediator of interleukin-6-dependent insulin resistance in hepatocytes. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13740-6	5.4	446
108	Chronic exposure to interleukin-6 causes hepatic insulin resistance in mice. <i>Diabetes</i> , 2003 , 52, 2784-9	0.9	378
107	IL-6 and PD-L1 antibody blockade combination therapy reduces tumour progression in murine models of pancreatic cancer. <i>Gut</i> , 2018 , 67, 320-332	19.2	255
106	JAK/STAT3 pathway inhibition blocks skeletal muscle wasting downstream of IL-6 and in experimental cancer cachexia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E410-21	6	250
105	STAT3 activation in skeletal muscle links muscle wasting and the acute phase response in cancer cachexia. <i>PLoS ONE</i> , 2011 , 6, e22538	3.7	237
104	Liver regeneration. <i>Journal of the American College of Surgeons</i> , 2003 , 197, 634-59	4.4	222
103	Regulation of muscle mass by follistatin and activins. <i>Molecular Endocrinology</i> , 2010 , 24, 1998-2008		191
102	BMP9 and BMP10 are critical for postnatal retinal vascular remodeling. <i>Blood</i> , 2012 , 119, 6162-71	2.2	176
101	Acute inhibition of myostatin-family proteins preserves skeletal muscle in mouse models of cancer cachexia. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 391, 1548-54	3.4	174
100	Paradoxical effects of short- and long-term interleukin-6 exposure on liver injury and repair. <i>Hepatology</i> , 2006 , 43, 474-84	11.2	130
99	Growth differentiation factor-15/macrophage inhibitory cytokine-1 induction after kidney and lung injury. <i>Shock</i> , 2005 , 23, 543-8	3.4	127
98	STAT3 in the systemic inflammation of cancer cachexia. <i>Seminars in Cell and Developmental Biology</i> , 2016 , 54, 28-41	7.5	119
97	Massive liver growth in mice induced by systemic interleukin 6 administration. <i>Hepatology</i> , 2003 , 38, 326-34	11.2	108
96	Bone morphogenetic protein 9 (BMP9) controls lymphatic vessel maturation and valve formation. <i>Blood</i> , 2013 , 122, 598-607	2.2	107
95	Chemotherapy-related cachexia is associated with mitochondrial depletion and the activation of ERK1/2 and p38 MAPKs. <i>Oncotarget</i> , 2016 , 7, 43442-43460	3.3	101
94	Cancer and Chemotherapy Contribute to Muscle Loss by Activating Common Signaling Pathways. <i>Frontiers in Physiology</i> , 2016 , 7, 472	4.6	99

93	Mitochondrial fission induces glycolytic reprogramming in cancer-associated myofibroblasts, driving stromal lactate production, and early tumor growth. <i>Oncotarget</i> , 2012 , 3, 798-810	3.3	90
92	Is surgical resection superior to transplantation in the treatment of hepatocellular carcinoma?. <i>Annals of Surgery</i> , 2011 , 254, 527-37; discussion 537-8	7.8	80
91	Bone morphogenetic protein-9 inhibits lymphatic vessel formation via activin receptor-like kinase 1 during development and cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 18940-5	11.5	77
90	Interleukin-6 is an important in vivo inhibitor of intestinal epithelial cell death in mice. <i>Gut</i> , 2010 , 59, 186-96	19.2	74
89	Interleukin-6 inhibits oxidative injury and necrosis after extreme liver resection. <i>Hepatology</i> , 2007 , 46, 802-12	11.2	72
88	Body surface area prediction in normal, hypermuscular, and obese mice. <i>Journal of Surgical Research</i> , 2009 , 153, 326-31	2.5	66
87	Exogenous GDF11 induces cardiac and skeletal muscle dysfunction and wasting. <i>Basic Research in Cardiology</i> , 2017 , 112, 48	11.8	64
86	Obesity and weight loss at presentation of lung cancer are associated with opposite effects on survival. <i>Journal of Surgical Research</i> , 2011 , 170, e75-83	2.5	58
85	Pancreas Cancer-Associated Weight Loss. <i>Oncologist</i> , 2019 , 24, 691-701	5.7	56
84	Three cachexia phenotypes and the impact of fat-only loss on survival in FOLFIRINOX therapy for pancreatic cancer. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018 , 9, 673-684	10.3	55
83	Growth of ovarian cancer xenografts causes loss of muscle and bone mass: a new model for the study of cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018 , 9, 685-700	10.3	52
