

Suhairul Hashim

List of Publications by Year in descending order

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161
papers

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times ranked

1268
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Impact of Nd ³⁺ ions on physical and optical properties of Lithium Magnesium Borate glass. <i>Optical Materials</i> , 2014, 37, 391-397. | 3.6 | 97 |
| 2 | Physical and optical properties of Dy ³⁺ : Li ₂ O-K ₂ O-B ₂ O ₃ glasses. <i>Journal of Molecular Structure</i> , 2014, 1076, 20-25. | 3.6 | 96 |
| 3 | Optical properties of lithium magnesium borate glasses doped with Dy ³⁺ and Sm ³⁺ ions. <i>Physica B: Condensed Matter</i> , 2012, 407, 2398-2403. | 2.7 | 91 |
| 4 | The thermoluminescence response of doped SiO ₂ optical fibres subjected to photon and electron irradiations. <i>Applied Radiation and Isotopes</i> , 2009, 67, 423-427. | 1.5 | 84 |
| 5 | Effect of Dy ₂ O ₃ impurities on the physical, optical and thermoluminescence properties of lithium borate glass. <i>Journal of Luminescence</i> , 2016, 177, 366-372. | 3.1 | 81 |
| 6 | Physical and optical properties of dysprosium ion doped strontium borate glasses. <i>Physica B: Condensed Matter</i> , 2014, 451, 63-67. | 2.7 | 79 |
| 7 | Physical, structural and optical studies on magnesium borate glasses doped with dysprosium ion. <i>Journal of Rare Earths</i> , 2018, 36, 1264-1271. | 4.8 | 69 |
| 8 | The effect of titanium oxide on the optical properties of lithium potassium borate glass. <i>Journal of Molecular Structure</i> , 2012, 1026, 159-167. | 3.6 | 53 |
| 9 | The thermoluminescence response of doped SiO ₂ optical fibres subjected to alpha-particle irradiation. <i>Applied Radiation and Isotopes</i> , 2009, 67, 428-432. | 1.5 | 51 |
| 10 | Simple and efficient estimation of photovoltaic cells and modules parameters using approximation and correction technique. <i>PLoS ONE</i> , 2019, 14, e0216201. | 2.5 | 49 |
| 11 | Optical and structural properties of lithium sodium borate glasses doped Dy ³⁺ ions. <i>Journal of Molecular Structure</i> , 2014, 1075, 113-117. | 3.6 | 47 |
| 12 | The thermoluminescence response of doped SiO ₂ optical fibres subjected to fast neutrons. <i>Applied Radiation and Isotopes</i> , 2010, 68, 700-703. | 1.5 | 45 |
| 13 | Electron irradiation response on Ge and Al-doped SiO ₂ optical fibres. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 637, 185-189. | 1.6 | 44 |
| 14 | The effect of CuO and MgO impurities on the optical properties of lithium potassium borate glass. <i>Physica B: Condensed Matter</i> , 2012, 407, 2390-2397. | 2.7 | 38 |
| 15 | The Effect of TiO ₂ and MgO on the Thermoluminescence Properties of a Lithium Potassium Borate Glass System. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1816-1822. | 4.0 | 38 |
| 16 | Thermoluminescence dosimetry properties and kinetic parameters of lithium potassium borate glass co-doped with titanium and magnesium oxides. <i>Applied Radiation and Isotopes</i> , 2014, 91, 126-130. | 1.5 | 38 |
| 17 | Structures and spectroscopic characteristics of barium-sulfur-telluro-borate glasses: Role of Sm ³⁺ and Dy ³⁺ Co-activation. <i>Materials Chemistry and Physics</i> , 2020, 247, 122862. | 4.0 | 36 |
| 18 | Optical and erbium ion concentration correlation in lithium magnesium borate glass. <i>Optik</i> , 2015, 126, 3638-3643. | 2.9 | 32 |

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|----|--|-----|-----------|
| 19 | Brent's algorithm based new computational approach for accurate determination of single-diode model parameters to simulate solar cells and modules. <i>Solar Energy</i> , 2019, 193, 782-798. | 6.1 | 32 |
