

Nicole L Simone

List of Publications by Citations

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

70
papers

3,853
citations

30
h-index

62
g-index

77
ext. papers

4,442
ext. citations

5.7
avg, IF

4.97
L-index

#	Paper	IF	Citations
70	Reverse phase protein microarrays which capture disease progression show activation of pro-survival pathways at the cancer invasion front. <i>Oncogene</i> , 2001 , 20, 1981-9	9.2	844
69	Laser-capture microdissection: opening the microscopic frontier to molecular analysis. <i>Trends in Genetics</i> , 1998 , 14, 272-6	8.5	384
68	The chemistry and biology of nitroxide compounds. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 1632-50	7.8	377
67	Ionizing radiation-induced oxidative stress alters miRNA expression. <i>PLoS ONE</i> , 2009 , 4, e6377	3.7	265
66	COVID-19 medical papers have fewer women first authors than expected. <i>ELife</i> , 2020 , 9,	8.9	149
65	Sensitive immunoassay of tissue cell proteins procured by laser capture microdissection. <i>American Journal of Pathology</i> , 2000 , 156, 445-52	5.8	130
64	Rapid protein display profiling of cancer progression directly from human tissue using a protein biochip. <i>Drug Development Research</i> , 2000 , 49, 34-42	5.1	120
63	Comparison of intensity-modulated radiotherapy, adaptive radiotherapy, proton radiotherapy, and adaptive proton radiotherapy for treatment of locally advanced head and neck cancer. <i>Radiotherapy and Oncology</i> , 2011 , 101, 376-82	5.3	104
62	Therapeutic and clinical applications of nitroxide compounds. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1731-43	8.4	100
61	Laser Capture Microdissection: Beyond Functional Genomics to Proteomics. <i>Molecular Diagnosis and Therapy</i> , 2000 , 5, 301-307		82
60	Cellular stress induced alterations in microRNA let-7a and let-7b expression are dependent on p53. <i>PLoS ONE</i> , 2011 , 6, e24429	3.7	80
59	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. <i>Trends in Cancer</i> , 2020 , 6, 192-204	12.5	79
58	Caloric restriction augments radiation efficacy in breast cancer. <i>Cell Cycle</i> , 2013 , 12, 1955-63	4.7	65
57	Proteomic evaluation of archival cytologic material using SELDI affinity mass spectrometry: potential for diagnostic applications. <i>American Journal of Clinical Pathology</i> , 2002 , 118, 870-6	1.9	63
56	MicroRNA expression altered by diet: can food be medicinal?. <i>Ageing Research Reviews</i> , 2014 , 17, 16-24	12	57
55	Twenty-five year results of the national cancer institute randomized breast conservation trial. <i>Breast Cancer Research and Treatment</i> , 2012 , 132, 197-203	4.4	56
54	Weight gain, metabolic syndrome, and breast cancer recurrence: are dietary recommendations supported by the data?. <i>International Journal of Breast Cancer</i> , 2012 , 2012, 506868	2.3	55

