David A Bradley

List of Publications by Year
in descending order

197 papers	3,151 citations	172457 29 h-index	243625 44 g-index
197 all docs	197 docs citations	197 times ranked	1664 citing authors

#	Article	IF	Citations
1	Studies of the mechanical and neutron shielding features of concrete by incorporation of green additive materials: Experimental and numerical study. Radiation Physics and Chemistry, 2022, 191, 109846.	2.8	14
2	Renoprotection of Selected Antioxidant-Rich Foods (Water Spinach and Red Grape) and Probiotics in Gentamicin-Induced Nephrotoxicity and Oxidative Stress in Rats. Life, 2022, 12, 60.	2.4	15
3	A New Octagonal Close Ring Resonator Based Dumbbell-Shaped Tuning Fork Perfect Metamaterial Absorber for C- and Ku-Band Applications. Micromachines, 2022, 13, 162.	2.9	15
4	Raman spectroscopy biochemical characterisation of bladder cancer cisplatin resistance regulated by FDFT1: a review. Cellular and Molecular Biology Letters, 2022, 27, 9.	7.0	13
5	Assessment of Radioactive Materials in Albite Granites from Abu Rusheid and Um Naggat, Central Eastern Desert, Egypt. Minerals (Basel, Switzerland), 2022, 12, 120.	2.0	7
6	Evaluation of the annual occupational effective doses in a SPECT/CT department. Applied Radiation and Isotopes, 2022, 181, 110097.	1.5	7
7	Radiation induced defects in graphite. Applied Radiation and Isotopes, 2022, 182, 110141.	1.5	10
8	Biogenic Synthesis of AgNPs Using Aqueous Bark Extract of Aesculus indica for Antioxidant and Antimicrobial Applications. Crystals, 2022, 12, 252.	2.2	6
9	Time-Resolved Radioluminescence Dosimetry Applications and the Influence of Ge Dopants In Silica Optical Fiber Scintillators. Quantum Beam Science, 2022, 6, 15.	1.2	2
10	Assessment of radioactivity in Granitoids at Nikeiba, Southeastern Desert, Egypt; radionuclides concentrations and radiological hazard parameters. Radiation Physics and Chemistry, 2022, 200, 110113.	2.8	10
11	Insights into Sorptionâ€“Mineralization Mechanism for Sustainable Granular Composite of MgO-CaO-Al2O3-SiO2-CO2 Based on Nanosized Adsorption Centers and Its Effect on Aqueous Cu(II) Removal. Nanomaterials, 2022, 12, 116.	4.1	3
12	A-Site Cation Size Effect on Structure and Magnetic Properties of Sm(Eu,Gd)Cr0.2Mn0.2Fe0.2Co0.2Ni0.2O3 High-Entropy Solid Solutions. Nanomaterials, 2022, 12, 36.	4.1	15
13	Comparison of Dosimetry Protocols for Electron Beam Radiotherapy Calibrations and Measurement Uncertainties. Life, 2022, 12, 31.	2.4	1
14	Development and Analysis of Coding and Tailored Metamaterial for Terahertz Frequency Applications. Materials, 2022, 15, 2777.	2.9	7
15	Gender based lung cancer risks for symptomatic coronary artery disease patients undergone cardiac CT. PLoS ONE, 2022, 17, e0265609.	2.5	0
16	Impact of dosimeter size on energy dependence: An experimental study on glass TLDs. Radiation Physics and Chemistry, 2022, 200, 110176.	2.8	1
17	Studies of defect states and kinetic parameters of car windscreen for thermoluminescence retrospective dosimetry. Applied Radiation and Isotopes, 2022, 186, 110271.	1.5	11
18	Determination of Fe and Tb concentrations in geological and environmental samples using the instrumental neutron activation analysis method combined with the Î³ â^’ Î³ coincidence technique. Radiation Physics and Chemistry, 2022, , 110203.	2.8	1

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19	Use of tourmaline-based healthcare products and associated radiation risks. Radiation Physics and Chemistry, 2022, 200, 110276.	2.8	1
20	Modified irradiation technique for transfusable blood using a clinical linear accelerator. Radiation Physics and Chemistry, 2022, 200, 110277.	2.8	0
