

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

363 papers	6,623 citations	36 h-index	62 g-index
370 ext. papers	7,098 ext. citations	3.2 avg, IF	5.92 L-index

#	Paper	IF	Citations
363	Formation and growth of tracks in nuclear track materials. <i>Materials Science and Engineering Reports</i> , 2004 , 46, 51-123	30.9	284
362	Radiochromic film for medical radiation dosimetry. <i>Materials Science and Engineering Reports</i> , 2003 , 41, 61-120	30.9	226
361	Microstructural change of nano-SnO ₂ grain assemblages with the annealing temperature. <i>Physical Review B</i> , 1997 , 55, 2666-2671	3.3	224
360	Weak energy dependence of EBT gafchromic film dose response in the 50 kVp-10 MVp X-ray range. <i>Applied Radiation and Isotopes</i> , 2006 , 64, 60-2	1.7	167
359	Post-irradiation colouration of Gafchromic EBT radiochromic film. <i>Physics in Medicine and Biology</i> , 2005 , 50, N281-5	3.8	154
358	Fingerprinting metals in urban street dust of Beijing, Shanghai, and Hong Kong. <i>Environmental Science & Technology</i> , 2008 , 42, 7111-7	10.3	136
357	The assessment of the natural radiation dose committed to the Hong Kong people. <i>Journal of Environmental Radioactivity</i> , 1992 , 17, 31-48	2.4	132
356	Self-Monitoring and Self-Delivery of Photosensitizer-Doped Nanoparticles for Highly Effective Combination Cancer Therapy in Vitro and in Vivo. <i>ACS Nano</i> , 2015 , 9, 9741-56	16.7	129
355	Determination of multi-element profiles of street dust using energy dispersive X-ray fluorescence (EDXRF). <i>Applied Radiation and Isotopes</i> , 2003 , 58, 339-46	1.7	121
354	Multilayer Gafchromic film detectors for breast skin dose determination in vivo. <i>Physics in Medicine and Biology</i> , 2002 , 47, N31-7	3.8	121
353	Identifying the impact of large urban airports on local air quality by nonparametric regression. <i>Atmospheric Environment</i> , 2004 , 38, 4501-4507	5.3	110
352	Computer program TRACK_TEST for calculating parameters and plotting profiles for etch pits in nuclear track materials. <i>Computer Physics Communications</i> , 2006 , 174, 160-165	4.2	79
351	Energy response of the new EBT2 radiochromic film to x-ray radiation. <i>Radiation Measurements</i> , 2010 , 45, 836-839	1.5	78
350	Effects of read-out light sources and ambient light on radiochromic film. <i>Physics in Medicine and Biology</i> , 1998 , 43, 2407-12	3.8	69
349	The uptake, distribution and elimination of paralytic shellfish toxins in mussels and fish exposed to toxic dinoflagellates. <i>Aquatic Toxicology</i> , 2006 , 80, 82-91	5.1	61
348	Effects on skin dose from unwanted air gaps under bolus in photon beam radiotherapy. <i>Radiation Measurements</i> , 2000 , 32, 201-204	1.5	61
347	Up-regulation of ROS by mitochondria-dependent bystander signaling contributes to genotoxicity of bystander effects. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009 , 666, 68-73	3.3	58

346	Folic acid conjugated self-assembled layered double hydroxide nanoparticles for high-efficacy-targeted drug delivery. <i>Chemical Communications</i> , 2013 , 49, 10938-40	5.8	56
345	Photo-degradation of PADC by UV radiation at various wavelengths. <i>Polymer Degradation and Stability</i> , 2006 , 91, 2380-2388	4.7	56
344	Rescue effects in radiobiology: unirradiated bystander cells assist irradiated cells through intercellular signal feedback. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 706, 59-64	3.3	54
343	Three-dimensional analytical determination of the track parameters: over-etched tracks. <i>Radiation Measurements</i> , 2003 , 37, 39-45	1.5	51
