

# Suchart Kothan

## List of Publications by Year in descending order

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107  
papers

2,026  
citations

236612

25  
h-index

288905

40  
g-index

109  
all docs

109  
docs citations

109  
times ranked

1454  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Spectrofluorometric determination of intracellular levels of reactive oxygen species in drug-sensitive and drug-resistant cancer cells using the 2- $\alpha$ ,7- $\alpha$ -dichlorofluorescein diacetate assay. <i>Radiation Physics and Chemistry</i> , 2005, 72, 323-331. | 1.4 | 200       |
| 2  | High transparency La <sub>2</sub> O <sub>3</sub> -CaO-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass for diagnosis x-rays shielding material application. <i>Radiation Physics and Chemistry</i> , 2019, 160, 41-47.   | 1.4 | 190       |
| 3  | The effect of particle size on radiation shielding properties for bismuth borosilicate glass. <i>Radiation Physics and Chemistry</i> , 2020, 172, 108791.   | 1.4 | 102       |
| 4  | Chitosan-triphosphate nanoparticles for encapsulation of super-paramagnetic iron oxide as an MRI contrast agent. <i>Carbohydrate Polymers</i> , 2014, 104, 231-237.   | 5.1 | 60        |
| 5  | Mechanical and radiation shielding properties of flexible material based on natural rubber/ Bi <sub>2</sub> O <sub>3</sub> composites. <i>Radiation Physics and Chemistry</i> , 2020, 172, 108772.  | 1.4 | 59        |
| 6  | High density tungsten gadolinium borate glasses doped with Eu <sup>3+</sup> ion for photonic and scintillator applications. <i>Radiation Physics and Chemistry</i> , 2020, 172, 108868.   | 1.4 | 56        |
| 7  | Quercetin, Siamois 1 and siamois 2 induce apoptosis in human breast cancer MDA-MB-435 cells xenograft in vivo. <i>Cancer Biology and Therapy</i> , 2007, 6, 56-61.  | 1.5 | 50        |
| 8  | Spectroscopic study of Nd <sup>3+</sup> ion-doped Zn-Al-Ba borate glasses for NIR emitting device applications. <i>Optical Materials</i> , 2020, 107, 110018.   | 1.7 | 43        |
| 9  | Effect of BaO on lead free zinc barium tellurite glass for radiation shielding materials in nuclear application. <i>Journal of Non-Crystalline Solids</i> , 2020, 550, 120386.  | 1.5 | 42        |
| 10 | N,N,N-Trimethyl chitosan nanoparticles for the delivery of monoclonal antibodies against hepatocellular carcinoma cells. <i>Carbohydrate Polymers</i> , 2011, 85, 215-220.  | 5.1 | 41        |
| 11 | Development of WO <sub>3</sub> -Gd <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> high density glasses doped with Dy <sup>3+</sup> for photonics and scintillation materials application. <i>Solid State Sciences</i> , 2020, 101, 106135.                      | 1.5 | 40        |
| 12 | Structural changes of the cervical muscles in elder women with cervicogenic headache. <i>Musculoskeletal Science and Practice</i> , 2017, 29, 1-6.  | 0.6 | 38        |
| 13 | Physical, optical and luminescence properties of the Dy <sup>3+</sup> -doped barium borophosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 521, 119483.  | 1.5 | 36        |
| 14 | Synthesis and radiation properties of Li <sub>2</sub> O-BaO-Bi <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> glasses. <i>Materials Today: Proceedings</i> , 2021, 43, 2544-2553.   | 0.9 | 36        |
| 15 | Investigation of XANES study and energy transport phenomenon of Gd <sup>3+</sup> to Ce <sup>3+</sup> in CaO-SiO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> glasses. <i>Optical Materials</i> , 2020, 102, 109826.  | 1.7 | 35        |
| 16 | X-ray/proton and photoluminescence behaviors of Sm <sup>3+</sup> doped high-density tungsten gadolinium borate scintillating glass. <i>Journal of Alloys and Compounds</i> , 2020, 849, 156574.   | 2.8 | 34        |
| 17 | Development of Eu <sup>3+</sup> -doped phosphate glass for red luminescent solid-state optical devices. <i>Journal of Luminescence</i> , 2020, 227, 117564.   | 1.5 | 34        |
| 18 | Dapagliflozin ameliorates pancreatic injury and activates kidney autophagy by modulating the AMPK/mTOR signaling pathway in obese rats. <i>Journal of Cellular Physiology</i> , 2021, 236, 6424-6440.   | 2.0 | 34        |