21	A cross-validation study of Ge-doped silica optical fibres and TLD-100 systems for high energy photon dosimetry audit under non-reference conditions. Radiation Physics and Chemistry, 2022, 200, 110232.	2.8	6
22	Evaluation of perturbation effects for various size TLDs in small field dosimetry. Radiation Physics and Chemistry, 2022, 200, 110256.	2.8	1
23	Geant4 track structure simulation of electron beam interaction with a gold nanoparticle. Radiation Physics and Chemistry, 2022, 200, 110278.	2.8	4
24	External dose assessment of NORM added consumer products using Geant4 Monte Carlo simulations. Radiation Physics and Chemistry, 2022, 200, 110275.	2.8	1
25	Structural and defect changes in black carbon charcoal irradiated with gamma ray. Radiation Physics and Chemistry, 2022, 200, 110331.	2.8	1
26	Evaluation of paediatric computed tomography imaging for brain, and abdomen procedures. Radiation Physics and Chemistry, 2022, 200, 110271.	2.8	5
27	2D and 3D dose analysis of PRESAGEÂ® dosimeter using a prototype 3DmicroHD-OCT imaging system. Radiation Physics and Chemistry, 2022, 200, 110312.	2.8	4
28	Tuning fork-hammer shaped perfect metamaterial absorber for C-band applications. Radiation Physics and Chemistry, 2022, 200, 110262.	2.8	4
29	Thoron activity concentration in Malaysian soil gas: Geogenic impact assessment. Radiation Physics and Chemistry, 2022, 200, 110303.	2.8	1
30	Effective radiation doses in neck computed tomography scans. Radiation Physics and Chemistry, 2022, 200, 110340.	2.8	2
31	Assessment of the effective radiation dose and radiogenic effect in intravenous urography imaging procedures. Radiation Physics and Chemistry, 2022, 200, 110351.	2.8	0
32	The significance of nuclear data in the production of radionuclides for theranostic/therapeutic applications. Radiation Physics and Chemistry, 2022, 200, 110342.	2.8	17
33	Estimate of effective dose for adult patients from nuclear medicine examinations in Sudan. Radiation Physics and Chemistry, 2022, 200, 110330.	2.8	3
34	Morphology and thermoluminescence characteristics of customised Ge-doped optical fibre under Amâ€“Be neutron source as a potential to be used for space radiation detector. Radiation Physics and Chemistry, 2022, 200, 110378.	2.8	0
35	A review of micro silica beads in radiation dosimetry applications. Radiation Physics and Chemistry, 2022, 200, 110367.	2.8	1
36	Effective radiation dose and radiogenic cancer risk during contrast enhanced abdominal computed tomography examinations. Radiation Physics and Chemistry, 2022, 200, 110328.	2.8	6

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37	Anthropomorphic phantom organ dose assessment using optically stimulated luminescence dosimeters unified in multi-detector computed tomography. Radiation Physics and Chemistry, 2022, 200, 110383.	2.8	1
38	Al2O3:C and LiF: Mg, Ti characterisations at 100â€“150ÂkV energy range for computed tomography dose measurement. Radiation Physics and Chemistry, 2022, 199, 110365.	2.8	2
39	Characterisation of graphite-based material for dosimetry in the mammographic energy range. Radiation Physics and Chemistry, 2022, 201, 110405.	2.8	4
40	Short-term retention of 99mTc activity in bone scintigraphy. Radiation Physics and Chemistry, 2021, 178, 108907.	2.8	5
41	Patient radiation dose reduction using a commercial iterative reconstruction technique package. Radiation Physics and Chemistry, 2021, 178, 108996.	2.8	23
42	Current Sudan protective practice in diagnostic nuclear medicine and patient dose. Radiation Physics and Chemistry, 2021, 178, 108997.	2.8	4
43	Passive dosimetry of electron irradiated borosilicate glass slides. Radiation Physics and Chemistry, 2021, 178, 108903.	2.8	4
