Nicole L Simone

List of Publications by Year
in descending order

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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	Spatial Metrics of Interaction between CD163-Positive Macrophages and Cancer Cells and Progression-Free Survival in Chemo-Treated Breast Cancer. Cancers, 2022, 14, 308.	1.7	8
2	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
3	A comparative study using time-driven activity-based costing in single-fraction breast high-dose rate brachytherapy: An integrated brachytherapy suite vs. decentralized workflow. Brachytherapy, 2022, , .	0.2	4
4	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
5	Personalized Nutrition as a Key Contributor to Improving Radiation Response in Breast Cancer. International Journal of Molecular Sciences, 2022, 23, 175.	1.8	4
6	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
7	Exercise Therapy and Radiation Therapy for Cancer: A Systematic Review. International Journal of Radiation Oncology Biology Physics, 2021, 110, 973-983.	0.4	12
8	A Pilot Trial Using Telemedicine in Radiation Oncology: The Future of Health Care Is Virtual. Telemedicine Reports, 2021, 2, 171-178.	0.5	8
9	miR-21 Plays a Dual Role in Tumor Formation and Cytotoxic Response in Breast Tumors. Cancers, 2021, 13, 888.	1.7	20
10	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. Cureus, 2021, 13, e13354.	0.2	1
11	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
12	An Ex Vivo Brain Slice Model to Study and Target Breast Cancer Brain Metastatic Tumor Growth. Journal of Visualized Experiments, 2021, , .	0.2	3
13	Toxicity and cosmetic outcomes after treatment with a novel form of breast IORT. Brachytherapy, 2020, 19, 679-684.	0.2	12
14	Is Host Metabolism the Missing Link to Improving Cancer Outcomes?. Cancers, 2020, 12, 2338.	1.7	4
15	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
16	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. Trends in Cancer, 2020, 6, 192-204.	3.8	162
17	Care of Transgender Persons. New England Journal of Medicine, 2020, 382, 1481-1482.	13.9	1
18	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

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19	A systematic review of home-based dietary interventions during radiation therapy for cancer. Technical Innovations and Patient Support in Radiation Oncology, 2020, 16, 10-16.	0.6	3
20	COVID-19 medical papers have fewer women first authors than expected. ELife, 2020, 9, .	2.8	289
21	MicroRNA-21 is Required for Hematopoietic Cell Viability After Radiation Exposure. International Journal of Radiation Oncology Biology Physics, 2019, 104, 1165-1174.	0.4	6
22	Increases in Tumor Nâ€Glycan Polylactosamines Associated with Advanced HER2â€Positive and Tripleâ€Negative Breast Cancer Tissues. Proteomics - Clinical Applications, 2019, 13, e1800014.	0.8	50
23	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
24	Re: Elevated BMI might more significantly affect the outcome negatively in luminal type breast cancer patients with brain metastases. Breast Cancer Research and Treatment, 2018, 172, 511-511.	1.1	0
25	Caloric restriction counteracts chemotherapy-induced inflammation and increases response to therapy in a triple negative breast cancer model. Cell Cycle, 2018, 17, 1536-1544.	1.3	35
26	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
27	NRG Oncologyâ€“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. International Journal of Radiation Oncology Biology Physics, 2017, 98, 1028-1035.	0.4	49
28	Caloric restriction coupled with radiation decreases metastatic burden in triple negative breast cancer. Cell Cycle, 2016, 15, 2265-2274.	1.3	67
29	Obesity and tumor growth. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 294-299.	1.3	41
30	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
31	A single activity with a practice quality improvement project for faculty and a quality improvement project for residents. Practical Radiation Oncology, 2016, 6, 114-118.	1.1	3
32	Phase I trial of panobinostat and fractionated stereotactic re-irradiation therapy for recurrent high grade gliomas. Journal of Neuro-Oncology, 2016, 127, 535-539.	1.4	42
33	Active Breathing Coordinator reduces radiation dose to the heart and preserves local control in patients with left breast cancer: Report of a prospective trial. Practical Radiation Oncology, 2015, 5, 4-10.	1.1	44
34	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
35	Not so fast: dietary restriction improves chemotherapy-related toxicity. Cell Cycle, 2015, 14, 2554-2555.	1.3	0
36	Intraoperative Radiotherapy for Breast Cancer: The Lasting Effects of a Fleeting Treatment. International Journal of Breast Cancer, 2014, 2014, 1-12.	0.6	15