342	Verification and dosimetric impact of Acuros XB algorithm on intensity modulated stereotactic radiotherapy for locally persistent nasopharyngeal carcinoma. <i>Medical Physics</i> , 2012 , 39, 4705-14	4.4	48
341	Non-thermal plasma treatment altered gene expression profiling in non-small-cell lung cancer A549 cells. <i>BMC Genomics</i> , 2015 , 16, 435	4.5	46
340	Self-Assembly of Electron Donor-Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 11355-65	9.5	46
339	Experimental verification of the Acuros XB and AAA dose calculation adjacent to heterogeneous media for IMRT and RapidArc of nasopharyngeal carcinoma. <i>Medical Physics</i> , 2013 , 40, 031714	4.4	45
338	Dose and absorption spectra response of EBT2 Gafchromic film to high energy x-rays. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2009 , 32, 196-202	1.9	44
337	Dosimetric impact of using the Acuros XB algorithm for intensity modulated radiation therapy and RapidArc planning in nasopharyngeal carcinomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, e73-80	4	43
336	Effects of stirring on the bulk etch rate of CR-39 detector. <i>Radiation Measurements</i> , 2003 , 36, 141-143	1.5	43
335	Nitric oxide mediated DNA double strand breaks induced in proliferating bystander cells after alpha-particle irradiation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 684, 81-9	3.3	42
334	Non-thermal plasma inhibits human cervical cancer HeLa cells invasiveness by suppressing the MAPK pathway and decreasing matrix metalloproteinase-9 expression. <i>Scientific Reports</i> , 2016 , 6, 19720	4.9	42
333	Extrapolated surface dose measurements with radiochromic film. <i>Medical Physics</i> , 1999 , 26, 485-488	4.4	40
332	Radiation-induced bystander effect: early process and rapid assessment. <i>Cancer Letters</i> , 2015 , 356, 137-49	4.9	36
331	Improved polyvinylpyrrolidone microneedle arrays with non-stoichiometric cyclodextrin. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1699-1705	7.3	36
330	Radioadaptive response induced by alpha-particle-induced stress communicated in vivo between zebrafish embryos. <i>Environmental Science & Technology</i> , 2010 , 44, 8829-34	10.3	36
329	Measurement of high energy x-ray beam penumbra with Gafchromic EBT radiochromic film. <i>Medical Physics</i> , 2006 , 33, 2912-4	4.4	36

328	Effects of stirring on the bulk etch rate of LR 115 detector. <i>Radiation Measurements</i> , 2003 , 37, 197-200	1.5	36
327	Measuring depths of sub-micron tracks in a CR-39 detector from replicas using Atomic Force Microscopy. <i>Radiation Measurements</i> , 2005 , 40, 380-383	1.5	36
326	Monte Carlo calculated output factors of a Leksell Gamma Knife unit. <i>Physics in Medicine and Biology</i> , 1999 , 44, N247-9	3.8	35
325	Monte Carlo calculation of single-beam dose profiles used in a gamma knife treatment planning system. <i>Medical Physics</i> , 1998 , 25, 1673-5	4.4	34
324	Independence of calibration curves for EBT Gafchromic films of the size of high-energy X-ray fields. <i>Applied Radiation and Isotopes</i> , 2006 , 64, 1027-30	1.7	34
323	Long-term measurements of radon progeny concentrations with solid-state nuclear track detectors. <i>Radiation Measurements</i> , 2005 , 40, 560-568	1.5	34
322	Measuring solar UV radiation with EBT radiochromic film. <i>Physics in Medicine and Biology</i> , 2010 , 55, N487-93	3.8	33
321	Comparative studies of etching mechanisms of CR-39 in NaOH/H ₂ O and NaOH/ethanol. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 263, 300-305	1.2	33
320	Effects of temperature variation on MOSFET dosimetry. <i>Physics in Medicine and Biology</i> , 2004 , 49, N191-6	3.8	33
319	Designing experimental setup and procedures for studying alpha-particle-induced adaptive response in zebrafish embryos in vivo. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010 , 268, 651-656	1.2	32