44	Burnâ€up calculation of the neutronic and safety parameters of thoriumâ€uranium mixed oxide fuel cycle in a Westinghouse small modular reactor. International Journal of Energy Research, 2021, 45, 12013-12028.	4.5	9
45	Radiation risk for patients undergoing cardiac computed tomography examinations. Applied Radiation and Isotopes, 2021, 168, 109520.	1.5	4
46	Facile Synthesis of High-Quality Nano-Size 10B-Enriched Fibers of Hexagonal Boron Nitride. Crystals, 2021, 11, 222.	2.2	3
47	Structural, Optical, and Antibacterial Efficacy of Pure and Zinc-Doped Copper Oxide Against Pathogenic Bacteria. Nanomaterials, 2021, 11, 451.	4.1	46
48	Elevated Concentrations of Metal(loids) in Seaweed and the Concomitant Exposure to Humans. Foods, 2021, 10, 381.	4.3	29
49	Indication of high lipid content in epithelial-mesenchymal transitions of breast tissues. Scientific Reports, 2021, 11, 3250.	3.3	11
50	High Mobility Reactive Sputtered CuxO Thin Film for Highly Efficient and Stable Perovskite Solar Cells. Crystals, 2021, 11, 389.	2.2	13
51	Fading and residual responses for thermoluminescent dosimetry of silica beads irradiated using a high-dose electron-beam. Radiation Physics and Chemistry, 2021, 182, 109366.	2.8	2
52	Multivariate visualization of the global COVID-19 pandemic: A comparison of 161 countries. PLoS ONE, 2021, 16, e0252273.	2.5	12
53	Assessment of Imaging Protocol and Patients Radiation Exposure in Computed Tomography Colonography. Applied Sciences (Switzerland), 2021, 11, 4761.	2.5	5
54	ASSESSMENT OF PATIENTâ€™S RADIATION EXPOSURES RESULTED FROM PET/CT 18F-FCH AND 68GA-PSMA PROCEDURES. Radiation Protection Dosimetry, 2021, 195, 349-354.	0.8	2

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55	Enhanced Optical and Antibacterial Activity of Hydrothermally Synthesized Cobalt-Doped Zinc Oxide Cylindrical Microcrystals. Materials, 2021, 14, 3223.	2.9	35
56	Calculation of secondary radiation absorbed doses due to the proton therapy on breast cancer using MCNPX code. Radiation Physics and Chemistry, 2021, 183, 109427.	2.8	13
57	Levels and health risk assessment of heavy metals in dried fish consumed in Bangladesh. Scientific Reports, 2021, 11, 14642.	3.3	36
58	Evaluation of production cross-sections for theranostic 67Cu radionuclide via proton-induced nuclear reaction on 68Zn target. Applied Radiation and Isotopes, 2021, 173, 109735.	1.5	3
59	Occupational exposure and radiobiological risk from thyroid radioiodine therapy in Saudi Arabia. Scientific Reports, 2021, 11, 14557.	3.3	11
60	Skin dose assessment at diagnostic and therapeutic photon energies: A Monte Carlo study on TLDs. Radiation Physics and Chemistry, 2021, 185, 109502.	2.8	4
61	A Novel Hybrid Learning System Using Modified Breaking Ties Algorithm and Multinomial Logistic Regression for Classification and Segmentation of Hyperspectral Images. Applied Sciences (Switzerland), 2021, 11, 7614.	2.5	4
62	Phytochemicals from Leucas zeylanica Targeting Main Protease of SARS-CoV-2: Chemical Profiles, Molecular Docking, and Molecular Dynamics Simulations. Biology, 2021, 10, 789.	2.8	30
63	Photonic crystal fibre as a potential medium for radiotherapy dosimetry. Applied Radiation and Isotopes, 2021, 174, 109771.	1.5	5
64	Comparison of Radiation dose and Image Quality in Head CT Scans Among Multidetector CT Scanners. Radiation Protection Dosimetry, 2021, 196, 10-16.	0.8	2
65	Low radiation dose to treat pneumonia and other inflammations. British Journal of Radiology, 2021, 94, 20201265.	2.2	11
66	Graphite sheets in study of radiation dosimetry and associated investigations of damage. Applied Radiation and Isotopes, 2021, 174, 109769.	1.5	12