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|----|--|-----|-----------|
| 19 | Wearable and flexible radiation shielding natural rubber composites: Effect of different radiation shielding fillers. <i>Radiation Physics and Chemistry</i> , 2021, 179, 109261.  | 1.4 | 32        |
| 20 | Investigations on nonlinear optical properties of gold nanoparticles doped fluoroborate glasses for optical limiting applications. <i>Journal of Non-Crystalline Solids</i> , 2020, 538, 120010.   | 1.5 | 30        |
| 21 | Structural analysis and luminescence studies of Ce <sup>3+</sup> :Dy <sup>3+</sup> co-doped calcium zinc gadolinium borate glasses using EXAFS. <i>Radiation Physics and Chemistry</i> , 2020, 171, 108695.  | 1.4 | 30        |
| 22 | Radio and photo luminescence of Dy <sup>3+</sup> doped lithium fluorophosphate scintillating glass. <i>Radiation Physics and Chemistry</i> , 2021, 185, 109520.  | 1.4 | 30        |
| 23 | Spectrophotometric Characterization of Behavior and the Predominant Species of Flavonoids in Physiological Buffer: Determination of Solubility, Lipophilicity and Anticancer Efficacy. <i>Open Drug Delivery Journal</i> , 2008, 2, 10-19.   | 2.0 | 29        |
| 24 | Effect of Gd <sub>2</sub> O <sub>3</sub> on the radiation shielding, physical, optical and luminescence behaviors of Gd <sub>2</sub> O <sub>3</sub> –La <sub>2</sub> O <sub>3</sub> –ZnO–B <sub>2</sub> O <sub>3</sub> –Dy <sub>2</sub> O <sub>3</sub> glasses. <i>Radiation Physics and Chemistry</i> , 2021, 185, 109500.                                | 1.4 | 28        |
| 25 | Spectroscopic study and energy transfer behavior of Gd <sup>3+</sup> to Dy <sup>3+</sup> for Li <sub>2</sub> O–MgO–Gd <sub>2</sub> O <sub>3</sub> –B <sub>2</sub> O <sub>3</sub> –Dy <sub>2</sub> O <sub>3</sub> glasses for white emission material. <i>Journal of Luminescence</i> , 2020, 226, 117380.  | 1.5 | 27        |
| 26 | Photoluminescence properties and energy transfer investigations of Gd <sup>3+</sup> and Sm <sup>3+</sup> co-doped ZnO–BaO–TeO <sub>2</sub> glasses for solid state laser application. <i>Journal of Luminescence</i> , 2020, 224, 117275.  | 1.5 | 27        |
| 27 | Comparative study of optical and luminescence properties of Sm <sup>3+</sup> -ions doped Li <sub>2</sub> O–Gd <sub>2</sub> O <sub>3</sub> –PbO–SiO <sub>2</sub> and Li <sub>2</sub> O–Gd <sub>2</sub> O <sub>3</sub> –PbO–SiO <sub>2</sub> glasses for orange emission solid state device application. <i>Journal of Luminescence</i> , 2020, 222, 117136. | 1.5 | 25        |
| 28 | Dy <sup>3+</sup> doped B <sub>2</sub> O <sub>3</sub> –Li <sub>2</sub> O–CaO–CaF <sub>2</sub> glass for efficient white light emitting sources. <i>Journal of Non-Crystalline Solids</i> , 2021, 554, 120604.   | 1.5 | 24        |
| 29 | Strong emission from Ce <sup>3+</sup> doped gadolinium oxyfluoroborate scintillation glasses matrix. <i>Radiation Physics and Chemistry</i> , 2021, 185, 109497.   | 1.4 | 23        |
| 30 | Intense red emission via energy transfer from (Ce <sup>3+</sup> /Eu <sup>3+</sup> ):P <sub>2</sub> O <sub>5</sub> +NaF+CaF <sub>2</sub> +AlF <sub>3</sub> glasses for warm light sources. <i>Ceramics International</i> , 2021, 47, 1962-1969.   | 2.3 | 22        |
| 31 | In vitro and in vivo study of <sup>99m</sup> Tc-MIBI encapsulated in PEG-liposomes: a promising radiotracer for tumour imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 502-509.   | 3.3 | 19        |
| 32 | Body mass index and its effects on liver fat content in overweight and obese young adults by proton magnetic resonance spectroscopy technique. <i>World Journal of Hepatology</i> , 2018, 10, 924-933.   | 0.8 | 19        |
| 33 | Structural and luminescence study of Dy <sup>3+</sup> doped phosphate glasses for solid state lighting applications. <i>Optical Materials</i> , 2020, 109, 110322.   | 1.7 | 19        |
| 34 | Rapid and convenient crystallization of quantum dot CsPbBr <sub>3</sub> inside a phosphate glass matrix. <i>Journal of Alloys and Compounds</i> , 2021, 866, 158974.   | 2.8 | 19        |
| 35 | IR emission of Er <sup>3+</sup> ion-doped fluoroborotellurite glass for communication application. <i>Journal of Non-Crystalline Solids</i> , 2021, 566, 120849.   | 1.5 | 19        |
| 36 | Gd <sup>3+</sup> /Sm <sup>3+</sup> -energy transfer behavior and spectroscopic study of lithium gadolinium magnesium borate for solid state lighting material. <i>Optical Materials</i> , 2021, 111, 110657.   | 1.7 | 18        |