318	Uptake, elimination, and biotransformation of aqueous and dietary DDT in marine fish. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 2053-63	3.8	32
317	Rescue effects: irradiated cells helped by unirradiated bystander cells. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 2591-609	6.3	31
316	Experimental energy response verification of XR type T radiochromic film. <i>Physics in Medicine and Biology</i> , 2004 , 49, N371-6	3.8	31
315	Verification of lung dose in an anthropomorphic phantom calculated by the collapsed cone convolution method. <i>Physics in Medicine and Biology</i> , 2000 , 45, N143-9	3.8	31
314	Could very high energy gamma rays from the Crab Nebula result from p-p collision?. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1990 , 16, 1115-1121	2.9	31
313	Adaptive response in zebrafish embryos induced using microbeam protons as priming dose and X-ray photons as challenging dose. <i>Journal of Radiation Research</i> , 2010 , 51, 657-64	2.4	30
312	XR type-R radiochromic film x-ray energy response. <i>Physics in Medicine and Biology</i> , 2005 , 50, N195-9	3.8	30
311	Assessment of environmental radon hazard using human respiratory tract models. <i>Journal of Hazardous Materials</i> , 2006 , 132, 98-110	12.8	30

310	Calculations of track parameters and plots of track openings and wall profiles in CR39 detector. <i>Radiation Measurements</i> , 2003 , 37, 595-601	1.5	30
309	Radiochromic film dosimetry in water phantoms. <i>Physics in Medicine and Biology</i> , 2001 , 46, N27-31	3.8	30
308	High sensitivity radiochromic film dose comparisons. <i>Physics in Medicine and Biology</i> , 2002 , 47, N291-5	3.8	30
307	Ultraviolet radiation dosimetry with radiochromic film. <i>Physics in Medicine and Biology</i> , 2000 , 45, 1863-8	3.8	30
306	Measurement of off-axis and peripheral skin dose using radiochromic film. <i>Physics in Medicine and Biology</i> , 1998 , 43, 2647-50	3.8	30
305	Concentrations of ²²² Rn, ²²⁰ Rn and their progeny in residences in Hong Kong. <i>Journal of Environmental Radioactivity</i> , 1999 , 45, 291-308	2.4	29
304	Particle irradiated zebrafish embryos rescued by bystander unirradiated zebrafish embryos. <i>Environmental Science & Technology</i> , 2012 , 46, 226-31	10.3	28
303	Exogenous carbon monoxide protects the bystander Chinese hamster ovary cells in mixed coculture system after alpha-particle irradiation. <i>Carcinogenesis</i> , 2010 , 31, 275-80	4.6	28
302	Uptake and depuration of paralytic shellfish toxins in the green-lipped mussel, <i>Perna viridis</i> : a dynamic model. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 129-35	3.8	28
301	Corresponding dose response of radiographic film with layered gafchromic film. <i>Physics in Medicine and Biology</i> , 2002 , 47, N285-9	3.8	28
300	A preliminary study on the radon concentrations in water in Hong Kong and the associated health effects. <i>Applied Radiation and Isotopes</i> , 1994 , 45, 809-10	1.7	28
299	Cold atmospheric plasma induces GSDME-dependent pyroptotic signaling pathway via ROS generation in tumor cells. <i>Cell Death and Disease</i> , 2020 , 11, 295	9.8	27
298	Alpha-particle-induced bystander effects between zebrafish embryos in vivo. <i>Radiation Measurements</i> , 2009 , 44, 1077-1080	1.5	27
297	Experimental setup for studying the effects of alpha particles on zebrafish embryos. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 264, 171-176	1.2	27
296	Simple preparation of thin CR-39 detectors for alpha-particle radiobiological experiments. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 263, 290-293	1.2	27