| 20 | Luminescence features of dysprosium and phosphorus oxide co-doped lithium magnesium borate glass. <i>Radiation Physics and Chemistry</i> , 2017, 137, 45-48. | 2.8 | 31 |
| 21 | The thermoluminescence response of oxygen-doped optical fibres subjected to photon and electron irradiations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 619, 291-294. | 1.6 | 30 |
| 22 | Physical and optical properties of Li ₂ O-MgO-B ₂ O ₃ doped with Sm ³⁺ . <i>Journal of Molecular Structure</i> , 2014, 1060, 6-10. | 3.6 | 30 |
| 23 | Physical, thermal and absorption traits of lithium strontium zinc borate glasses: Sensitiveness on Dy ³⁺ doping. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156176. | 5.5 | 30 |
| 24 | Luminescence characteristics of Li ₂ CO ₃ -K ₂ CO ₃ -H ₃ BO ₃ glasses co-doped with TiO ₂ /MgO. <i>Applied Radiation and Isotopes</i> , 2013, 82, 12-19. | 1.5 | 29 |
| 25 | Thermoluminescence Response of Ge- and Al-Doped Optical Fibers Subjected to Low-Dose Electron Irradiation. <i>Journal of Nuclear Science and Technology</i> , 2011, 48, 1115-1117. | 1.3 | 27 |
| 26 | Effective Atomic Number of Ge-Doped and Al-Doped Optical Fibers for Radiation Dosimetry Purposes. <i>IEEE Transactions on Nuclear Science</i> , 2013, 60, 555-559. | 2.0 | 27 |
| 27 | Physical and optical properties of Li ₂ O-MgO-B ₂ O ₃ doped with Dy ³⁺ . <i>Optics and Spectroscopy (English)</i> Tj ETQq1 1,0,784314,rgBT /C 0.6 | 2.7 | 27 |
| 28 | Luminescence characteristics of Li ₂ O-MgO-B ₂ O ₃ doped with Dy ³⁺ as a solid TL detector. <i>Radiation Physics and Chemistry</i> , 2015, 116, 138-141. | 2.8 | 27 |
| 29 | X-ray shielding behaviour of kaolin derived mullite-barites ceramic. <i>Radiation Physics and Chemistry</i> , 2018, 144, 63-68. | 2.8 | 26 |
| 30 | Spectroscopic characteristics of Dy ³⁺ impurities-doped borate-based glasses: Judd-Ofelt calculation. <i>Materials Chemistry and Physics</i> , 2020, 253, 123386. | 4.0 | 26 |
| 31 | Influences of dysprosium and phosphorous oxides co-doping on thermoluminescence features and kinetic parameters of lithium magnesium borate glass. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 305, 469-477. | 1.5 | 25 |
| 32 | Evaluation of organ doses and specific k effective dose of 64-slice CT thorax examination using an adult anthropomorphic phantom. <i>Radiation Physics and Chemistry</i> , 2016, 126, 14-20. | 2.8 | 25 |
| 33 | Activity concentrations of ²²⁶ Ra, ²²⁸ Ra, ²²² Rn and their health impact in the groundwater of Jordan. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 305-318. | 1.5 | 24 |
| 34 | Thermoluminescence response of dysprosium doped strontium tetraborate glasses subjected to electron irradiations. <i>Applied Radiation and Isotopes</i> , 2015, 102, 10-14. | 1.5 | 23 |
| 35 | Thermoluminescence properties of lithium magnesium borate glasses system doped with dysprosium oxide. <i>Luminescence</i> , 2015, 30, 1330-1335. | 2.9 | 23 |
| 36 | Impact of Eu ³⁺ Ions on Physical and Optical Properties of Li ₂ O-Na ₂ O-B ₂ O ₃ Glass. <i>Chinese Journal of Chemical Physics</i> , 2016, 29, 395-400. | 1.3 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Thermoluminescence response of flat optical fiber subjected to 9MeV electron irradiations. <i>Radiation Physics and Chemistry</i> , 2015, 106, 46-49. | 2.8 | 22 |
| 38 | Radiation doses from computed tomography practice in Johor Bahru, Malaysia. <i>Radiation Physics and Chemistry</i> , 2016, 121, 69-74. | 2.8 | 21 |
| 39 | Judd-Ofelt calculations for spectroscopic characteristics of Dy ³⁺ -activated strontium magnesium borate glass. <i>Optik</i> , 2020, 218, 165001. | 2.9 | 21 |