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|----|---|-----|-----------|
| 37 | Luminescence and scintillation properties of Ce <sup>3+</sup> -doped P <sub>2</sub> O <sub>5</sub> -Li <sub>2</sub> CO <sub>3</sub> -GdBr <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> glasses. Journal of Non-Crystalline Solids, 2021, 567, 120914. | 1.5 | 17        |
| 38 | Scintillation respond and orange emission from Sm <sup>3+</sup> ion doped tellurite and fluorotellurite glasses: A comparative study. Radiation Physics and Chemistry, 2021, 189, 109754.   | 1.4 | 17        |
| 39 | Magnetic Resonance Spectroscopy of Hepatic Fat from Fundamental to Clinical Applications. Diagnostics, 2021, 11, 842.   | 1.3 | 16        |
| 40 | Luminescence behavior of Nd <sup>3+</sup> ions doped ZnO-BaO-(Gd <sub>2</sub> O <sub>3</sub> /GdF <sub>3</sub> )- P <sub>2</sub> O <sub>5</sub> glasses for laser material applications. Journal of Luminescence, 2021, 236, 118139.                  | 1.5 | 15        |
| 41 | Visible to infrared emission from (Eu <sup>3+</sup> /Nd <sup>3+</sup> ):B <sub>2</sub> O <sub>3</sub> -AlF <sub>3</sub> -NaF-CaF <sub>2</sub> glasses for luminescent solar converters. Optics and Laser Technology, 2021, 141, 107170.               | 2.2 | 15        |
| 42 | Antioxidant compounds and activities of the stem, flower, and leaf extracts of the anti-smoking Thai medicinal plant: <i>Vernonia cinerea</i> Less. Drug Design, Development and Therapy, 2017, Volume11, 383-391.                                    | 2.0 | 14        |
| 43 | The Effects of Iodinated Radiographic Contrast Media on Multidrug-resistant K562/Dox Cells: Mitochondria Impairment and P-glycoprotein Inhibition. Cell Biochemistry and Biophysics, 2019, 77, 157-163.   | 0.9 | 14        |
| 44 | Development of bismuth alumino borosilicate glass for radiation shielding material. Radiation Physics and Chemistry, 2021, 186, 109542.   | 1.4 | 14        |
| 45 | Luminescence and Scintillation Properties of Dy <sup>3+</sup> doped Li <sub>6</sub> Y(BO <sub>3</sub> ) <sub>3</sub> crystal. Optical Materials, 2020, 106, 109973.   | 1.7 | 13        |
| 46 | Effects of obesity on the lipid and metabolite profiles of young adults by serum <sup>1</sup> H-NMR spectroscopy. PeerJ, 2019, 7, e7137.  | 0.9 | 13        |
| 47 | Tunable orange, yellow and white emission of Pr <sup>3+</sup> -doped tungsten gadolinium borate glasses. Journal of Non-Crystalline Solids, 2021, 554, 120603.  | 1.5 | 12        |
| 48 | Identification of Metabolic Phenotypes in Young Adults with Obesity by <sup>1</sup> H NMR Metabolomics of Blood Serum. Life, 2021, 11, 574.   | 1.1 | 12        |
| 49 | Precursor Based Tuning of the Nonlinear Optical Properties of Au-Ag Bimetallic Nanoparticles Doped in Oxy-fluoroborate Glasses. Journal of Non-Crystalline Solids, 2021, 561, 120766.   | 1.5 | 12        |
| 50 | Luminescence properties of Ce <sup>3+</sup> - doped borate scintillating glass for new radiation detection material. Radiation Physics and Chemistry, 2021, 185, 109498.  | 1.4 | 12        |
| 51 | Effective red-orange luminescence and energy transfer from Gd <sup>3+</sup> to Eu <sup>3+</sup> in lithium gadolinium magnesium borate for optical devices. Journal of Non-Crystalline Solids, 2021, 569, 120927.                                     | 1.5 | 12        |
| 52 | MRI and <sup>1</sup> H MRS evaluation for the serial bile duct changes in hamsters after infection with <i>Opisthorchis viverrini</i> . Magnetic Resonance Imaging, 2013, 31, 1418-1425.  | 1.0 | 11        |
| 53 | Challenges and optimization strategies in medical imaging service delivery during COVID-19. World Journal of Radiology, 2021, 13, 102-121.  | 0.5 | 11        |
| 54 | Waist Circumference and BMI Are Strongly Correlated with MRI-Derived Fat Compartments in Young Adults. Life, 2021, 11, 643.   | 1.1 | 11        |