53	Early tumor progression associated with enhanced EGFR signaling with bortezomib, cetuximab, and radiotherapy for head and neck cancer. <i>Clinical Cancer Research</i> , 2011 , 17, 5755-64	12.9	48
52	Intrarectal amifostine during external beam radiation therapy for prostate cancer produces significant improvements in Quality of Life measured by EPIC score. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 70, 90-5	4	46
51	Selectively starving cancer cells through dietary manipulation: methods and clinical implications. <i>Future Oncology</i> , 2013 , 9, 959-76	3.6	43
50	MicroRNA-203 regulates caveolin-1 in breast tissue during caloric restriction. <i>Cell Cycle</i> , 2012 , 11, 1291-5	4.7	37
49	NRG Oncology-Radiation Therapy Oncology Group Study 1014: 1-Year Toxicity Report From a Phase 2 Study of Repeat Breast-Preserving Surgery and 3-Dimensional Conformal Partial-Breast Reirradiation for In-Breast Recurrence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 1028-1035	4	36
48	Active Breathing Coordinator reduces radiation dose to the heart and preserves local control in patients with left breast cancer: report of a prospective trial. <i>Practical Radiation Oncology</i> , 2015 , 5, 4-10	2.8	35
47	Nutrient restriction and radiation therapy for cancer treatment: when less is more. <i>Oncologist</i> , 2013 , 18, 97-103	5.7	35
46	Obesity and tumor growth: inflammation, immunity, and the role of a ketogenic diet. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016 , 19, 294-9	3.8	35
45	Dietary calcium intakes of urban children at risk of lead poisoning. <i>Environmental Health Perspectives</i> , 1999 , 107, 431-5	8.4	34
44	Caloric restriction coupled with radiation decreases metastatic burden in triple negative breast cancer. <i>Cell Cycle</i> , 2016 , 15, 2265-74	4.7	34
43	Oral pirfenidone in patients with chronic fibrosis resulting from radiotherapy: a pilot study. <i>Radiation Oncology</i> , 2007 , 2, 19	4.2	31
42	Phase I trial of panobinostat and fractionated stereotactic re-irradiation therapy for recurrent high grade gliomas. <i>Journal of Neuro-Oncology</i> , 2016 , 127, 535-9	4.8	30
41	The metastatic potential of triple-negative breast cancer is decreased via caloric restriction-mediated reduction of the miR-17~92 cluster. <i>Breast Cancer Research and Treatment</i> , 2014 , 146, 41-50	4.4	30
40	Increases in Tumor N-Glycan Polylactosamines Associated with Advanced HER2-Positive and Triple-Negative Breast Cancer Tissues. <i>Proteomics - Clinical Applications</i> , 2019 , 13, e1800014	3.1	30
39	Loratadine dysregulates cell cycle progression and enhances the effect of radiation in human tumor cell lines. <i>Radiation Oncology</i> , 2010 , 5, 8	4.2	28
38	Intrarectal amifostine suspension may protect against acute proctitis during radiation therapy for prostate cancer: a pilot study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 65, 1008-13	4.3	26
37	Infratentorial craniospinal irradiation for von Hippel-Lindau: a retrospective study supporting a new treatment for patients with CNS hemangioblastomas. <i>Neuro-Oncology</i> , 2011 , 13, 1030-6	1	25
36	Pulmonary function following total body irradiation (with or without lung shielding) and allogeneic peripheral blood stem cell transplant. <i>Bone Marrow Transplantation</i> , 2007 , 40, 573-8	4.4	24

35	Caloric restriction counteracts chemotherapy-induced inflammation and increases response to therapy in a triple negative breast cancer model. <i>Cell Cycle</i> , 2018 , 17, 1536-1544	4.7	21
34	Discrepancies between biomarkers of primary breast cancer and subsequent brain metastases: an international multicenter study. <i>Breast Cancer Research and Treatment</i> , 2018 , 167, 479-483	4.4	20
33	Dietary recommendations during and after cancer treatment: consistently inconsistent?. <i>Nutrition and Cancer</i> , 2013 , 65, 430-9	2.8	19
32	Radiation therapy for locally recurrent breast cancer. <i>International Journal of Breast Cancer</i> , 2012 , 2012, 571946	2.3	19
31	CD44 is prognostic for overall survival in the NCI randomized trial on breast conservation with 25-year follow-up. <i>Breast Cancer Research and Treatment</i> , 2014 , 143, 11-8	4.4	17
30	microRNA alterations driving acute and late stages of radiation-induced fibrosis in a murine skin model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 44-52	4	16
29	Pretreatment predictors of death from other causes in men with prostate cancer. <i>Journal of Urology</i> , 2008 , 180, 2447-51; discussion 2451-2	2.5	14
28	Onco-metabolism: defining the prognostic significance of obesity and diabetes in women with brain metastases from breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018 , 172, 221-230	4.4	12
27	Dietary alterations modulate the microRNA 29/30 and IGF-1/AKT signaling axis in breast Cancer liver metastasis. <i>Nutrition and Metabolism</i> , 2020 , 17, 23	4.6	10
26	miR-21 Plays a Dual Role in Tumor Formation and Cytotoxic Response in Breast Tumors. <i>Cancers</i> , 2021 , 13,	6.6	10
25	Modeled risk of ischemic heart disease following left breast irradiation with deep inspiration breath hold. <i>Practical Radiation Oncology</i> , 2015 , 5, 162-168	2.8	9
24	Intraoperative radiotherapy for breast cancer: the lasting effects of a fleeting treatment. <i>International Journal of Breast Cancer</i> , 2014 , 2014, 214325	2.3	8
23	Author response: COVID-19 medical papers have fewer women first authors than expected 2020 ,		8
22	Clinical-pathological features and treatment modalities associated with recurrence in DCIS and micro-invasive carcinoma: Who to treat more and who to treat less. <i>Breast</i> , 2016 , 29, 223-30	3.6	8
21	microRNAs: The Short Link between Cancer and RT-Induced DNA Damage Response. <i>Frontiers in Oncology</i> , 2014 , 4, 133	5.3	7
20	MicroRNA-21 is Required for Hematopoietic Cell Viability After Radiation Exposure. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 1165-1174	4	6
19	Caloric Restriction Impairs Regulatory T cells Within the Tumor Microenvironment After Radiation and Primes Effector T cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 1341-1349	4.3	6
18	Concerns for Active Breathing Control (ABC) With Breast Cancer in the Era of COVID-19: Maximizing Infection Control While Minimizing Heart Dose. <i>Advances in Radiation Oncology</i> , 2020 , 5, 573-574	3.3	5