295	Computer program TRACK_VISION for simulating optical appearance of etched tracks in CR-39 nuclear track detectors. <i>Computer Physics Communications</i> , 2008 , 178, 591-595	4.2	27
294	Studies of biocompatibility of chemically etched CR-39 SSNTDs in view of their applications in alpha-particle radiobiological experiments. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006 , 248, 319-323	1.2	27
293	Bystander effect between zebrafish embryos in vivo induced by high-dose X-rays. <i>Environmental Science & Technology</i> , 2013 , 47, 6368-76	10.3	26

292	Effects of alpha particles on zebrafish embryos. <i>Applied Radiation and Isotopes</i> , 2010 , 68, 714-7	1.7	26
291	Polarization effects on a high-sensitivity radiochromic film. <i>Physics in Medicine and Biology</i> , 2003 , 48, N207-11	3.8	26
290	Measurements of atmospheric ⁷ Be properties using high-efficiency gamma spectroscopy. <i>Applied Radiation and Isotopes</i> , 2002 , 57, 941-6	1.7	26
289	Embryos of the zebrafish <i>Danio rerio</i> in studies of non-targeted effects of ionizing radiation. <i>Cancer Letters</i> , 2015 , 356, 91-104	9.9	25
288	Biphasic and triphasic dose responses in zebrafish embryos to low-dose 150 kV X-rays with different levels of hardness. <i>Journal of Radiation Research</i> , 2016 , 57, 363-9	2.4	25
287	Megavoltage x-ray skin dose variation with an angle using grid carbon fibre couch tops. <i>Physics in Medicine and Biology</i> , 2007 , 52, N485-92	3.8	25
286	Thermoluminescence characteristics and dose responses in MgSO ₄ :Dy, P and MgSO ₄ :Dy, P, Cu phosphors. <i>Journal Physics D: Applied Physics</i> , 1999 , 32, 3068-3074	3	24
285	Nonequilibrium thermodynamic fluctuations of charged dilaton black holes. <i>Physical Review D</i> , 1993 , 48, 3473-3477	4.9	24
284	Triphasic low-dose response in zebrafish embryos irradiated by microbeam protons. <i>Journal of Radiation Research</i> , 2012 , 53, 475-81	2.4	24
283	Scanning orientation and polarization effects for XRQA radiochromic film. <i>Physica Medica</i> , 2010 , 26, 216-27	2.7	23
282	Determination of multi-element profiles of soil using energy dispersive X-ray fluorescence (EDXRF). <i>Applied Radiation and Isotopes</i> , 2002 , 57, 279-84	1.7	23
281	Use of multiple layers of Gafchromic film to increase sensitivity. <i>Physics in Medicine and Biology</i> , 2001 , 46, N235-40	3.8	23
280	Comparison of Epson scanner quality for radiochromic film evaluation. <i>Journal of Applied Clinical Medical Physics</i> , 2012 , 13, 3957	2.3	22
279	Measurement of energy dependence for XRCT radiochromic film. <i>Medical Physics</i> , 2006 , 33, 2923-5	4.4	22
278	Rounded end multi-leaf penumbral measurements with radiochromic film. <i>Physics in Medicine and Biology</i> , 2003 , 48, N247-52	3.8	22
277	A fast method to measure the thickness of removed layer from etching of SSNTD based on EDXRF. <i>Radiation Measurements</i> , 2003 , 36, 161-164	1.5	22
276	Peripheral dose measurement with a MOSFET detector. <i>Applied Radiation and Isotopes</i> , 2005 , 62, 631-4	1.7	22
275	Unirradiated cells rescue cells exposed to ionizing radiation: Activation of NF- κ B pathway in irradiated cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015 , 782, 23-33	3.3	21

274	Variations in skin dose associated with linac bed material at 6 MV x-ray energy. <i>Physics in Medicine and Biology</i> , 2002 , 47, N25-30	3.8	21
273	Stereotactic dose planning system used in Leksell Gamma Knife model-B: EGS4 Monte Carlo versus GafChromic films MD-55. <i>Applied Radiation and Isotopes</i> , 2000 , 53, 427-30	1.7	21