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|----|---|-----|-----------|
| 55 | Super-paramagnetic loaded nanoparticles based on biological macromolecules for in vivo targeted MR imaging. International Journal of Biological Macromolecules, 2016, 86, 233-241.  | 3.6 | 10        |
| 56 | Synthesis and characterization of borate glasses for thermal neutron scintillation and imaging. Radiation Measurements, 2020, 134, 106319.  | 0.7 | 10        |
| 57 | The radioluminescence and photoluminescence behaviour of lithium alumino borate glasses doped with Tb <sub>2</sub> O <sub>3</sub> and Gd <sub>2</sub> O <sub>3</sub> for green luminescence applications. Optical Materials, 2021, 121, 111437.   | 1.7 | 10        |
| 58 | The photon interactions and build-up factor for gadolinium sodium borate glass: Theoretical and experimental approaches. Radiation Physics and Chemistry, 2021, 188, 109561.  | 1.4 | 10        |
| 59 | Short-Term Effects of Cognitive Training Program for Individuals with Amnesic Mild Cognitive Impairment: A Pilot Study. Physical and Occupational Therapy in Geriatrics, 2012, 30, 138-149.   | 0.2 | 9         |
| 60 | Development of New High Transparency Pb-Free Radiation Shielding Glass. Integrated Ferroelectrics, 2021, 214, 181-204.  | 0.3 | 9         |
| 61 | Structural and luminescence investigation of Ce <sup>3+</sup> doped lithium barium gadolinium phosphate glass scintillator. Radiation Physics and Chemistry, 2021, 185, 109488.   | 1.4 | 9         |
| 62 | Influence of trivalent praseodymium ion on SiO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> -BaO-CaO-Sb <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> O-Pr <sub>2</sub> O <sub>3</sub> glasses for X-Rays shielding and luminescence materials. Radiation Physics and Chemistry, 2021, 184, 109467. | 1.4 | 8         |
| 63 | An evaluation of the antioxidant properties of iodinated radiographic contrast media: An in vitro study. Toxicology Reports, 2018, 5, 840-845.  | 1.6 | 7         |
| 64 | Mechanical and gamma radiation shielding properties of natural rubber composites: effects of bismuth oxide (Bi <sub>2</sub> O <sub>3</sub> ) and lead oxide (PbO). Materials Research Innovations, 2022, 26, 8-15.  | 1.0 | 7         |
| 65 | Autophagy participants in the dedifferentiation of mouse 3T3-L1 adipocytes triggered by hypofunction of insulin signaling. Cellular Signalling, 2021, 80, 109911.   | 1.7 | 7         |
| 66 | Effect of Gd <sub>2</sub> O <sub>3</sub> concentration on X-rays induced and photoluminescence characteristics of Eu <sup>3+</sup> - Activated Gd <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> glass. Radiation Physics and Chemistry, 2021, 189, 109681.   | 1.4 | 7         |
| 67 | Radiation Shielding Properties of BaO-ZnO-B <sub>2</sub> O <sub>3</sub> -O <sub>2</sub> Glass for X-Ray Room. Key Engineering Materials, 0, 766, 88-93.   | 0.4 | 6         |
| 68 | The Effects of Medical Diagnostic Low Dose X-rays after in vitro Exposure of Human Red Blood Cells: Hemolysis and Osmotic Fragility. Toxicology and Environmental Health Sciences, 2019, 11, 237-243.   | 1.1 | 6         |
| 69 | Fornix Integrity Is Differently Associated With Cognition in Healthy Aging and Non-amnesic Mild Cognitive Impairment: A Pilot Diffusion Tensor Imaging Study in Thai Older Adults. Frontiers in Aging Neuroscience, 2020, 12, 594002.   | 1.7 | 6         |
| 70 | Effects of gadolinium-based magnetic resonance imaging contrast media on red blood cells and K562 cancer cells. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126640.  | 1.5 | 6         |
| 71 | Gallic acid enhances pirarubicin-induced anticancer in living K562 and K562/Dox leukemia cancer cells through cellular energetic state impairment and P-glycoprotein inhibition. Oncology Reports, 2021, 46, .  | 1.2 | 6         |
| 72 | A study of x-ray radiation shielding properties of bricks contained barium sulfate. AIP Conference Proceedings, 2020, , .   | 0.3 | 6         |