| 40 | Potential areas for nuclear power plants siting in Saudi Arabia: GIS-based multi-criteria decision making analysis. <i>Progress in Nuclear Energy</i> , 2019, 110, 110-120. | 2.9 | 20 |
| 41 | Thermoluminescence characteristics of the Li ₂ CO ₃ -K ₂ CO ₃ -H ₃ BO ₃ glass system co-doped with CuO and MgO. <i>Journal of Luminescence</i> , 2013, 143, 1-4. | 3.1 | 18 |
| 42 | Characterization of amorphous thermoluminescence dosimeters for patient dose measurement in X-ray diagnostic procedures. <i>Radiation Physics and Chemistry</i> , 2015, 116, 130-134. | 2.8 | 18 |
| 43 | Potential application of pure silica optical flat fibers for radiation therapy dosimetry. <i>Radiation Physics and Chemistry</i> , 2015, 106, 73-76. | 2.8 | 18 |
| 44 | Copper doped borate dosimeters revisited. <i>Journal of Luminescence</i> , 2014, 155, 141-148. | 3.1 | 17 |
| 45 | Optical fiber based dosimeter sensor: Beyond TLD-100 limits. <i>Sensors and Actuators A: Physical</i> , 2015, 222, 48-57. | 4.1 | 17 |
| 46 | Optical traits of neodymium-doped new types of borate glasses: Judd-Ofelt analysis. <i>Optik</i> , 2019, 199, 163515. | 2.9 | 17 |
| 47 | Modified structure and spectroscopic characteristics of Sm ³⁺ /Dy ³⁺ co-activated barium-sulfur-telluro-borate glass host: Role of plasmonic gold nanoparticles inclusion. <i>Optics and Laser Technology</i> , 2020, 132, 106486. | 4.6 | 17 |
| 48 | Realization of dysprosium doped lithium magnesium borate glass based TLD subjected to 10 ⁴ -10 ⁵ Gy photon beam irradiations. <i>Radiation Physics and Chemistry</i> , 2019, 163, 1-10. | 2.8 | 16 |
| 49 | Dosimetric properties of dysprosium doped lithium borate glass irradiated by 6 MV photons. <i>Radiation Physics and Chemistry</i> , 2015, 112, 29-33. | 2.8 | 15 |
| 50 | Adding sustainable sources to the Saudi Arabian electricity sector. <i>Electricity Journal</i> , 2018, 31, 20-28. | 2.5 | 15 |
| 51 | Waveguide laser potency of samarium doped BaSO ₄ -TeO ₂ -B ₂ O ₃ glasses: Evaluation of structural and optical qualities. <i>Journal of Luminescence</i> , 2019, 216, 116686. | 3.1 | 15 |
| 52 | Thermoluminescence responses of photon- and electron-irradiated lithium potassium borate co-doped with Cu+Mg or Ti+Mg. <i>Applied Radiation and Isotopes</i> , 2013, 78, 21-25. | 1.5 | 14 |
| 53 | Estimation of radiation cancer risk in CT-KUB. <i>Radiation Physics and Chemistry</i> , 2017, 137, 130-134. | 2.8 | 13 |
| 54 | Atmospheric dispersion modeling and radiological safety assessment for expected operation of Bajji nuclear power plant potential site. <i>Annals of Nuclear Energy</i> , 2019, 127, 156-164. | 1.8 | 13 |

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|----|---|-----|-----------|
| 55 | Absorption and luminescence spectral analysis of Dy ³⁺ -doped magnesium borate glass. Chinese Journal of Physics, 2020, 66, 307-317. | 3.9 | 13 |
| 56 | Monte Carlo Simulation on Breast Cancer Detection Using Wire Mesh Collimator Gamma Camera. IEEE Transactions on Nuclear Science, 2009, 56, 1321-1324. | 2.0 | 12 |
| 57 | Dopant concentration and thermoluminescence (TL) properties of tailor-made Ge-doped SiO ₂ fibres. Radiation Physics and Chemistry, 2014, 104, 297-301. | 2.8 | 12 |
| 58 | PET Image Reconstruction Incorporating 3D Mean-Median Sinogram Filtering. IEEE Transactions on Nuclear Science, 2016, 63, 157-169. | 2.0 | 12 |
| 59 | Radiological hazard associated with amang processing industry in Peninsular Malaysia and its environmental impacts. Ecotoxicology and Environmental Safety, 2021, 208, 111727. | 6.0 | 12 |
| 60 | Radon Levels of Water Sources in the Southwest Coastal Region of Peninsular Malaysia. Applied Sciences (Switzerland), 2021, 11, 6842. | 2.5 | 12 |