272	Monte Carlo calculations and GafChromic film measurements for plugged collimator helmets of Leksell Gamma Knife unit. <i>Medical Physics</i> , 1999 , 26, 1252-6	4.4	20
271	Diamond-Nanoneedle-Array-Facilitated Intracellular Delivery and the Potential Influence on Cell Physiology. <i>Advanced Healthcare Materials</i> , 2016 , 5, 1157-68	10.1	19
270	Scanner uniformity improvements for radiochromic film analysis with matt reflectance backing. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2011 , 34, 401-7	1.9	19
269	Biokinetics and biotransformation of DDTs in the marine green mussels <i>Perna viridis</i> . <i>Aquatic Toxicology</i> , 2009 , 93, 196-204	5.1	19
268	A study of radioactivities in six types of fish consumed in Hong Kong. <i>Applied Radiation and Isotopes</i> , 1997 , 48, 515-9	1.7	19
267	Trophic transfer of paralytic shellfish toxins from clams (<i>Ruditapes philippinarum</i>) to gastropods (<i>Nassarius festivus</i>). <i>Chemosphere</i> , 2006 , 64, 1642-9	8.4	19
266	Reflection spectrometry analysis of irradiated GAFCHROMIC XR type R radiochromic films. <i>Applied Radiation and Isotopes</i> , 2005 , 63, 127-9	1.7	19
265	Are radon gas measurements adequate for epidemiological studies and case control studies of radon-induced lung cancer?. <i>Radiation Protection Dosimetry</i> , 2005 , 113, 233-5	0.9	19
264	Mechanism of protection of bystander cells by exogenous carbon monoxide: impaired response to damage signal of radiation-induced bystander effect. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 709-710, 1-6	3.3	18
263	Surface dose extrapolation measurements with radiographic film. <i>Physics in Medicine and Biology</i> , 2004 , 49, N197-201	3.8	18
262	Analyses of airborne ⁷ Be concentrations in Hong Kong using back-trajectories. <i>Atmospheric Environment</i> , 2004 , 38, 7033-7040	5.3	18
261	Radiochromic film: the new x-ray dosimetry and imaging tool. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2004 , 27, 230	1.9	18
260	Non-destructive measurement of active-layer thickness of LR 115 SSNTD. <i>Radiation Measurements</i> , 2004 , 38, 1-3	1.5	18
259	Comparison among alpha-particle energy losses in air obtained from data of SRIM, ICRU and experiments. <i>Applied Radiation and Isotopes</i> , 2003 , 59, 363-366	1.7	18
258	Induction of autophagy and interleukin 6 secretion in bystander cells: metabolic cooperation for radiation-induced rescue effect?. <i>Journal of Radiation Research</i> , 2018 , 59, 129-140	2.4	18
257	Measurement of dose reductions for superficial x-rays backscattered from bone interfaces. <i>Physics in Medicine and Biology</i> , 2008 , 53, N329-36	3.8	17

256	Measurement of radiotherapy superficial X-ray dose under eye shields with radiochromic film. <i>Physica Medica</i> , 2008 , 24, 29-33	2.7	17
255	Absorbed dose in target cell nuclei and dose conversion coefficient of radon progeny in the human lung. <i>Journal of Environmental Radioactivity</i> , 2006 , 89, 18-29	2.4	17
254	Theoretical basis for long-term measurements of equilibrium factors using LR 115 detectors. <i>Applied Radiation and Isotopes</i> , 2004 , 61, 1431-5	1.7	17
253	UV-B damages eyes of barnacle larvae and impairs their photoresponses and settlement success. <i>Environmental Science & Technology</i> , 2003 , 37, 1089-92	10.3	17
252	Gene profiling characteristics of radioadaptive response in AG01522 normal human fibroblasts. <i>PLoS ONE</i> , 2015 , 10, e0123316	3.7	17
251	Hormetic effect induced by alpha-particle-induced stress communicated in vivo between zebrafish embryos. <i>Environmental Science & Technology</i> , 2012 , 46, 11678-83	10.3	16
250	Adaptive response to ionising radiation induced by cadmium in zebrafish embryos. <i>Journal of Radiological Protection</i> , 2013 , 33, 101-12	1.2	16