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|----|--|-----|-----------|
| 73 | The Incidence and Associated Risk Factors of Contrast-Induced Nephropathy after Contrast-Enhanced Computed Tomography in the Emergency Setting: A Systematic Review. <i>Life</i> , 2022, 12, 826.  | 1.1 | 6         |
| 74 | Insulin negatively regulates dedifferentiation of mouse adipocytes in vitro. <i>Adipocyte</i> , 2020, 9, 24-34.  | 1.3 | 5         |
| 75 | Structural and Radiation Shielding Properties of Dy <sup>3+</sup> doped Phosphate Glasses. <i>Journal of Physics: Conference Series</i> , 2020, 1428, 012016.  | 0.3 | 5         |
| 76 | Protein binding of 4-hydroxybenzoic acid and 4-hydroxy-3-methoxybenzoic acid to human serum albumin and their anti-proliferation on doxorubicin-sensitive and doxorubicin-resistant leukemia cells. <i>Toxicology Reports</i> , 2021, 8, 1381-1388.      | 1.6 | 5         |
| 77 | Fabrication of K <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -Gd <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> glasses for photonic and scintillation materials applications. <i>Radiation Physics and Chemistry</i> , 2021, 188, 109639. | 1.4 | 5         |
| 78 | Bone mineral density at distal forearm in men over 40 years of age in Mae Chaem district, Chiang Mai Province, Thailand: a pilot study. <i>Aging Male</i> , 2017, 20, 1-5.   | 0.9 | 4         |
| 79 | Differences in Spectroscopic Properties of Saliva Taken From Normal Subjects and Oral Cancer Patients: Comparison Studies. <i>Journal of Fluorescence</i> , 2021, 31, 747-754.   | 1.3 | 4         |
| 80 | Luminescence and physical properties of Ce <sup>3+</sup> -doped potassium gadolinium phosphate glasses for radiation detector application. <i>Radiation Physics and Chemistry</i> , 2021, 185, 109496.   | 1.4 | 4         |
| 81 | Luminescence and scintillation properties of Czochralski grown Pr <sup>3+</sup> doped Li <sub>6</sub> Y(BO <sub>3</sub> ) <sub>3</sub> single crystal. <i>Optical Materials</i> , 2021, 119, 111361.   | 1.7 | 4         |
| 82 | Trap level analysis of Ce <sup>3+</sup> and Sm <sup>3+</sup> in Li <sub>6</sub> Y(BO <sub>3</sub> ) <sub>3</sub> . <i>Ceramics International</i> , 2019, 45, 11893-11898.  | 2.3 | 3         |
| 83 | Investigation of gamma-ray induced optical property changes in non-doped and Ce-doped lithium-rich oxide glass. <i>Radiation Physics and Chemistry</i> , 2021, 179, 109272.  | 1.4 | 3         |
| 84 | Different responses of normal cells (red blood cells) and cancer cells (K562 and K562/Dox cells) to low-dose <sup>137</sup> Cs gamma-rays. <i>Molecular and Clinical Oncology</i> , 2021, 14, 74.  | 0.4 | 3         |
| 85 | Advanced Molecular Imaging (MRI/MRS/1H NMR) for Metabolic Information in Young Adults with Health Risk Obesity. <i>Life</i> , 2021, 11, 1035.  | 1.1 | 3         |
| 86 | The Physical, Optical, Photo and Radioluminescence Studies of Dy <sup>3+</sup> Doped Zinc Barium Gadolinium Phosphate Glasses. <i>Glass Physics and Chemistry</i> , 2020, 46, 474-486.   | 0.2 | 3         |
| 87 | Dysfunction of insulin-AKT-UCP1 signalling inhibits transdifferentiation of human and mouse white preadipocytes into brown-like adipocytes. <i>Adipocyte</i> , 2022, 11, 213-226.  | 1.3 | 3         |
| 88 | Effect of iodinated radiographic contrast media on radioimmunoassay for measuring thyroid hormones. <i>Applied Radiation and Isotopes</i> , 2022, 185, 110261.   | 0.7 | 3         |
| 89 | Mass Attenuation Coefficients and Partial Interactions of BaO-ZnO-B <sub>2</sub> O <sub>3</sub> -CaO-SiO <sub>2</sub> Glasses System. <i>Key Engineering Materials</i> , 0, 675-676, 438-442.  | 0.4 | 2         |
| 90 | XANES and Luminescence Studies of M <sub>2</sub> O <sub>3</sub> -B <sub>2</sub> O <sub>3</sub> -CaO-SiO <sub>2</sub> (M = Al, Ga, In) Glasses. <i>Key Engineering Materials</i> , 0, 780, 37-42.   | 0.4 | 2         |

