

CITATION REPORT

List of articles citing

Ionizing radiation response of primary normal human lens epithelial cells

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#	Paper	IF	Citations
20	Ionizing radiation-induced cellular senescence promotes tissue fibrosis after radiotherapy. A review. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 129, 13-26	7	39
19	DNA damage induction during localized chronic exposure to an insoluble radioactive microparticle. <i>Scientific Reports</i> , 2019 , 9, 10365	4.9	7
18	Inverse dose-rate effect of ionising radiation on residual 53BP1 foci in the eye lens. <i>Scientific Reports</i> , 2019 , 9, 10418	4.9	21
17	A biologically based mathematical model for spontaneous and ionizing radiation cataractogenesis. <i>PLoS ONE</i> , 2019 , 14, e0221579	3.7	5
16	Modeling of yield estimation for DNA strand breaks based on Monte Carlo simulations of electron track structure in liquid water. <i>Journal of Applied Physics</i> , 2019 , 126, 124701	2.5	14
15	Recent discussions toward regulatory implementation of the new occupational equivalent dose limit for the lens of the eye and related studies in Japan. <i>International Journal of Radiation Biology</i> , 2019 , 95, 1103-1112	2.9	8
14	Cataractogenic load - A concept to study the contribution of ionizing radiation to accelerated aging in the eye lens. <i>Mutation Research - Reviews in Mutation Research</i> , 2019 , 779, 68-81	7	35
13	The use of in vitro transcriptional data to identify thresholds of effects in a human lens epithelial cell-line exposed to ionizing radiation. <i>International Journal of Radiation Biology</i> , 2019 , 95, 156-169	2.9	8
12	Risk of radiation-induced lens opacities among surgeons and interventional medical staff. <i>Radiological Physics and Technology</i> , 2019 , 12, 26-29	1.7	14
11	Effects of ionizing radiation on telomere length and telomerase activity in cultured human lens epithelium cells. <i>International Journal of Radiation Biology</i> , 2019 , 95, 54-63	2.9	5
10	An update on effects of ionizing radiation exposure on the eye. <i>British Journal of Radiology</i> , 2020 , 93, 20190829	3.4	20
9	Biomimetic Engineering of a Scavenger-Free Nitric Oxide-Generating/Delivering System to Enhance Radiation Therapy. <i>Small</i> , 2020 , 16, e2000655	11	10
8	Radioprotective role of uric acid: evidence from studies in Drosophila and human dermal fibroblast cells. <i>Molecular Biology Reports</i> , 2020 , 47, 2427-2436	2.8	4
7	In vitro exposure of human lens epithelial cells to X-rays at varied dose-rates leads to protein-level changes relevant to cataractogenesis. <i>International Journal of Radiation Biology</i> , 2021 , 97, 824-832	2.9	2
6	An investigation of early radiation damage in rainbow trout eye-lenses. <i>Radiation and Environmental Biophysics</i> , 2021 , 60, 421-430	2	
5	Sensitivity and latency of ionising radiation-induced cataract. <i>Experimental Eye Research</i> , 2021 , 212, 108772	3.7	1
4	Lens Epithelial Cell Proliferation in Response to Ionizing Radiation. <i>Radiation Research</i> , 2021 ,	3.1	1

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| 3 | Early Responses to Low-Dose Ionizing Radiation in Cellular Lens Epithelial Models. <i>Radiation Research</i> , 2021 , | 3.1 | 2 |
| 2 | Individual response of the ocular lens to ionizing radiation.. <i>International Journal of Radiation Biology</i> , 2022 , 1-54 | 2.9 | 0 |
| 1 | Regulatory implementation of the occupational equivalent dose limit for the lens of the eye and underlying relevant efforts in Japan. 1-54 | | |