82	Growth differentiation factor-15: induction in liver injury through p53 and tumor necrosis factor-independent mechanisms. <i>Journal of Surgical Research</i> , 2006 , 130, 45-51	2.5	51
81	Glucocorticoids Induce Bone and Muscle Atrophy by Tissue-Specific Mechanisms Upstream of E3 Ubiquitin Ligases. <i>Endocrinology</i> , 2017 , 158, 664-677	4.8	50
80	Inflammation, organomegaly, and muscle wasting despite hyperphagia in a mouse model of burn cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2012 , 3, 199-211	10.3	50
79	The Colon-26 Carcinoma Tumor-bearing Mouse as a Model for the Study of Cancer Cachexia. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	49
78	Inadequate anaesthesia in lethal injection for execution. <i>Lancet, The</i> , 2005 , 365, 1412-4	4.0	48
77	Current management of gastrointestinal stromal tumors: Surgery, current biomarkers, mutations, and therapy. <i>Surgery</i> , 2015 , 158, 1149-64	3.6	45
76	Circulating monocyte chemoattractant protein-1 (MCP-1) is associated with cachexia in treatment-naïve pancreatic cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018 , 9, 358-368	10.3	43

75	Effect of in vivo loss of GDF-15 on hepatocellular carcinogenesis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2008 , 134, 753-9	4.9	42
74	Determining the Drivers of Academic Success in Surgery: An Analysis of 3,850 Faculty. <i>PLoS ONE</i> , 2015 , 10, e0131678	3.7	42
73	Transient down-regulation of inhibin-betaC expression following partial hepatectomy. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 235, 553-6	3.4	39
72	Understanding the Barriers to Hiring and Promoting Women in Surgical Subspecialties. <i>Journal of the American College of Surgeons</i> , 2016 , 223, 387-398.e2	4.4	36
71	Hedgehog signaling regulates bladder cancer growth and tumorigenicity. <i>Cancer Research</i> , 2012 , 72, 4449-58	10.1	36
70	Scientific impact of women in academic surgery. <i>Journal of Surgical Research</i> , 2008 , 148, 13-6	2.5	36
69	The influence of Hispanic ethnicity on nonsmall cell lung cancer histology and patient survival: an analysis of the Survival, Epidemiology, and End Results database. <i>Cancer</i> , 2012 , 118, 4495-501	6.4	35
68	Loss of GDF-15 abolishes sulindac chemoprevention in the ApcMin/+ mouse model of intestinal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2010 , 136, 571-6	4.9	35
67	Differential Bone Loss in Mouse Models of Colon Cancer Cachexia. <i>Frontiers in Physiology</i> , 2016 , 7, 679	4.6	34
66	Hypermetabolism and hypercatabolism of skeletal muscle accompany mitochondrial stress following severe burn trauma. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E436-48	6	30
65	Increase in muscle mitochondrial biogenesis does not prevent muscle loss but increased tumor size in a mouse model of acute cancer-induced cachexia. <i>PLoS ONE</i> , 2012 , 7, e33426	3.7	29
64	The systemic activin response to pancreatic cancer: implications for effective cancer cachexia therapy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 1083-1101	10.3	28
63	Vitamin D and VDR in cancer cachexia and muscle regeneration. <i>Oncotarget</i> , 2017 , 8, 21778-21793	3.3	27
62	Resolving the role of IL-6 in liver regeneration. <i>Hepatology</i> , 2003 , 38, 1590-1; author reply 1591	11.2	26
61	Sex Differences in Cancer Cachexia. <i>Current Osteoporosis Reports</i> , 2020 , 18, 646-654	5.4	17
60	Tumor-derived IL-6 and trans-signaling among tumor, fat, and muscle mediate pancreatic cancer cachexia. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	17
59	SUS/AAS abstracts: what is the scientific impact?. <i>Surgery</i> , 2008 , 144, 322-31	3.6	16
58	Lethal injection for execution: chemical asphyxiation?. <i>PLoS Medicine</i> , 2007 , 4, e156	11.6	16

57	The Role of PhD Faculty in Advancing Research in Departments of Surgery. <i>Annals of Surgery</i> , 2017 , 265, 111-115	7.8	15
56	Perspective: PhD scientists completing medical school in two years: looking at the Miami PhD-to-MD program alumni twenty years later. <i>Academic Medicine</i> , 2010 , 85, 687-91	3.9	15
55	Bone Pain and Muscle Weakness in Cancer Patients. <i>Current Osteoporosis Reports</i> , 2017 , 15, 76-87	5.4	14