67	A lanthanum-barium-borovanadate glass containing Bi2O3 for radiation shielding applications. Radiation Physics and Chemistry, 2021, 186, 109557.	2.8	19
68	Radiation shielding and mechanical properties of Bi2O3â€“Na2Oâ€“TiO2â€–ZnOâ€–TeO2 glass system. Radiation Physics and Chemistry, 2021, 186, 109556.	2.8	52
69	Low Dose Ionising Radiation-Induced Hormesis: Therapeutic Implications to Human Health. Applied Sciences (Switzerland), 2021, 11, 8909.	2.5	11
70	Screening parameter for elastic scattering of electrons. Radiation Effects and Defects in Solids, 2021, 176, 919-939.	1.2	0
71	Tailor made barium borate doped Bi2O3 glass system for radiological protection. Radiation Physics and Chemistry, 2021, 187, 109558.	2.8	11
72	Natural radioactivity in the prospecting tunnel in Egypt: Dose rate and risk assessment. Radiation Physics and Chemistry, 2021, 187, 109555.	2.8	19

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73	Organs dosimetry in targeted radionuclide therapy. Radiation Physics and Chemistry, 2021, 188, 109668.	2.8	2
74	Radioluminescence of silica optical fibre scintillators for real-time industrial radiation dosimetry. Radiation Physics and Chemistry, 2021, 188, 109684.	2.8	5
75	Evaluation of patients radiation dose in computed tomography paranasal sinuses in children. Radiation Physics and Chemistry, 2021, 188, 109695.	2.8	5
76	Effect of neutron exposure on structural and optical properties of tailor-made Gd-Doped SiO2 glass. Radiation Physics and Chemistry, 2021, 188, 109654.	2.8	4
77	Impact of weight percent gadolinium and the number of its fuel rods on the neutronic and safety parameters. Radiation Physics and Chemistry, 2021, 188, 109686.	2.8	4
78	Estimation of patients organ doses and staff exposure during bone scan examination. Radiation Physics and Chemistry, 2021, 188, 109693.	2.8	17
79	Characterization of a promising luminescence-based graphite radiation dosimeter. Radiation Physics and Chemistry, 2021, 188, 109663.	2.8	4
80	Multiphase vascular lower limb computed tomography: Assessment of patients doses and radiogenic risk. Radiation Physics and Chemistry, 2021, 188, 109675.	2.8	10
81	A survey of the pediatric radiation doses during multiphase abdominal computed tomography examinations. Radiation Physics and Chemistry, 2021, 188, 109662.	2.8	4
82	Evaluation of pediatric radiation doses in computed tomography procedures in the Kingdom of Saudi Arabia. Radiation Physics and Chemistry, 2021, 188, 109679.	2.8	5
83	Evaluation of patients radiation dose during mammography imaging procedure. Radiation Physics and Chemistry, 2021, 188, 109680.	2.8	10
84	Gamma ray shielding and thermoluminescence investigation of bismuth added heavy metal oxide glasses. Radiation Physics and Chemistry, 2021, 188, 109598.	2.8	8
85	A novel CaOâ€“K2Oâ€“Na2Oâ€“P2O5 glass systems for radiation shielding applications. Radiation Physics and Chemistry, 2021, 188, 109645.	2.8	48
86	Fiber optic coupled survey meter for NORM and low-level radioactivity monitoring. Radiation Physics and Chemistry, 2021, 188, 109682.	2.8	2
87	The potential use of boron containing resources for protection against nuclear radiation. Radiation Physics and Chemistry, 2021, 188, 109601.	2.8	104
88	Investigation of scattered dose in a mouse phantom model for pre-clinical dosimetry studies. Radiation Physics and Chemistry, 2021, 189, 109691.	2.8	2
89	Off-the-shelf thermoluminescent silica glass media for use in medical diagnostic dosimetry applications. Applied Radiation and Isotopes, 2021, 178, 109953.	1.5	1
90	Structural and dosimetric study of sub-kGy neutron-irradiated graphitic media. Radiation Physics and Chemistry, 2021, 189, 109709.	2.8	2