249	Biokinetics of paralytic shellfish toxins in the green-lipped mussel, <i>Perna viridis</i> . <i>Marine Pollution Bulletin</i> , 2007 , 54, 1068-71	6.7	16
248	Silica Fume as a Radon Retardant from Concrete. <i>Environmental Science & Technology</i> , 2000 , 34, 2284-2287	10.3	16
247	Nonequilibrium thermodynamic fluctuations and phase transition in black holes. <i>Physical Review D</i> , 1994 , 50, 2932-2934	4.9	16
246	Thermodynamics for black strings and p-branes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994 , 195, 307-311	2.3	16
245	Application of high resolution gamma ray spectrometry in measuring radioactivities in drinks in Hong Kong. <i>Applied Radiation and Isotopes</i> , 1994 , 45, 1031-1034	1.7	16
244	The use of biologically related model (Eclipse) for the intensity-modulated radiation therapy planning of nasopharyngeal carcinomas. <i>PLoS ONE</i> , 2014 , 9, e112229	3.7	16
243	Low concentration of exogenous carbon monoxide protects mammalian cells against proliferation induced by radiation-induced bystander effect. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014 , 759, 9-15	3.3	15
242	Public health risk of mercury in China through consumption of vegetables, a modelling study. <i>Environmental Research</i> , 2017 , 159, 152-157	7.9	15
241	Solar ultraviolet radiation response of EBT2 Gafchromic, radiochromic film. <i>Physics in Medicine and Biology</i> , 2013 , 58, N287-94	3.8	15
240	The multiple stressor effect in zebrafish embryos from simultaneous exposure to ionising radiation and cadmium. <i>Journal of Radiological Protection</i> , 2013 , 33, 113-21	1.2	15
239	Chemical etching characteristics for cellulose nitrate. <i>Materials Chemistry and Physics</i> , 2006 , 95, 307-312	4.4	15

238	Measurement of bulk etch rate of LR115 detector with atomic force microscopy. <i>Radiation Measurements</i> , 2002 , 35, 571-573	1.5	15
237	The variation of radon exhalation rates from concrete surfaces of different ages. <i>Building and Environment</i> , 1996 , 31, 255-257	6.5	15
236	Dense diamond nanoneedle arrays for enhanced intracellular delivery of drug molecules to cell lines. <i>Journal of Materials Science</i> , 2015 , 50, 7800-7807	4.3	14
235	A comprehensive dosimetric evaluation of using RapidArc volumetric-modulated arc therapy for the treatment of early-stage nasopharyngeal carcinoma. <i>Journal of Applied Clinical Medical Physics</i> , 2012 , 13, 3887	2.3	14
234	Locating the origins of blue and white porcelains using EDXRF. <i>Applied Radiation and Isotopes</i> , 1997 , 48, 959-963	1.7	14
233	Experimental study of track density distribution on LR115 detector and deposition fraction of ²¹⁸ Po in diffusion chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 491, 470-473	1.2	14
232	Effects of different deposition models on the calculated dose conversion factors from ²²² Rn progeny. <i>Journal of Environmental Radioactivity</i> , 2002 , 61, 305-18	2.4	14
231	Effective mass of omega meson and NN omega interaction at finite temperature and density. <i>Physical Review C</i> , 1994 , 49, 40-45	2.7	14
230	A diamond nanocone array for improved osteoblastic differentiation. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3390-3396	7.3	13
229	Induction of Non-Targeted Stress Responses in Mammary Tissues by Heavy Ions. <i>PLoS ONE</i> , 2015 , 10, e0136307	3.7	13
228	Alpha radiation exposure decreases apoptotic cells in zebrafish embryos subsequently exposed to the chemical stressor, Cd. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 3831-9	5.1	13
