

Nicole L Simone

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

4,831
citations

136740

32
h-index

95083

68
g-index

77
all docs

77
docs citations

77
times ranked

6449
citing authors

#	ARTICLE	IF	CITATIONS
1	Reverse phase protein microarrays which capture disease progression show activation of pro-survival pathways at the cancer invasion front. <i>Oncogene</i> , 2001, 20, 1981-1989.	2.6	959
2	The chemistry and biology of nitroxide compounds. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1632-1650.	1.3	440
3	Laser-capture microdissection: opening the microscopic frontier to molecular analysis. <i>Trends in Genetics</i> , 1998, 14, 272-276.	2.9	436
4	Ionizing Radiation-Induced Oxidative Stress Alters miRNA Expression. <i>PLoS ONE</i> , 2009, 4, e6377.	1.1	291
5	COVID-19 medical papers have fewer women first authors than expected. <i>ELife</i> , 2020, 9, .	2.8	289
6	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. <i>Trends in Cancer</i> , 2020, 6, 192-204.	3.8	162
7	Rapid protein display profiling of cancer progression directly from human tissue using a protein biochip. <i>Drug Development Research</i> , 2000, 49, 34-42.	1.4	144
8	Sensitive Immunoassay of Tissue Cell Proteins Procured by Laser Capture Microdissection. <i>American Journal of Pathology</i> , 2000, 156, 445-452.	1.9	143
9	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, 376-382.	0.3	138
10	Therapeutic and Clinical Applications of Nitroxide Compounds. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1731-1744.	2.5	114
11	Caloric restriction augments radiation efficacy in breast cancer. <i>Cell Cycle</i> , 2013, 12, 1955-1963.	1.3	95
12	Cellular Stress Induced Alterations in MicroRNA let-7a and let-7b Expression Are Dependent on p53. <i>PLoS ONE</i> , 2011, 6, e24429.	1.1	86
13	Laser Capture Microdissection: Beyond Functional Genomics to Proteomics. <i>Molecular Diagnosis and Therapy</i> , 2000, 5, 301-307.	1.3	85
14	Proteomic Evaluation of Archival Cytologic Material Using SELDI Affinity Mass Spectrometry. <i>American Journal of Clinical Pathology</i> , 2002, 118, 870-876.	0.4	73
15	MicroRNA expression altered by diet: Can food be medicinal?. <i>Ageing Research Reviews</i> , 2014, 17, 16-24.	5.0	68
16	Caloric restriction coupled with radiation decreases metastatic burden in triple negative breast cancer. <i>Cell Cycle</i> , 2016, 15, 2265-2274.	1.3	67
17	Twenty-five year results of the national cancer institute randomized breast conservation trial. <i>Breast Cancer Research and Treatment</i> , 2012, 132, 197-203.	1.1	66
18	Weight Gain, Metabolic Syndrome, and Breast Cancer Recurrence: Are Dietary Recommendations Supported by the Data?. <i>International Journal of Breast Cancer</i> , 2012, 2012, 1-9.	0.6	63

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19	Selectively starving cancer cells through dietary manipulation: methods and clinical implications. <i>Future Oncology</i> , 2013, 9, 959-976.	1.1	54
20	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, 90-95.	0.4	51
21	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, 5755-5764.	3.2	51
22	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.	0.8	50
23	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.	0.4	49
24	Nutrient Restriction and Radiation Therapy for Cancer Treatment: When Less Is More. <i>Oncologist</i> , 2013, 18, 97-103.	1.9	47
25	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.	1.1	44
26	Dietary calcium intakes of urban children at risk of lead poisoning. <i>Environmental Health Perspectives</i> , 1999, 107, 431-435.	2.8	42
27	Phase I trial of panobinostat and fractionated stereotactic re-irradiation therapy for recurrent high grade gliomas. <i>Journal of Neuro-Oncology</i> , 2016, 127, 535-539.	1.4	42
28	Obesity and tumor growth. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016, 19, 294-299.	1.3	41
29	Oral Pirfenidone in patients with chronic fibrosis resulting from radiotherapy: a pilot study. <i>Radiation Oncology</i> , 2007, 2, 19.	1.2	40
30	MicroRNA-203 regulates caveolin-1 in breast tissue during caloric restriction. <i>Cell Cycle</i> , 2012, 11, 1291-1295.	1.3	39
31	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.	1.1	35
32	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.	1.3	35
33	Loratadine dysregulates cell cycle progression and enhances the effect of radiation in human tumor cell lines. <i>Radiation Oncology</i> , 2010, 5, 8.	1.2	33
34	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, 1030-1036.	0.6	31
35	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, 1008-1013.	0.4	30
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, 573-578.	1.3	28