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91	Macroalgae in biomonitoring of metal pollution in the Bay of Bengal coastal waters of Coxâ€™s Bazar and surrounding areas. Scientific Reports, 2021, 11, 20999.	3.3	18
92	Estimation of patient effective doses in PET/CT- 18F-Sodium Fluoride examinations. Applied Radiation and Isotopes, 2021, 178, 109965.	1.5	6
93	Measurement of Neutron Dose Equivalent within and Outside of a LINAC Treatment Vault Using a Neutron Survey Meter. Quantum Beam Science, 2021, 5, 33.	1.2	3
94	Microplastics pollution in salt pans from the Maheshkhali Channel, Bangladesh. Scientific Reports, 2021, 11, 23187.	3.3	40
95	Radiological Investigation on Sediments: A Case Study of Wadi Rod Elsayalla the Southeastern Desert of Egypt. Applied Sciences (Switzerland), 2021, 11, 11884.	2.5	6
96	Quality control of radiopharmaceuticals and diagnostic nuclear medicine equipment. Radiation Physics and Chemistry, 2020, 167, 108247.	2.8	7
97	Thermoluminescence characterization of smartphone screen for retrospective accident dosimetry. Radiation Physics and Chemistry, 2020, 167, 108297.	2.8	9
98	Time-resolved dose measurements of linear accelerator pulses using a fibre optic sensor: Applications and challenges. Radiation Physics and Chemistry, 2020, 167, 108212.	2.8	6
99	Metal uptake in chicken giblets and human health implications. Journal of Food Composition and Analysis, 2020, 85, 103332.	3.9	21
100	Assessment of occupational exposure and radiation risks in nuclear medicine departments. Radiation Physics and Chemistry, 2020, 170, 108529.	2.8	20
101	Radiogenic risk assessment for abdominal vascular computed tomography angiography. Radiation Physics and Chemistry, 2020, 168, 108523.	2.8	9
102	A review of the applications of Raman spectroscopy for breast cancer tissue diagnostic and their histopathological classification of epithelial to mesenchymal transition. Journal of Raman Spectroscopy, 2020, 51, 380-389.	2.5	11
103	Thermoluminescence features of commercial glass and retrospective accident dosimetry. Radiation Physics and Chemistry, 2020, 168, 108528.	2.8	18
104	The Potential Use of Car Windscreens for Post-Accident Dose Reconstruction in the Periphery of Nuclear Installations. Applied Sciences (Switzerland), 2020, 10, 7127.	2.5	12
105	Natural dead sea salt and retrospective dosimetry. Radiation and Environmental Biophysics, 2020, 59, 523-537.	1.4	10
106	Sub kGy photon irradiation alterations in graphite. Applied Radiation and Isotopes, 2020, 161, 109168.	1.5	19
107	Occupational and ambient radiation exposures from Lu-177 DOTATATE during targeted therapy. Applied Radiation and Isotopes, 2020, 164, 109240.	1.5	10
108	Structural Studies of Epithelial Mesenchymal Transition Breast Tissues. Scientific Reports, 2020, 10, 1997.	3.3	6

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109	Dosimetric utility of structural changes in gamma irradiated graphite-rich pencils. Radiation Physics and Chemistry, 2020, 171, 108703.	2.8	15
110	Polymer pencil lead graphite for in vivo radiation dosimetry. Diamond and Related Materials, 2020, 106, 107860.	3.9	19
111	Recent Advances in Silica Glass Optical Fiber for Dosimetry Applications. IEEE Photonics Journal, 2020, 12, 1-25.	2.0	19
112	Diagnostic reference level for computed tomography abdominal examinations: A multicentre study. Radiation Physics and Chemistry, 2020, 174, 108963.	2.8	13
113	Small-field output ratio determination using 6 mol% Ge-doped silica fibre dosimeters. Biomedical Physics and Engineering Express, 2020, 6, 065029.	1.2	1
114	Investigations of thermoluminescent silica beads of different manufacturers and colours. Radiation Physics and Chemistry, 2019, 155, 178-183.	2.8	5