227	A review on the use of grid-based Boltzmann equation solvers for dose calculation in external photon beam treatment planning. <i>BioMed Research International</i> , 2013 , 2013, 692874	3	13
226	Absorption spectra response of XRQA radiochromic film to x-ray radiation. <i>Radiation Measurements</i> , 2010 , 45, 129-132	1.5	13
225	Equilibrium factor determination using SSNTDs. <i>Radiation Measurements</i> , 2008 , 43, S357-S363	1.5	13
224	A simple and versatile ²²² Rn/ ²²⁰ Rn exposure chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 481, 749-755 ^{1.2}		13
223	Deposition fractions of ²¹⁸ Po in diffusion chambers. <i>Applied Radiation and Isotopes</i> , 2003 , 59, 49-52	1.7	13
222	Indoor dose conversion coefficients for radon progeny for different ambient environments. <i>Environmental Science & Technology</i> , 2001 , 35, 2136-40	10.3	13
221	Photoacoustic investigation of the quantum size effect and thermal properties in ZrO ₂ nanoclusters. <i>Physical Review B</i> , 1994 , 49, 5607-5610	3.3	13

220	Radiation-induced rescue effect. <i>Journal of Radiation Research</i> , 2019 , 60, 163-170	2.4	13
219	Combined effects of depleted uranium and ionising radiation on zebrafish embryos. <i>Radiation Protection Dosimetry</i> , 2015 , 167, 311-5	0.9	12
218	Neutron induced bystander effect among zebrafish embryos. <i>Radiation Physics and Chemistry</i> , 2015 , 117, 153-159	2.5	12
217	The threshold number of protons to induce an adaptive response in zebrafish embryos. <i>Journal of Radiological Protection</i> , 2013 , 33, 91-100	1.2	12
216	Reduction of Solar UV Radiation Due to Urban High-Rise Buildings--A Coupled Modelling Study. <i>PLoS ONE</i> , 2015 , 10, e0135562	3.7	12
215	Optical appearance of alpha-particle tracks in CR-39 SSNTDs. <i>Radiation Measurements</i> , 2008 , 43, S128-S134	1.3	12
214	Solving the track wall equation by the finite difference method. <i>Radiation Measurements</i> , 2008 , 43, S76-S78	1.3	12
213	Passive monitoring of the equilibrium factor inside a radon exposure chamber using bare LR 115 SSNTDs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 564, 319-323	1.2	12
212	Dose distribution close to metal implants in Gamma Knife Radiosurgery: a Monte Carlo study. <i>Medical Physics</i> , 2003 , 30, 1812-5	4.4	12
211	Low-dose measurement with a MOSFET in high-energy radiotherapy applications. <i>Radiation Measurements</i> , 2005 , 39, 91-94	1.5	12
210	Dosimetry of blood irradiation with radiochromic film. <i>Transfusion Medicine</i> , 1999 , 9, 205-8	1.3	12
209	Akt/mTOR mediated induction of bystander effect signaling in a nucleus independent manner in irradiated human lung adenocarcinoma epithelial cells. <i>Oncotarget</i> , 2017 , 8, 18010-18020	3.3	12
208	Study of pollution dispersion in urban areas using Computational Fluid Dynamics (CFD) and Geographic Information System (GIS) 2005 , 20, 273-273		12
207	Some properties of the signals involved in unirradiated zebrafish embryos rescuing α -particle irradiated zebrafish embryos. <i>International Journal of Radiation Biology</i> , 2014 , 90, 1133-42	2.9	11
206	Effects of exogenous carbon monoxide on radiation-induced bystander effect in zebrafish embryos in vivo. <i>Applied Radiation and Isotopes</i> , 2012 , 70, 1075-9	1.7	11
205	Radon emanation from concrete surfaces and the effect of the curing period, pulverized fuel ash (PFA) substitution and age. <i>Applied Radiation and Isotopes</i> , 1997 , 48, 1003-1007	1.7	11
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203	Evaluation of a fluorescent light densitometer for radiochromic film analysis. <i>Radiation Measurements</i> , 2002 , 35, 13-16	1.5	11

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