| 61 | The radiological assessment, hazard evaluation, and spatial distribution for a hypothetical nuclear power plant accident at Bajji potential site. Environmental Sciences Europe, 2020, 32, . | 5.5 | 12 |
| 62 | Radiation shielding features for a new glass system based on tellurite oxide. Radiation Physics and Chemistry, 2022, 200, 110094. | 2.8 | 12 |
| 63 | The optical properties of trivalent rare earth ions (Er ³⁺) doped borotellurite glass. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 116, 413-417. | 0.6 | 11 |
| 64 | 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 |
| 65 | Assessment of knowledge and awareness among radiology personnel regarding current computed tomography technology and radiation dose. Journal of Physics: Conference Series, 2016, 694, 012031. | 0.4 | 11 |
| 66 | Glow curve analysis of glassy system dosimeter subjected to photon and electron irradiations. Results in Physics, 2018, 10, 772-776. | 4.1 | 11 |
| 67 | Soil gas radon and soil permeability assessment: Mapping radon risk areas in Perak State, Malaysia. PLoS ONE, 2021, 16, e0254099. | 2.5 | 11 |
| 68 | Thermoluminescence properties of Li ₂ CO ₃ -K ₂ CO ₃ -H ₃ BO ₃ glass system co-doped with CuO and MgO. Radiation Protection Dosimetry, 2013, 155, 1-10. | 0.8 | 10 |
| 69 | Dosimetric Characteristics of a KLB:Cu,Mg Solid Thermoluminescence Detector. Chinese Physics Letters, 2013, 30, 017801. | 3.3 | 10 |
| 70 | 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 |
| 71 | General radiographic attributes of optically stimulated luminescence dosimeters: A basic insight. Radiation Physics and Chemistry, 2018, 147, 1-6. | 2.8 | 10 |
| 72 | The performance of a wire mesh collimator SPECT camera for different breast volumes in prone position. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 619, 385-387. | 1.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Regulatory requirements for nuclear power plant site selection in Malaysia—a review. <i>Journal of Radiological Protection</i> , 2016, 36, R96-R111. | 1.1 | 9 |
| 74 | Measurement of gross alpha and beta activity concentration in groundwater of Jordan: groundwater quality, annual effective dose and lifetime risk assessment. <i>Journal of Water and Health</i> , 2019, 17, 957-970. | 2.6 | 9 |
| 75 | The effectiveness of bismuth breast shielding with protocol optimization in CT Thorax examination. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 139-147. | 1.0 | 9 |
| 76 | Radon activity concentration measurements in water sources from Perak state Malaysia. <i>Journal of Radiation Research and Applied Sciences</i> , 2020, 13, 665-671. | 1.2 | 9 |
| 77 | A new insight into the temperature induced molecular aggregations in tris(8-hydroxyquinoline) metals. <i>Journal of Materials Research and Technology</i> , 2020, 9, 4558-4565. | 5.8 | 9 |
| 78 | The effect of MgO on the optical properties of lithium sodium borate doped with Cu ⁺ ions. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2013, 114, 537-543. | 0.6 | 8 |
| 79 | Investigation of natural gamma radiation dose rate (GDR) levels and its relationship with soil type and underlying geological formations in Jordan. <i>Journal of African Earth Sciences</i> , 2019, 155, 32-42. | 2.0 | 8 |
| 80 | Statistical relationship between activity concentrations of radionuclides ²²⁶ Ra, ²³² Th, ⁴⁰ K, and ¹³⁷ Cs and geological formations in surface soil of Jordan. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 211-226. | 1.0 | 8 |
| 81 | On the lasing potency of samarium-activated BaSO ₄ –TeO ₂ –B ₂ O ₃ glass host: Judd–Ofelt analysis. <i>Indian Journal of Physics</i> , 2020, 94, 1811-1820. | 1.8 | 8 |