54	Pharmacological Dual Inhibition of Tumor and Tumor-Induced Functional Limitations in a Transgenic Model of Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2747-2758	6.1	14
53	The MEK-Inhibitor Selumetinib Attenuates Tumor Growth and Reduces IL-6 Expression but Does Not Protect against Muscle Wasting in Lewis Lung Cancer Cachexia. <i>Frontiers in Physiology</i> , 2016 , 7, 682	4.6	14
52	A comprehensive evaluation of outcomes for inflammatory breast cancer. <i>Breast Cancer Research and Treatment</i> , 2009 , 117, 631-41	4.4	14
51	How important is the contribution of surgical specialties to a medical school's NIH funding?. <i>Journal of Surgical Research</i> , 2007 , 141, 16-21	2.5	14
50	Electronic medical record: a balancing act of patient safety, privacy and health care delivery. <i>American Journal of the Medical Sciences</i> , 2014 , 348, 238-43	2.2	12
49	miR-29a Is Repressed by MYC in Pancreatic Cancer and Its Restoration Drives Tumor-Suppressive Effects via Downregulation of LOXL2. <i>Molecular Cancer Research</i> , 2020 , 18, 311-323	6.6	12
48	Epidermal growth factor receptor restoration rescues the fatty liver regeneration in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 313, E440-E449	6	11
47	Physician participation in lethal injection executions. <i>Current Opinion in Anaesthesiology</i> , 2007 , 20, 147-51	5.9	11
46	ACVR2B antagonism as a countermeasure to multi-organ perturbations in metastatic colorectal cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 1779-1798	10.3	11
45	GDF11 induces kidney fibrosis, renal cell epithelial-to-mesenchymal transition, and kidney dysfunction and failure. <i>Surgery</i> , 2018 , 164, 262-273	3.6	10
44	Formation of colorectal liver metastases induces musculoskeletal and metabolic abnormalities consistent with exacerbated cachexia. <i>JCI Insight</i> , 2020 , 5,	9.9	9
43	Two third-year medical student-level laboratory shock exercises without large animals. <i>Surgical Infections</i> , 2004 , 5, 343-8	2	8
42	Endangered academia: preserving the pediatric surgeon scientist. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 1079-1083	2.6	7
41	Deletion of interleukin-6 improves pyruvate tolerance without altering hepatic insulin signaling in the leptin receptor-deficient mouse. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 1610-9	12.7	7
40	Identification of Potential Serum Protein Biomarkers and Pathways for Pancreatic Cancer Cachexia Using an Aptamer-Based Discovery Platform. <i>Cancers</i> , 2020 , 12,	6.6	7

39	Do Plastic Surgery Programs with Integrated Residencies or Subspecialty Fellowships Have Increased Academic Productivity?. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016 , 4, e614	1.2	7
38	The positive association of Association for Academic Surgery membership with academic productivity. <i>Journal of Surgical Research</i> , 2016 , 205, 163-8	2.5	7
37	Is there an impending loss of academically productive trauma surgical faculty? An analysis of 4,015 faculty. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 81, 244-53	3.3	6
36	The impact of members of the Society of University Surgeons on the scholarship of American surgery. <i>Surgery</i> , 2016 , 160, 47-53	3.6	6
35	The Combination of Low Skeletal Muscle Mass and High Tumor Interleukin-6 Associates with Decreased Survival in Clear Cell Renal Cell Carcinoma. <i>Cancers</i> , 2020 , 12,	6.6	5
34	Sarcopenia is a Significant Predictor of Mortality After Abdominal Aortic Aneurysm Repair. <i>JCSM Clinical Reports</i> , 2018 , 3,	1.5	5
33	Age- and sex-dependent role of osteocytic pannexin1 on bone and muscle mass and strength. <i>Scientific Reports</i> , 2019 , 9, 13903	4.9	4
32	Ethical implications of modifying lethal injection protocols. <i>PLoS Medicine</i> , 2008 , 5, e126	11.6	4
31	Can lethal injection for execution really be "fixed"?. <i>Lancet, The</i> , 2007 , 369, 352-3	4.0	4
30	Sarcopenia is a Significant Predictor of Mortality After Abdominal Aortic Aneurysm Repair. <i>JCSM Clinical Reports</i> , 2018 , 3,	1.5	4
29	Impact of clinical fellowships on academic productivity in departments of surgery. <i>Surgery</i> , 2016 , 160, 1440-1446	3.6	4