115	Effectiveness of Al2O3:C OSL dosimeter towards entrance surface dose measurement in common X-ray diagnostics. Radiation Physics and Chemistry, 2019, 165, 108418.	2.8	6
116	Evaluation on Thermoluminescence Kinetic Parameters of Ge-Doped Cylindrical Fibre Dosimeter by Computerised Glow Curve Deconvolution Technique. , 2019, , .		0
117	Composition and thickness dependence of TLD relative dose sensitivity: A Monte Carlo study. Radiation Measurements, 2019, 129, 106191.	1.4	10
118	Potential lethal damage repair in glioblastoma cells irradiated with ion beams of various types and levels of linear energy transfer. Journal of Radiation Research, 2019, 60, 59-68.	1.6	5
119	Elevated concentration of radioactive potassium in edible algae cultivated in Malaysian seas and estimation of ingestion dose to humans. Algal Research, 2019, 38, 101386.	4.6	47
120	EVALUATION OF RADON CONCENTRATION IN IRRIGATION AND DRINKING WATERS FROM THE EASTERN PART OF OMAN AND ESTIMATION OF EFFECTIVE DOSES TO OMANIS. Radiation Protection Dosimetry, 2019, 184, 422-425.	0.8	4
121	Commercial kitchenware glass as a potential thermoluminescent media for retrospective dosimetry. Applied Radiation and Isotopes, 2019, 148, 218-224.	1.5	17
122	Evaluation of Ge-doped silica fibre TLDs forin vivodosimetry during intraoperative radiotherapy. Physics in Medicine and Biology, 2019, 64, 08NT04.	3.0	13
123	TERRESTRIAL RADIONUCLIDES IN SURFACE (DAM) WATER AND CONCOMITANT DOSE IN METROPOLITAN KUALA LUMPUR. Radiation Protection Dosimetry, 2019, 185, 343-350.	0.8	28
124	Raman spectroscopy and X-ray photo-spectroscopy analysis of graphite media irradiated at low doses. Applied Radiation and Isotopes, 2019, 147, 105-112.	1.5	27
125	Occupational exposure in nuclear medicine and interventional cardiology departments in Sudan: Are they following radiation protection standards?. Radiation Physics and Chemistry, 2019, 160, 100-104.	2.8	9
126	Ionizing radiation shielding effectiveness of decorative building materials (porcelain and ceramic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.8	11

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127	The radiobiological effects of He, C and Ne ions as a function of LET on various glioblastoma cell lines. Journal of Radiation Research, 2019, 60, 178-188.	1.6	5
128	The presence of radioactive materials in soil, sand and sediment samples of Potenga sea beach area, Chittagong, Bangladesh: Geological characteristics and environmental implication. Results in Physics, 2018, 8, 1268-1274.	4.1	55
129	Radioluminescence sensing of radiology exposures using P-doped silica optical fibres. Applied Radiation and Isotopes, 2018, 141, 176-181.	1.5	9
130	Radioluminescence of Ge-doped silica optical fibre and Al2O3:C dosimeters. Sensors and Actuators A: Physical, 2018, 270, 72-78.	4.1	16
131	Harnessing the thermoluminescence of Ge-doped silica flat-fibres for medical dosimetry. Sensors and Actuators A: Physical, 2018, 270, 170-176.	4.1	10
132	Studies of ionizing radiation shielding effectiveness of silica-based commercial glasses used in Bangladeshi dwellings. Results in Physics, 2018, 9, 541-549.	4.1	144
133	Tailor-made Ge-doped silica-glass for clinical diagnostic X-ray dosimetry. Applied Radiation and Isotopes, 2018, 138, 45-49.	1.5	12
134	Fabricated Ge-doped flat optical fibres: Assessing the thermoluminescence glow curves for proton beam irradiation. AIP Conference Proceedings, 2018, , .	0.4	1
135	Assessment of health risk due to the exposure of heavy metals in soil around mega coal-fired cement factory in Nigeria. Results in Physics, 2018, 11, 755-762.	4.1	51