| 82 | Spectroscopic behaviour of Dy ³⁺ and Sm ³⁺ impurity-doped strontium magnesium borate glasses: A comparative evaluation. <i>Optik</i> , 2020, 224, 165641. | 2.9 | 8 |
| 83 | Enhanced Performance of PTB7:PC ₇₁ BM Based Organic Solar Cells by Incorporating a Nano-Layered Electron Transport of Titanium Oxide. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 105003. | 1.8 | 8 |
| 84 | THE EFFECT OF PHOSPHORUS AND COPPER OXIDE ON THE PHOTOLUMINESCENCE CHARACTERISTICS OF Li ₂ CO ₃ –K ₂ CO ₃ –H ₃ BO ₃ GLASS. <i>International Journal of Modern Physics B</i> , 2012, 26, 1250116. | 2.0 | 7 |
| 85 | SLE presenting as multiple hemorrhagic complications. <i>Lupus</i> , 2015, 24, 1103-1106. | 1.6 | 7 |
| 86 | Photoluminescence and thermoluminescence properties of Li ₂ O–Na ₂ O–B ₂ O ₃ glass. <i>Luminescence</i> , 2016, 31, 754-759. ^{2.9} | | 7 |
| 87 | Radiological dose and health impact to Jordanian populace due to radioactivity in staple food crops from four representative soils in Jordan. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1679-1689. | 1.5 | 7 |
| 88 | Physical, structural, and luminescence studies of Nd ³⁺ doped MgO-ZnO borate glass. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2013, 115, 701-707. | 0.6 | 6 |
| 89 | Establishment of multi-slice computed tomography (MSCT) reference level in Johor, Malaysia. <i>Journal of Physics: Conference Series</i> , 2016, 694, 012033. | 0.4 | 6 |
| 90 | Response of optically stimulated luminescence dosimeters subjected to X-rays in diagnostic energy range. <i>Journal of Physics: Conference Series</i> , 2017, 851, 012001. | 0.4 | 6 |

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|-----|---|-----|-----------|
| 91 | Effectiveness of Al ₂ O ₃ :C OSL dosimeter towards entrance surface dose measurement in common X-ray diagnostics. Radiation Physics and Chemistry, 2019, 165, 108418. | 2.8 | 6 |
| 92 | SCATTER RADIATION IN THE FLUOROSCOPY-GUIDED INTERVENTIONAL ROOM. Radiation Protection Dosimetry, 2020, 188, 397-402. | 0.8 | 6 |
| 93 | The Radioactivity of Thorium Incandescent Gas Lantern Mantles. Applied Sciences (Switzerland), 2021, 11, 1311. | 2.5 | 6 |
| 94 | The thermoluminescence response of undoped silica PCF for dosimetry application. , 2013, , . | | 5 |
| 95 | Dosimetric characteristics of LKB:Cu,P solid TL detector. Radiation Physics and Chemistry, 2014, 104, 36-39. | 2.8 | 5 |
| 96 | Hybrid registration of PET/CT in thoracic region with pre-filtering PET sinogram. Radiation Physics and Chemistry, 2015, 116, 300-304. | 2.8 | 5 |
| 97 | Radiation dose to physicians' eye lens during interventional radiology. Journal of Physics: Conference Series, 2016, 694, 012035. | 0.4 | 5 |
| 98 | EPR dosimeter material properties of potassium tartrate hemihydrate. Radiation Measurements, 2016, 87, 8-12. | 1.4 | 5 |
| 99 | The naturally occurring radioactivity of α -scalar energy™ pendants and concomitant radiation risk. PLoS ONE, 2021, 16, e0250528. | 2.5 | 5 |
| 100 | Efficiency and Stability Improvement of Organic Solar Cells Based on PTB7: PCBM Through Hot-Substrate Coating. Journal of Electronic Materials, 2021, 50, 6828-6835. | 2.2 | 5 |
| 101 | Photon signature analysis using template matching. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 466-469. | 1.6 | 4 |
| 102 | Analysis of Photon Scattering Trends for Material Classification Using Artificial Neural Network Models. IEEE Transactions on Nuclear Science, 2013, 60, 515-519. | 2.0 | 4 |
| 103 | Assessment of Ge-doped optical fibres subjected to x-ray irradiation. Journal of Physics: Conference Series, 2014, 546, 012017. | 0.4 | 4 |
| 104 | Impact of patient weight on tumor visibility based on human-shaped phantom simulation study in PET imaging system. Radiation Physics and Chemistry, 2015, 115, 81-87. | 2.8 | 4 |