17	A single activity with a practice quality improvement project for faculty and a quality improvement project for residents. <i>Practical Radiation Oncology</i> , 2016 , 6, 114-8	2.8	3
16	Exercise Therapy and Radiation Therapy for Cancer: A Systematic Review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 973-983	4	3
15	Do we always need to tell patients the truth?. <i>Lancet, The</i> , 1998 , 352, 1787	40	2
14	Rapid protein display profiling of cancer progression directly from human tissue using a protein biochip 2000 , 49, 34		2
13	Care of Transgender Persons. <i>New England Journal of Medicine</i> , 2020 , 382, 1481	59.2	1
12	Shark cartilage for cancer. <i>Lancet, The</i> , 1998 , 351, 1440	40	1
11	Spatial Metrics of Interaction between CD163-Positive Macrophages and Cancer Cells and Progression-Free Survival in Chemo-Treated Breast Cancer.. <i>Cancers</i> , 2022 , 14,	6.6	1
10	Toxicity and cosmetic outcomes after treatment with a novel form of breast IORT. <i>Brachytherapy</i> , 2020 , 19, 679-684	2.4	1
9	Is Host Metabolism the Missing Link to Improving Cancer Outcomes?. <i>Cancers</i> , 2020 , 12,	6.6	1
8	Dosimetric Comparisons of Simulation Techniques for Left-Sided Breast Cancer in the COVID-19 Era: Techniques to Reduce Viral Transmission and Respect the Therapeutic Ratio. <i>Cureus</i> , 2021 , 13, e13354	1.2	1
7	A systematic review of home-based dietary interventions during radiation therapy for cancer. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020 , 16, 10-16	1.9	0
6	A Pilot Trial Using Telemedicine in Radiation Oncology: The Future of Health Care Is Virtual. <i>Telemedicine Reports</i> , 2021 , 2, 171-178	2	0
5	Not so fast: dietary restriction improves chemotherapy-related toxicity. <i>Cell Cycle</i> , 2015 , 14, 2554-5	4.7	
4	In reply. <i>Oncologist</i> , 2013 , 18, 1057	5.7	
3	Feasibility of dietary intervention in a breast cancer population.. <i>Journal of Clinical Oncology</i> , 2012 , 30, e11505-e11505	2.2	
2	Re: Elevated BMI might more significantly affect the outcome negatively in luminal type breast cancer patients with brain metastases. <i>Breast Cancer Research and Treatment</i> , 2018 , 172, 511	4.4	
1	Abstract P1-21-07: Implications for chronoradiobiology: Differential effect of radiation response for breast cancer patients with brain metastases depending on treatment time. <i>Cancer Research</i> , 2022 , 82, P1-21-07-P1-21-07	10.1	