136	The radiation shielding offered by the commercial glass installed in Bangladeshi dwellings. Radiation Effects and Defects in Solids, 2018, 173, 657-672.	1.2	66
137	Developments in production of silica-based thermoluminescence dosimeters. Radiation Physics and Chemistry, 2017, 137, 37-44.	2.8	23
138	Radiation dose to the Malaysian populace via the consumption of bottled mineral water. Radiation Physics and Chemistry, 2017, 140, 173-179.	2.8	41
139	Heavy metals in human teeth dentine: A bio-indicator of metals exposure and environmental pollution. Chemosphere, 2017, 176, 221-230.	8.2	63
140	Occupational radiation exposure in nuclear medicine department in Kuwait. Radiation Physics and Chemistry, 2017, 140, 233-236.	2.8	34
141	Dose mapping inside a gamma irradiator measured with doped silica fibre dosimetry and Monte Carlo simulation. Radiation Physics and Chemistry, 2017, 140, 107-111.	2.8	13
142	Environmental monitoring through use of silica-based TLD. Journal of Radiological Protection, 2017, 37, 761-779.	1.1	10
143	The effect of different dopant concentration of tailor-made silica fibers in radiotherapy dosimetry. Radiation Physics and Chemistry, 2017, 141, 73-77.	2.8	14
144	Angular dependence of optical fibre thermoluminescent dosimeters irradiated using kilo- and megavoltage X-rays. Radiation Physics and Chemistry, 2017, 135, 4-10.	2.8	12

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145	Investigation of silica-based TL media for diagnostic x-ray dosimetry. Radiation Physics and Chemistry, 2017, 140, 78-82.	2.8	7
146	Reproducibility assessment of commercial optically stimulated luminescence system in diagnostic X-ray beams. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2029-2036.	1.5	10
147	Monte Carlo skin dose simulation in intraoperative radiotherapy of breast cancer using spherical applicators. Physics in Medicine and Biology, 2017, 62, 6550-6566.	3.0	33
148	Ge-doped silica optical fibres as RL/OSL dosimeters for radiotherapy dosimetry. Sensors and Actuators A: Physical, 2017, 264, 30-39.	4.1	17
149	Thermoluminescence Response of Ge-Doped Cylindrical-, Flat- and Photonic Crystal Silica-Fibres to Electron and Photon Radiation. PLoS ONE, 2016, 11, e0153913.	2.5	25
150	Ge and B doped collapsed photonic crystal optical fibre, a potential TLD material for low dose measurements. Radiation Physics and Chemistry, 2016, 126, 9-13.	2.8	24
151	Thermoluminescence response of Ge-doped SiO2 fibres to electrons, X- and Î³-radiation. Radiation Physics and Chemistry, 2016, 121, 115-121.	2.8	14
152	Natural radioactivity levels and radiological assessment of decorative building materials in Bangladesh. Indoor and Built Environment, 2016, 25, 541-550.	2.8	42
153	Evaluation and mitigation of potential errors in radiochromic film dosimetry due to film curvature at scanning. Journal of Applied Clinical Medical Physics, 2015, 16, 425-431.	1.9	53
154	Sensitive Fibre-Based Thermoluminescence Detectors for High Resolution In-Vivo Dosimetry. Scientific Reports, 2015, 5, 13309.	3.3	36
155	Improving thermoluminescence response through the fabrication of novel microstructured fibers. Radiation Physics and Chemistry, 2015, 116, 135-137.	2.8	10
156	Feasibility of using glass-bead thermoluminescent dosimeters for radiotherapy treatment plan verification. British Journal of Radiology, 2015, 88, 20140804.	2.2	10
157	Microâ€PIXE analysis of doped SiO₂ fibres intended as TL dosimeters for radiation measurements. X-Ray Spectrometry, 2015, 44, 33-40.	1.4	7
158	XRF measurements of Zn, Sr and Pb in archaeological bone. X-Ray Spectrometry, 2015, 44, 129-134.	1.4	5
159	Assessment of Radiation and Heavy Metals Risk due to the Dietary Intake of Marine Fishes (Rastrelliger) Tj ETQq1 1 0.784314 rgBT /O	2.5	43