| 105 | Adaptive iterative dose reduction (AIDR) 3D in low dose CT abdomen-pelvis: Effects on image quality and radiation exposure. Journal of Physics: Conference Series, 2017, 851, 012006. | 0.4 | 4 |
| 106 | Optically stimulated Al ₂ O ₃ :C luminescence dosimeters for teletherapy: H _p (10) performance evaluation. Applied Radiation and Isotopes, 2018, 135, 7-11. | 1.5 | 4 |
| 107 | The Enhanced Naturally Occurring Radioactivity of Negative Ion Clothing and Attendant Risk. Applied Sciences (Switzerland), 2021, 11, 5412. | 2.5 | 4 |
| 108 | Spectrographic analysis of zinc-sulfate-magnesium-phosphate glass containing neodymium ions: Impact of silver-gold nanoparticles plasmonic coupling. Journal of Luminescence, 2022, 242, 118571. | 3.1 | 4 |

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|-----|--|-----|-----------|
| 109 | Radiation hazard assessment from NORM-added paint products in Malaysia. Journal of King Saud University - Science, 2022, 34, 101850. | 3.5 | 4 |
| 110 | 2D and 3D dose analysis of PRESAGE [®] dosimeter using a prototype 3DmicroHD-OCT imaging system. Radiation Physics and Chemistry, 2022, 200, 110312. | 2.8 | 4 |
| 111 | Characteristics of Multihole Collimator Gamma Camera Simulation Modeled Using MCNP5. AIP Conference Proceedings, 2008, , . | 0.4 | 3 |
| 112 | Preliminary results from attenuation correction for MCNP-generated PET image. , 2012, , . | | 3 |
| 113 | Direct and indirect entrance surface dose measurement in X-ray diagnostics using nanoDot OSL dosimeters. Journal of Physics: Conference Series, 2019, 1248, 012014. | 0.4 | 3 |
| 114 | Dose assessment of 4- and 16-slice multi-detector computed tomography (MDCT) scanners. Radiation Physics and Chemistry, 2020, 168, 108445. | 2.8 | 3 |
| 115 | Dosimetric features and kinetic parameters of a glass system dosimeter. Luminescence, 2020, 35, 525-533. | 2.9 | 3 |
| 116 | ²³⁸ U and ²³² Th isotopes in groundwater of Jordan: Geological influence, water chemistry, and health impact. Radiation Physics and Chemistry, 2020, 170, 108660. | 2.8 | 3 |
| 117 | Radiation dose assessment of 64 Multi-Slices Computed Tomography scanner. Radiation Physics and Chemistry, 2021, 178, 108904. | 2.8 | 3 |
| 118 | The impact of TiO ₂ nanostructures on the physical properties and electrical performance of organic solar cells based on PTB7:PC71BM bulk heterojunctions. Materials Today: Proceedings, 2021, 42, 1921-1927. | 1.8 | 3 |
| 119 | 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 | 3 |
| 120 | Public Awareness of Consumer Products Containing Radioactive Materials: Empirical Evidence from Malaysia. International Journal of Environmental Research and Public Health, 2022, 19, 2326. | 2.6 | 3 |
| 121 | The Development of Doped Radiosensitive Glass. , 2011, , . | | 2 |
| 122 | Structural and optical properties of lithium sodium borate glasses doped with Sm ³⁺ ions. International Journal of Modern Physics B, 2014, 28, 1450182. | 2.0 | 2 |
| 123 | The effect of europium oxide impurity on the optical and physical properties of lithium potassium borate glass. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 117, 56-60. | 0.6 | 2 |
| 124 | Optical Properties of Undoped and Dy ³⁺ -Doped Boro-Tellurite Glass. Advanced Materials Research, 0, 895, 194-199. | 0.3 | 2 |
| 125 | 128 slice computed tomography dose profile measurement using thermoluminescent dosimeter. Journal of Physics: Conference Series, 2017, 851, 012002. | 0.4 | 2 |
| 126 | Analysis of the physical, structural and optical characteristics of Dy ³⁺ -doped MgO-SrO-B ₂ O ₃ glass systems. Indian Journal of Physics, 2019, 93, 1265-1273. | 1.8 | 2 |

