Qibin Fu

List of Publications by Year in descending order

		933447	839539
18 papers	354 citations	10 h-index	18 g-index

18 all docs	18 docs citations	18 times ranked	653 citing authors

#	Article	IF	Citations
1	Dynamic equilibrium between cancer stem cells and non-stem cancer cells in human SW620 and MCF-7 cancer cell populations. British Journal of Cancer, 2012, 106, 1512-1519.	6.4	92
2	Atomic Layer Deposition Modified Track-Etched Conical Nanochannels for Protein Sensing. Analytical Chemistry, 2015, 87, 8227-8233.	6.5	56
3	Dynamics between Cancer Cell Subpopulations Reveals a Model Coordinating with Both Hierarchical and Stochastic Concepts. PLoS ONE, 2014, 9, e84654.	2.5	45
4	NaI(Tl) scintillator read out with SiPM array for gamma spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 851, 118-124.	1.6	29
5	Relative biological effectiveness for photons: implication of complex DNA double-strand breaks as critical lesions. Physics in Medicine and Biology, 2017, 62, 2153-2175.	3.0	19
6	Response of cancer stem-like cells and non-stem cancer cells to proton and Î³-ray irradiation. Nuclear Instruments & Methods in Physics Research B, 2012, 286, 346-350.	1.4	17
7	Association of elevated reactive oxygen species and hyperthermia induced radiosensitivity in cancer stem-like cells. Oncotarget, 2017, 8, 101560-101571.	1.8	17
8	Rescue of Targeted Nonstem-Like Cells from Bystander Stem-Like Cells in Human Fibrosarcoma HT1080. Radiation Research, 2015, 184, 334.	1.5	15
9	A gamma and neutron phoswich read out with SiPM for SPRD. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 881, 48-52.	1.6	14
10	Accumulation efficiency of cancer stem-like cells post Î³-ray and proton irradiation. Nuclear Instruments & Methods in Physics Research B, 2012, 286, 341-345.	1.4	10
11	Target irradiation induced bystander effects between stem-like and non stem-like cancer cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 773, 43-47.	1.0	9
12	Measurement of cell compressibility changes during epithelialâ€“mesenchymal transition based on acoustofluidic microdevice. Biomicrofluidics, 2021, 15, 064101.	2.4	8
13	Ionizing radiation-induced DNA damage responses affect cell compressibility. Biochemical and Biophysical Research Communications, 2022, 603, 116-122.	2.1	8
14	Repair rates of DNA double-strand breaks under different doses of proton and Î³-ray irradiation. Nuclear Instruments & Methods in Physics Research B, 2012, 276, 1-6.	1.4	6
15	The effect of hyperthermia on the DNA damage response induced by Î³-rays, as determined through in situ cell tracking. Journal of Radiation Research, 2018, 59, 577-582.	1.6	3
16	Characterizing the DNA damage response in fibrosarcoma stem cells by in-situ cell tracking. International Journal of Radiation Biology, 2019, 95, 99-106.	1.8	3
17	PSD performance of EJ-276 and EJ-301 scintillator readout with SiPM array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1039, 167148.	1.6	2
18	An integrated on-line irradiation and in situ live cell imaging system. Nuclear Instruments & Methods in Physics Research B, 2015, 358, 26-31.	1.4	1