Wilfred Ngwa

List of Publications by Year
in descending order

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48	2,020	361413	243625
papers	citations	20	44
		h-index	g-index

49	49	49	3413
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Boosting the Abscopal Effect Using Immunogenic Biomaterials With Varying Radiation Therapy Field Sizes. International Journal of Radiation Oncology Biology Physics, 2022, 112, 475-486.	0.8	13
2	Cancer in sub-Saharan Africa: a Lancet Oncology Commission. Lancet Oncology, The, 2022, 23, e251-e312.	10.7	94
3	Garcinia kola improves cognitive and motor function of a rat model of acute radiation syndrome in the elevated plus maze. Brain Communications, 2021, 3, fcab170.	3.3	8
4	The role of Black people in ending systemic racism in oncology. Lancet Oncology, The, 2021, 22, 172.	10.7	2
5	Cancer and COVID-19 Experiences at African Cancer Centers: The Silver Lining. JCO Global Oncology, 2021, 7, 410-415.	1.8	7
6	Using advanced information and communication technologies to advance oncology education in Africa. Ecancermedicalscience, 2021, 15, 1211.	1.1	5
7	Modelling treatment-response rates. Nature Biomedical Engineering, 2021, 5, 295-296.	22.5	0
8	Mobilising stakeholders to improve access to state-of-the-art radiotherapy in low- and middle-income countries. Ecancermedicalscience, 2021, 15, 1227.	1.1	4
9	COVID-19 and cancer in Africa. Science, 2021, 371, 25-27.	12.6	10
10	Optimizing In Situ Vaccination During Radiotherapy. Frontiers in Oncology, 2021, 11, 711078.	2.8	5
11	Practical Guidelines on Implementing Hypofractionated Radiotherapy for Prostate Cancer in Africa. Frontiers in Oncology, 2021, 11, 725103.	2.8	3
12	Imaging and Characterization of Sustained Gadolinium Nanoparticle Release from Next Generation Radiotherapy Biomaterial. Nanomaterials, 2020, 10, 2249.	4.1	12
13	Increased carcinoembryonic antigen expression on the surface of lung cancer cells using gold nanoparticles during radiotherapy. Physica Medica, 2020, 76, 236-242.	0.7	6
14	Direct Electrochemical Aptamerâ€Based Detection of Digoxin. ChemistrySelect, 2020, 5, 2408-2411.	1.5	6
15	Can the Adoption of Hypofractionation Guidelines Expand Global Radiotherapy Access? An Analysis for Breast and Prostate Radiotherapy. JCO Global Oncology, 2020, 6, 667-678.	1.8	38
16	Single Radiotherapy Fraction with Local Anti-CD40 Therapy Generates Effective Abscopal Responses in Mouse Models of Cervical Cancer. Cancers, 2020, 12, 1026.	3.7	14
17	The Use of Health-Related Technology to Reduce the Gap Between Developed and Undeveloped Regions Around the Globe. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2020, 40, 227-236.	3.8	15
18	Phytoradiotherapy: An Integrative Approach to Cancer Treatment by Combining Radiotherapy With Phytomedicines. Frontiers in Oncology, 2020, 10, 624663.	2.8	7

