

# Qibin Fu

## List of Publications by Year in descending order

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18  
papers

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docs citations

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