Nadia Falzone

List of Publications by Year
in descending order

33 papers	829 citations	516215 16 h-index	500791 28 g-index
33 all docs	33 docs citations	33 times ranked	1190 citing authors

#	Article	IF	Citations
1	Targeted radionuclide therapy in combined-modality regimens. Lancet Oncology, The, 2017, 18, e414-e423.	5.1	115
2	Subcellular Targeting of Theranostic Radionuclides. Frontiers in Pharmacology, 2018, 9, 996.	1.6	67
3	EGF-coated gold nanoparticles provide an efficient nano-scale delivery system for the molecular radiotherapy of EGFR-positive cancer. International Journal of Radiation Biology, 2016, 92, 716-723.	1.0	65
4	Monte Carlo Evaluation of Auger Electronâ€“Emitting Theranostic Radionuclides. Journal of Nuclear Medicine, 2015, 56, 1441-1446.	2.8	61
5	OpenDose: Open-Access Resource for Nuclear Medicine Dosimetry. Journal of Nuclear Medicine, 2020, 61, 1514-1519.	2.8	54
6	In vitro effect of pulsed 900 MHz GSM radiation on mitochondrial membrane potential and motility of human spermatozoa. Bioelectromagnetics, 2008, 29, 268-276.	0.9	46
7	Mobile Phone Radiation Does Not Induce Pro-apoptosis Effects in Human Spermatozoa. Radiation Research, 2010, 174, 169-176.	0.7	46
8	Individualized 131I-mIBG therapy in the management of refractory and relapsed neuroblastoma. Nuclear Medicine Communications, 2016, 37, 466-472.	0.5	40
9	Targeted Radionuclide Therapy: New Advances for Improvement of Patient Management and Response. Cancers, 2019, 11, 268.	1.7	34
10	Hypoxia Imaging Using PET and SPECT: The Effects of Anesthetic and Carrier Gas on [64Cu]-ATSM, [99mTc]-HL91 and [18F]-FMISO Tumor Hypoxia Accumulation. PLoS ONE, 2011, 6, e25911.	1.1	33
11	Imaging DNA Damage Repair In Vivo After ¹⁷⁷Lu-DOTATATE Therapy. Journal of Nuclear Medicine, 2020, 61, 743-750.	2.8	33
12	Amplification of DNA damage by a Î³H2AX-targeted radiopharmaceutical. Nuclear Medicine and Biology, 2012, 39, 1142-1151.	0.3	28
13	PET imaging of DNA damage using 89Zr-labelled anti-Î³H2AX-TAT immunoconjugates. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1707-1717.	3.3	24
14	Absorbed dose evaluation of Auger electron-emitting radionuclides: impact of input decay spectra on dose point kernels and <i>S</i>-values. Physics in Medicine and Biology, 2017, 62, 2239-2253.	1.6	24
15	Targeting Micrometastases: The Effect of Heterogeneous Radionuclide Distribution on Tumor Control Probability. Journal of Nuclear Medicine, 2019, 60, 250-258.	2.8	23
16	VCAM-1 targeted alpha-particle therapy for early brain metastases. Neuro-Oncology, 2020, 22, 357-368.	0.6	23
17	Dosimetric evaluation of radionuclides for VCAM-1-targeted radionuclide therapy of early brain metastases. Theranostics, 2018, 8, 292-303.	4.6	17
18	MRI-guided radiotherapy of the SK-N-SH neuroblastoma xenograft model using a small animal radiation research platform. British Journal of Radiology, 2017, 90, 20160427.	1.0	14

#	Article	IF	Citations
19	An efficient and robust MRI-guided radiotherapy planning approach for targeting abdominal organs and tumours in the mouse. PLoS ONE, 2017, 12, e0176693.	1.1	12
20	Targeted alpha therapy with 212Pb or 225Ac: Change in RBE from daughter migration. Physica Medica, 2018, 51, 91-98.	0.4	12
21	Improved outcome of 131 I-mIBG treatment through combination with external beam radiotherapy in the SK-N-SH mouse model of neuroblastoma. Radiotherapy and Oncology, 2017, 124, 488-495.	0.3	11
22	The Impact of Radiobiologically Informed Dose Prescription on the Clinical Benefit of ⁹⁰Y SIRT in Colorectal Cancer Patients. Journal of Nuclear Medicine, 2020, 61, 1658-1664.	2.8	8
23	Chemically amplified photoresist for high resolution autoradiography in targeted radiotherapy. Biomaterials, 2011, 32, 6138-6144.	5.7	7
24	Photoresists as a high spatial resolution autoradiography substrate for quantitative mapping of intra- and sub-cellular distribution of Auger electron emitting radionuclides. International Journal of Radiation Biology, 2012, 88, 933-940.	1.0	7
25	Radionuclide spatial distribution and dose deposition for <i>in vitro</i> assessments of ²¹²Pbâ€Î±VCAMâ€1 targeted alpha therapy. Medical Physics, 2020, 47, 1317-1326.	1.6	7
26	Stereotactic Inverse Dose Planning After Yttrium-90 Selective Internal Radiation Therapy in Hepatocellular Cancer. Advances in Radiation Oncology, 2021, 6, 100617.	0.6	6
27	Spatial distribution of Auger electrons emitted from internalised radionuclides in cancer cells: the photoresist autoradiography (PAR) method. Radiation Protection Dosimetry, 2015, 166, 228-232.	0.4	4
28	Internalization of Auger electron-emitting isotopes into cancer cells: a method for spatial distribution determination of equivalent source terms. International Journal of Radiation Biology, 2016, 92, 633-640.	1.0	3
29	Characterization of single Î±-tracks by photoresist detection and AFM analysisâ€"focus on biomedical science and technology. Physics in Medicine and Biology, 2013, 58, 7673-7682.	1.6	2
30	Impact of cyclic changes in pharmacokinetics and absorbed dose in pediatric neuroblastoma patients receiving [177Lu]Lu-DOTATATE. EJNMMI Physics, 2022, 9, 24.	1.3	2
31	Clinical trials in molecular radiotherapyâ€"Tribulations and Triumphs Report of the NCRI CTRad meeting held at the Lift Islington, 8 June 2018. British Journal of Radiology, 2019, 92, 20190117.	1.0	1
32	Response to comment on â€œIn vitro effect of pulsed 900â€‰MHz GSM radiation on mitochondrial membrane potential and motility of human spermatozoaâ€•by Falzone et al.. Bioelectromagnetics, 2011, 32, 510-510.	0.9	0
33	9th international symposium on physical, molecular, cellular, and medical aspects of Auger processes: preface. International Journal of Radiation Biology, 2022, , 1-1.	1.0	0