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19	LXR/RXR pathway signaling associated with triple-negative breast cancer in African American women. Breast Cancer: Targets and Therapy, 2019, Volume 11, 1-12.	1.8	10
20	Flavonoid Derivative of Cannabis Demonstrates Therapeutic Potential in Preclinical Models of Metastatic Pancreatic Cancer. Frontiers in Oncology, 2019, 9, 660.	2.8	29
21	Using immunotherapy to boost the abscopal effect. Nature Reviews Cancer, 2018, 18, 313-322.	28.4	844
22	Leveraging the Global Health Service Partnership Model for Workforce Development in Global Radiation Oncology. Journal of Global Oncology, 2018, , 1-8.	0.5	5
23	Priming the Abscopal Effect Using Multifunctional Smart Radiotherapy Biomaterials Loaded with Immunoadjuvants. Frontiers in Oncology, 2018, 8, 56.	2.8	34
24	Enhancing the Therapeutic Efficacy of Cancer Treatment With Cannabinoids. Frontiers in Oncology, 2018, 8, 114.	2.8	34
25	Systemic immune effects boost radiotherapy. Nature Biomedical Engineering, 2018, 2, 562-563.	22.5	7
26	Radiation and Local Anti-CD40 Generate an Effective in situ Vaccine in Preclinical Models of Pancreatic Cancer. Frontiers in Immunology, 2018, 9, 2030.	4.8	77
27	Assessing traineeâ€™s need and readiness for e-cancer education and training in Africa.. Journal of Clinical Oncology, 2018, 36, 11012-11012.	1.6	0
28	Challenges and Prospects for Providing Radiation Oncology Services in Africa. Seminars in Radiation Oncology, 2017, 27, 184-188.	2.2	47
29	Potential Role of the Quality Assurance Review Center Platform in Global Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2017, 99, 956-962.	0.8	4
30	Smart Radiation Therapy Biomaterials. International Journal of Radiation Oncology Biology Physics, 2017, 97, 624-637.	0.8	42
31	Following the Preclinical Data: Leveraging the Abscopal Effect More Efficaciously. Frontiers in Oncology, 2017, 7, 66.	2.8	16
32	Nanoparticle Drones to Target Lung Cancer with Radiosensitizers and Cannabinoids. Frontiers in Oncology, 2017, 7, 208.	2.8	48
33	Nanoparticle-aided external beam radiotherapy leveraging the ÄŒerenkov effect. Physica Medica, 2016, 32, 944-947.	0.7	17
34	Potential of using cerium oxide nanoparticles for protecting healthy tissue during accelerated partial breast irradiation (APBI). Physica Medica, 2016, 32, 631-635.	0.7	27
35	Closing the Cancer Divide Through Ubuntu: Information and Communication Technology-Powered Models for Global Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2016, 94, 440-449.	0.8	23
36	New potential for enhancing concomitant chemoradiotherapy with FDA approved concentrations of cisplatin via the photoelectric effect. Physica Medica, 2015, 31, 25-30.	0.7	16

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37	Potential for Information and Communication Technologies to Catalyze Global Collaborations in Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2015, 91, 444-447.	0.8	20
38	Brachytherapy Application With In Situ Dose Painting Administered by Gold Nanoparticle Eluters. International Journal of Radiation Oncology Biology Physics, 2015, 91, 385-392.	0.8	37
39	Nanoparticle-aided Radiotherapy for Retinoblastoma and Choroidal Melanoma. IFMBE Proceedings, 2015, 51, 907-910.	0.3	1
40	Radiation Oncology Solutions in Tanzania. International Journal of Radiation Oncology Biology Physics, 2015, 93, 961-962.	0.8	2
41	Targeted radiotherapy with gold nanoparticles: current status and future perspectives. Nanomedicine, 2014, 9, 1063-1082.	3.3	144
42	In vitro radiosensitization by gold nanoparticles during continuous low-dose-rate gamma irradiation with I-125 brachytherapy seeds. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 25-27.	3.3	86
43	Third generation gold nanoplatform optimized for radiation therapy. Translational Cancer Research, 2013, 2, .	1.0	39
44	A multipurpose quality assurance phantom for the small animal radiation research platform (SARRP). Physics in Medicine and Biology, 2012, 57, 2575-2586.	3.0	14
45	Gold nanoparticle enhancement of stereotactic radiosurgery for neovascular age-related macular degeneration. Physics in Medicine and Biology, 2012, 57, 6371-6380.	3.0	30
46	MOSFET Assessment of Radiation Dose Delivered to Mice Using the Small Animal Radiation Research Platform (SARRP). Radiation Research, 2011, 176, 816-820.	1.5	11
47	Gold nanoparticle-aided brachytherapy with vascular dose painting: Estimation of dose enhancement to the tumor endothelial cell nucleus. Medical Physics, 2011, 39, 392-398.	3.0	48
48	Applying gold nanoparticles as tumor-vascular disrupting agents during brachytherapy: estimation of endothelial dose enhancement. Physics in Medicine and Biology, 2010, 55, 6533-6548.	3.0	58