28	Nutrition challenges of cancer cachexia.. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 , 45, 16-25	4.2	4
27	NAG-1/GDF-15: no evidence for an inhibitory role in colon cancer?. <i>Gastroenterology</i> , 2007 , 132, 1204-5; author reply 1205	13.3	3
26	Inadequate anaesthesia in lethal injection for execution [AuthorsReply]. <i>Lancet, The</i> , 2005 , 366, 1074-1076	4.0	3
25	Resveratrol Improves Recovery and Survival of Diet-Induced Obese Mice Undergoing Extended Major (80%) Hepatectomy. <i>Digestive Diseases and Sciences</i> , 2019 , 64, 93-101	4	3
24	Combined inhibition of Ref-1 and STAT3 leads to synergistic tumour inhibition in multiple cancers using 3D and in vivo tumour co-culture models. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 784-800	5.6	3
23	Aging-associated skeletal muscle defects in HER2/Neu transgenic mammary tumor model. <i>JCSM Rapid Communications</i> , 2021 , 4, 24-39	2.6	3
22	Addressing unmet needs for people with cancer cachexia: recommendations from a multistakeholder workshop.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	3

21	In Vitro, In Vivo, and In Silico Methods for Assessment of Muscle Size and Muscle Growth Regulation. <i>Shock</i> , 2020 , 53, 605-615	3.4	2
20	Anti-IL-6 and PD-L1 antibody combination therapy reduces tumor progression in murine models of pancreatic cancer 2015 , 3,		2
19	Have the New Training Pathways Enhanced Academic Productivity in Plastic Surgery?. <i>Plastic and Reconstructive Surgery</i> , 2015 , 136, 62	2.7	2
18	The expression and role of human erythropoietin receptor in erythroid and nonerythroid cells. <i>Annals of the New York Academy of Sciences</i> , 1994 , 718, 232-43; discussion 243-4	6.5	2
17	Profiling of Adipose and Skeletal Muscle in Human Pancreatic Cancer Cachexia Reveals Distinct Gene Profiles with Convergent Pathways. <i>Cancers</i> , 2021 , 13,	6.6	2
16	Protecting Ideas: Ethical and Legal Considerations When a Grant Principal Investigator Changes. <i>Science and Engineering Ethics</i> , 2016 , 22, 1051-1061	3.1	1
15	Multimodal Action of Mas Activation for Systemic Cancer Cachexia Therapy. <i>Cancer Research</i> , 2019 , 79, 699-700	10.1	1
14	Meloxicam increases epidermal growth factor receptor expression improving survival after hepatic resection in diet-induced obese mice. <i>Surgery</i> , 2018 , 163, 1264-1271	3.6	1
13	Modelling survival. <i>ELife</i> , 2019 , 8,	8.9	1
12	Identification of circulating protein biomarkers for pancreatic cancer cachexia		1
11	Changes in Serum Myostatin Levels in Alcoholic Hepatitis Correlate with Improvement in MELD. <i>Digestive Diseases and Sciences</i> , 2021 , 66, 3062-3073	4	1
10	Pathological Responses of Cardiac Mitochondria to Burn Trauma. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
9	Voluntary Wheel Running Has Beneficial Effects in a Rat Model of CKD-Mineral Bone Disorder (CKD-MBD). <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1898-1909	12.7	1
8	An Assessment of the Academic Impact of Shock Society Members. <i>Shock</i> , 2018 , 49, 508-513	3.4	1
7	Hormonally Regulated Myogenic miR-486 Influences Sex-specific Differences in Cancer-induced Skeletal Muscle Defects. <i>Endocrinology</i> , 2021 , 162,	4.8	1
6	Impact of Integrated Vascular Residencies on Academic Productivity within Vascular Surgery Divisions. <i>Annals of Vascular Surgery</i> , 2017 , 39, 242-249	1.7	
5	An invitation to the 2nd Cancer Cachexia Conference, Montréal, Canada. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2014 , 5, 181	10.3	
4	Leveraging combinatorial chemotherapy to improve outcomes in patients with pancreatic cancer. <i>Cancer Biology and Therapy</i> , 2010 , 10, 108-9	4.6	

3	Deletion of Tumor-derived IL-6 Maintains Muscle Mass and Attenuates Lipolysis with Evidence for soluble IL-6R α as a Driver of Pancreatic Cancer Cachexia. <i>FASEB Journal</i> , 2018 , 32, 659-8	0-9
2	What's New in Shock, February 2021?. <i>Shock</i> , 2021 , 55, 143-146	3-4
1	Case presentation and panel discussion: Nutrition issues in cancer.. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 , 45, 41-46	4-2