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37	Dietary Recommendations During and After Cancer Treatment: Consistently Inconsistent?. Nutrition and Cancer, 2013, 65, 430-439.	0.9	28
38	Discrepancies between biomarkers of primary breast cancer and subsequent brain metastases: an international multicenter study. Breast Cancer Research and Treatment, 2018, 167, 479-483.	1.1	27
39	Radiation Therapy for Locally Recurrent Breast Cancer. International Journal of Breast Cancer, 2012, 2012, 1-7.	0.6	24
40	microRNA Alterations Driving Acute and Late Stages of Radiation-Induced Fibrosis in a Murine Skin Model. International Journal of Radiation Oncology Biology Physics, 2014, 90, 44-52.	0.4	21
41	miR-21 Plays a Dual Role in Tumor Formation and Cytotoxic Response in Breast Tumors. Cancers, 2021, 13, 888.	1.7	20
42	Caloric Restriction Impairs Regulatory T cells Within the Tumor Microenvironment After Radiation and Primes Effector T cells. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1341-1349.	0.4	19
43	Pretreatment Predictors of Death From Other Causes in Men With Prostate Cancer. Journal of Urology, 2008, 180, 2447-2452.	0.2	18
44	CD44 is prognostic for overall survival in the NCI randomized trial on breast conservation with 25-year follow-up. Breast Cancer Research and Treatment, 2014, 143, 11-18.	1.1	18
45	Onco-metabolism: defining the prognostic significance of obesity and diabetes in women with brain metastases from breast cancer. Breast Cancer Research and Treatment, 2018, 172, 221-230.	1.1	18
46	Dietary alterations modulate the microRNA 29/30 and IGF-1/AKT signaling axis in breast Cancer liver metastasis. Nutrition and Metabolism, 2020, 17, 23.	1.3	18
47	Intraoperative Radiotherapy for Breast Cancer: The Lasting Effects of a Fleeting Treatment. International Journal of Breast Cancer, 2014, 2014, 1-12.	0.6	15
48	Modeled risk of ischemic heart disease following left breast irradiation with deep inspiration breath hold. Practical Radiation Oncology, 2015, 5, 162-168.	1.1	14
49	Chronoradiobiology of Breast Cancer: The Time Is Now to Link Circadian Rhythm and Radiation Biology. International Journal of Molecular Sciences, 2022, 23, 1331.	1.8	13
50	Toxicity and cosmetic outcomes after treatment with a novel form of breast IORT. Brachytherapy, 2020, 19, 679-684.	0.2	12
51	Exercise Therapy and Radiation Therapy for Cancer: A Systematic Review. International Journal of Radiation Oncology Biology Physics, 2021, 110, 973-983.	0.4	12
52	Clinical-pathological features and treatment modalities associated with recurrence in DCIS and micro-invasive carcinoma: Who to treat more and who to treat less. Breast, 2016, 29, 223-230.	0.9	11
53	Concerns for Active Breathing Control (ABC) With Breast Cancer in the Era of COVID-19: Maximizing Infection Control While Minimizing Heart Dose. Advances in Radiation Oncology, 2020, 5, 573-574.	0.6	9
54	microRNAs: The Short Link between Cancer and RT-Induced DNA Damage Response. Frontiers in Oncology, 2014, 4, 133.	1.3	8

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55	A Pilot Trial Using Telemedicine in Radiation Oncology: The Future of Health Care Is Virtual. <i>Telemedicine Reports</i> , 2021, 2, 171-178.	0.5	8
56	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, 308.	1.7	8
57	MicroRNA-21 is Required for Hematopoietic Cell Viability After Radiation Exposure. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 1165-1174.	0.4	6
58	What benefits could caloric restriction bring to cancer patients?. <i>Future Oncology</i> , 2014, 10, 2543-2546.	1.1	4
59	Is Host Metabolism the Missing Link to Improving Cancer Outcomes?. <i>Cancers</i> , 2020, 12, 2338.	1.7	4
60	A comparative study using time-driven activity-based costing in single-fraction breast high-dose rate brachytherapy: An integrated brachytherapy suite vs. decentralized workflow. <i>Brachytherapy</i> , 2022, , .	0.2	4
61	Personalized Nutrition as a Key Contributor to Improving Radiation Response in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 175.	1.8	4
62	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, 114-118.	1.1	3
63	An Ex Vivo&/em> Brain Slice Model to Study and Target Breast Cancer Brain Metastatic Tumor Growth. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	3
64	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.	0.6	3
65	Do we always need to tell patients the truth?. <i>Lancet, The</i> , 1998, 352, 1787.	6.3	2
66	Rapid protein display profiling of cancer progression directly from human tissue using a protein biochip. , 2000, 49, 34.		2
67	Shark cartilage for cancer. <i>Lancet, The</i> , 1998, 351, 1440.	6.3	1
68	Care of Transgender Persons. <i>New England Journal of Medicine</i> , 2020, 382, 1481-1482.	13.9	1
69	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.	0.2	1
70	In Reply. <i>Oncologist</i> , 2013, 18, 1057-1057.	1.9	0
71	Not so fast: dietary restriction improves chemotherapy-related toxicity. <i>Cell Cycle</i> , 2015, 14, 2554-2555.	1.3	0
72	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, 511-511.	1.1	0

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73	Feasibility of dietary intervention in a breast cancer population.. Journal of Clinical Oncology, 2012, 30, e11505-e11505.	0.8	0
74	Abstract P1-21-07: Implications for chronoradiobiology: Differential effect of radiation response for breast cancer patients with brain metastases depending on treatment time. Cancer Research, 2022, 82, P1-21-07-P1-21-07.	0.4	0
75	Optimizing an mHealth Intervention to Change Food Purchasing Behaviors for Cancer Prevention: Protocol for a Pilot Randomized Controlled Trial. JMIR Research Protocols, 2022, 11, e39669.	0.5	0