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37	What benefits could caloric restriction bring to cancer patients?. Future Oncology, 2014, 10, 2543-2546.	1.1	4
38	microRNAs: The Short Link between Cancer and RT-Induced DNA Damage Response. Frontiers in Oncology, 2014, 4, 133.	1.3	8
39	CD44 is prognostic for overall survival in the NCI randomized trial on breast conservation with 25Âyear follow-up. Breast Cancer Research and Treatment, 2014, 143, 11-18.	1.1	18
40	MicroRNA expression altered by diet: Can food be medicinal?. Ageing Research Reviews, 2014, 17, 16-24.	5.0	68
41	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
42	The metastatic potential of triple-negative breast cancer is decreased via caloric restriction-mediated reduction of the miR-17~92 cluster. Breast Cancer Research and Treatment, 2014, 146, 41-50.	1.1	35
43	Selectively starving cancer cells through dietary manipulation: methods and clinical implications. Future Oncology, 2013, 9, 959-976.	1.1	54
44	Caloric restriction augments radiation efficacy in breast cancer. Cell Cycle, 2013, 12, 1955-1963.	1.3	95
45	Nutrient Restriction and Radiation Therapy for Cancer Treatment: When Less Is More. Oncologist, 2013, 18, 97-103.	1.9	47
46	In Reply. Oncologist, 2013, 18, 1057-1057.	1.9	0
47	Dietary Recommendations During and After Cancer Treatment: Consistently Inconsistent?. Nutrition and Cancer, 2013, 65, 430-439.	0.9	28
48	MicroRNA-203 regulates caveolin-1 in breast tissue during caloric restriction. Cell Cycle, 2012, 11, 1291-1295.	1.3	39
49	Weight Gain, Metabolic Syndrome, and Breast Cancer Recurrence: Are Dietary Recommendations Supported by the Data?. International Journal of Breast Cancer, 2012, 2012, 1-9.	0.6	63
50	Radiation Therapy for Locally Recurrent Breast Cancer. International Journal of Breast Cancer, 2012, 2012, 1-7.	0.6	24
51	Twenty-five year results of the national cancer institute randomized breast conservation trial. Breast Cancer Research and Treatment, 2012, 132, 197-203.	1.1	66
52	Feasibility of dietary intervention in a breast cancer population.. Journal of Clinical Oncology, 2012, 30, e11505-e11505.	0.8	0
53	Comparison of intensity-modulated radiotherapy, adaptive radiotherapy, proton radiotherapy, and adaptive proton radiotherapy for treatment of locally advanced head and neck cancer. Radiotherapy and Oncology, 2011, 101, 376-382.	0.3	138
54	Infratentorial craniospinal irradiation for von Hippel-Lindau: a retrospective study supporting a new treatment for patients with CNS hemangioblastomas. Neuro-Oncology, 2011, 13, 1030-1036.	0.6	31

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55	Early Tumor Progression Associated with Enhanced EGFR Signaling with Bortezomib, Cetuximab, and Radiotherapy for Head and Neck Cancer. Clinical Cancer Research, 2011, 17, 5755-5764.	3.2	51
56	Cellular Stress Induced Alterations in MicroRNA let-7a and let-7b Expression Are Dependent on p53. PLoS ONE, 2011, 6, e24429.	1.1	86
57	Loratadine dysregulates cell cycle progression and enhances the effect of radiation in human tumor cell lines. Radiation Oncology, 2010, 5, 8.	1.2	33
58	Ionizing Radiation-Induced Oxidative Stress Alters miRNA Expression. PLoS ONE, 2009, 4, e6377.	1.1	291
59	Intrarectal Amifostine During External Beam Radiation Therapy for Prostate Cancer Produces Significant Improvements in Quality of Life Measured by EPIC Score. International Journal of Radiation Oncology Biology Physics, 2008, 70, 90-95.	0.4	51
60	Pretreatment Predictors of Death From Other Causes in Men With Prostate Cancer. Journal of Urology, 2008, 180, 2447-2452.	0.2	18
61	Oral Pirfenidone in patients with chronic fibrosis resulting from radiotherapy: a pilot study. Radiation Oncology, 2007, 2, 19.	1.2	40
62	Pulmonary function following total body irradiation (with or without lung shielding) and allogeneic peripheral blood stem cell transplant. Bone Marrow Transplantation, 2007, 40, 573-578.	1.3	28
63	The chemistry and biology of nitroxide compounds. Free Radical Biology and Medicine, 2007, 42, 1632-1650.	1.3	440
64	Therapeutic and Clinical Applications of Nitroxide Compounds. Antioxidants and Redox Signaling, 2007, 9, 1731-1744.	2.5	114
65	Intrarectal amifostine suspension may protect against acute proctitis during radiation therapy for prostate cancer: A pilot study. International Journal of Radiation Oncology Biology Physics, 2006, 65, 1008-1013.	0.4	30
66	Proteomic Evaluation of Archival Cytologic Material Using SELDI Affinity Mass Spectrometry. American Journal of Clinical Pathology, 2002, 118, 870-876.	0.4	73
67	Reverse phase protein microarrays which capture disease progression show activation of pro-survival pathways at the cancer invasion front. Oncogene, 2001, 20, 1981-1989.	2.6	959
68	Rapid protein display profiling of cancer progression directly from human tissue using a protein biochip. Drug Development Research, 2000, 49, 34-42.	1.4	144
69	Sensitive Immunoassay of Tissue Cell Proteins Procured by Laser Capture Microdissection. American Journal of Pathology, 2000, 156, 445-452.	1.9	143
70	Rapid protein display profiling of cancer progression directly from human tissue using a protein biochip. , 2000, 49, 34.		2
71	Laser Capture Microdissection: Beyond Functional Genomics to Proteomics. Molecular Diagnosis and Therapy, 2000, 5, 301-307.	1.3	85
72	Dietary calcium intakes of urban children at risk of lead poisoning.. Environmental Health Perspectives, 1999, 107, 431-435.	2.8	42

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73	Laser-capture microdissection: opening the microscopic frontier to molecular analysis. Trends in Genetics, 1998, 14, 272-276.	2.9	436
74	Shark cartilage for cancer. Lancet, The, 1998, 351, 1440.	6.3	1
75	Do we always need to tell patients the truth?. Lancet, The, 1998, 352, 1787.	6.3	2