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|-----|---|-----|-----------|
| 127 | Assessment of geogenic radon potential in Johor Malaysia. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1065-1074. | 1.5 | 2 |
| 128 | Tabulation of organ dose conversion factors for terrestrial radioactivity monitoring program. <i>Applied Radiation and Isotopes</i> , 2021, 174, 109791. | 1.5 | 2 |
| 129 | Radioactive material in cosmetic and healthcare products: Regulatory controls. <i>Radiation Physics and Chemistry</i> , 2021, 188, 109673. | 2.8 | 2 |
| 130 | Unique optical traits of Sm ³⁺ -doped magnesium borate glass. <i>Chinese Journal of Physics</i> , 2020, 66, 36-49. | 3.9 | 2 |
| 131 | Generic review on the potential of nuclear-renewable hybrid system for sustainable power production in Malaysia. <i>Journal of Physics: Conference Series</i> , 2021, 2053, 012021. | 0.4 | 2 |
| 132 | Photon-induced positron annihilation for standoff bomb detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 619, 415-418. | 1.6 | 1 |
| 133 | Mass Attenuation Coefficients and Effective Atomic Numbers of Strontium Borate Glass System in the Energy Range 0.01- 1.25 MeV. <i>Advanced Materials Research</i> , 0, 895, 315-318. | 0.3 | 1 |
| 134 | Thermoluminescent response of single mode optical fibre to x-ray irradiation. <i>Journal of Physics: Conference Series</i> , 2014, 546, 012018. | 0.4 | 1 |
| 135 | Development of underwater radiography scanner for reactor-pool experiment at the TRIGA PUSPATI reactor. <i>MethodsX</i> , 2018, 5, 1346-1363. | 1.6 | 1 |
| 136 | Comparison study between different contrast administration protocols for routine CT thorax examination in two tertiary centres. <i>Journal of Physics: Conference Series</i> , 2019, 1248, 012028. | 0.4 | 1 |
| 137 | Occupational radiation dose during fluoroscopy guided interventional procedures at Institut Kanser Negara. <i>Journal of Physics: Conference Series</i> , 2019, 1248, 012052. | 0.4 | 1 |
| 138 | Assessment of health risk associated with natural gamma dose rate levels and isodose mapping of Jordan. <i>Radiation Effects and Defects in Solids</i> , 2019, 174, 294-306. | 1.2 | 1 |
| 139 | Fluoroscopy-guided intervention procedure norms for occupational eye radiation dose: An overall evaluation. <i>Radiation Physics and Chemistry</i> , 2021, 178, 108909. | 2.8 | 1 |
| 140 | Cumulative lifetime attributed risks for patients subjected to contrast enhanced chest CT examinations. <i>Radiation Physics and Chemistry</i> , 2021, 189, 109710. | 2.8 | 1 |
| 141 | Overview of the Sensitivity of Ge- and Al-doped Silicon Dioxide Optical Fibres to Ionizing Radiation. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2014, 8, . | 0.8 | 1 |
| 142 | Thermoluminescence Energy Response of Copper and Magnesium Oxide Doped Lithium Potassium Borate Using a Monte Carlo N-Particle Code Simulation. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2017, 06, 304-312. | 0.1 | 1 |
| 143 | Naturally Occurring Radioactive Materials in Bracelets and Necklaces: Radiological Risk Evaluation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11170. | 2.6 | 1 |
| 144 | Radiological dose assessment due to hypothetical nuclear power plant operation in Mersing, Johor, Malaysia. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2019, 15, 532-536. | 0.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
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| 146 | Use of tourmaline-based healthcare products and associated radiation risks. Radiation Physics and Chemistry, 2022, 200, 110276. | 2.8 | 1 |
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