160	Monte Carlo Simulations for the Detection of Buried Objects Using Single Sided Backscattered Radiation. PLoS ONE, 2015, 10, e0135769.	2.5	1
161	Enhancing the radiation dose detection sensitivity of optical fibres. Applied Radiation and Isotopes, 2015, 100, 43-49.	1.5	30
162	Collapsed-Hole Ge-Doped Photonic Crystal Fiber as a Diagnostic Radiation Dosimeter. Journal of Lightwave Technology, 2015, 33, 3439-3445.	4.6	18

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163	Thermoluminescence dating analysis at the site of an ancient brick structure at Pengkalan Bujang, Malaysia. Applied Radiation and Isotopes, 2015, 105, 182-187.	1.5	11
164	Measurement of radioactivity and heavy metal levels in edible vegetables and their impact on Kuala Selangor communities of Peninsular Malaysia. Radiation Protection Dosimetry, 2015, 167, 165-170.	0.8	14
165	Measurement of Natural and Artificial Radioactivity in Infant Powdered Milk and Estimation of the Corresponding Annual Effective Dose. Environmental Engineering Science, 2015, 32, 838-846.	1.6	25
166	Effect of particle size on the thermoluminescence (TL) response of silica nanoparticles. Radiation Physics and Chemistry, 2015, 117, 102-107.	2.8	13
167	Comparison of thermoluminescence response of different sized Ge-doped flat fibers as a dosimeter. Radiation Physics and Chemistry, 2015, 116, 155-159.	2.8	8
168	Toward standardising gamma camera quality control procedures. Radiation Physics and Chemistry, 2015, 116, 95-99.	2.8	0
169	Thermoluminescence response of flat optical fiber subjected to 9MeV electron irradiations. Radiation Physics and Chemistry, 2015, 106, 46-49.	2.8	22
170	Glass beads and Ge-doped optical fibres as thermoluminescence dosimeters for small field photon dosimetry. Physics in Medicine and Biology, 2014, 59, 6875-6889.	3.0	19
171	Energy response of glass bead TLDs irradiated with radiation therapy beams. Radiation Physics and Chemistry, 2014, 104, 208-211.	2.8	18
172	Low-cost commercial glass beads as dosimeters in radiotherapy. Radiation Physics and Chemistry, 2014, 97, 95-101.	2.8	48
173	Development of tailor-made silica fibres for TL dosimetry. Radiation Physics and Chemistry, 2014, 104, 3-9.	2.8	27
174	Photon irradiation response of photonic crystal fibres and flat fibres at radiation therapy doses. Applied Radiation and Isotopes, 2014, 90, 258-260.	1.5	11
175	Characterisation of the thermoluminescence (TL) properties of tailor-made Ge-doped silica glass fibre for applications in medical radiation therapy dosimetry. Journal of Physics: Conference Series, 2014, 546, 012012.	0.4	4
176	Thermoluminescence response of Ge-doped optical fiber dosimeters with different core sizes. , 2013, , .		4
177	Optically Stimulated Luminescence in beta irradiated Ge-doped optical fibre. , 2013, , .		1
178	Physics-aspects of dose accuracy in high dose rate (HDR) brachytherapy: source dosimetry, treatment planning, equipment performance and in vivo verification techniques. Journal of Contemporary Brachytherapy, 2012, 2, 81-91.	0.9	43
179	An evaluation of the natural radioactivity in Andaman beach sand samples of Thailand after the 2004 tsunami. Applied Radiation and Isotopes, 2012, 70, 1467-1474.	1.5	64
180	Review of doped silica glass optical fibre: Their TL properties and potential applications in radiation therapy dosimetry. Applied Radiation and Isotopes, 2012, 71, 2-11.	1.5	84

#	Article	IF	Citations
181	Thermoluminescence Response of Ge- and Al-Doped Optical Fibers Subjected to Low-Dose Electron Irradiation. Journal of Nuclear Science and Technology, 2011, 48, 1115-1117.	1.3	27
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