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|-----|---|-----|-----------|
| 91  | Photon interaction and electron nonproportional response of CLYC scintillation material. Radiation Physics and Chemistry, 2021, 188, 109565.  | 1.4 | 2         |
| 92  | Distal Forearm Bone Mineral Density Among Hill Tribes in the Omkoi District, Chiang Mai Province, Thailand. Open Public Health Journal, 2019, 12, 1-6.  | 0.1 | 2         |
| 93  | Study on radiation shielding properties of glass samples doped with holmium. AIP Conference Proceedings, 2020, , .  | 0.3 | 2         |
| 94  | Effect of fluoroscopic X-rays combined with iodinated radiographic contrast media on human hematological parameters. Toxicology and Environmental Health Sciences, 2021, 13, 225-235.   | 1.1 | 1         |
| 95  | Density measurement of multi-layered material using gamma-ray transmission technique. Radiation Physics and Chemistry, 2021, 188, 109618.   | 1.4 | 1         |
| 96  | Lysosomes of Cancerous and Normal cells in Response to Low-energy/low-dose Medical Diagnostic X-rays. Bangladesh Journal of Medical Science, 2019, 18, 830-834.   | 0.1 | 1         |
| 97  | The study of intracellular reactive oxygen species and mitochondrial membrane potential in normal cells exposed to diagnostic X ray. , 2015, , .  |     | 0         |
| 98  | Optical and Luminescence Properties of Pr <sup>3+</sup> in Gd <sub>2</sub> O <sub>3</sub> :CaO-SiO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> Glasses. Key Engineering Materials, 0, 675-676, 359-363.   |     |           |
| 99  | Magnetic Susceptibility of PAlNaGd doped with Europium Glasses and its effect on MR imaging. Journal of Physics: Conference Series, 2019, 1259, 012016.   | 0.3 | 0         |
| 100 | Development of Tin-Based Single Crystal Scintillator for Double-Beta Decay Experiments. IEEE Transactions on Nuclear Science, 2020, 67, 922-926.  | 1.2 | 0         |
| 101 | Effects of Medical Diagnostic X-rays Delivered at 0.01 or 0.05 mGy on Human Blood Cells. Bangladesh Journal of Medical Science, 2020, 20, 136-144.  | 0.1 | 0         |
| 102 | Electron and photon responses of CWO scintillation crystal. Radiation Physics and Chemistry, 2021, 189, 109749.   | 1.4 | 0         |
| 103 | Magnetic Resonance Spectroscopy of Hepatic Fat from Fundamental to Clinical Applications: An Advanced Study. , 2021, , 168-189.   |     | 0         |
| 104 | The influence of leg positioning on the appearance and quantification of 1H magnetic resonance muscle spectra obtained from calf muscle. Polish Journal of Radiology, 2018, 83, 530-536.  | 0.5 | 0         |
| 105 | Effects of muscle fiber orientation to main magnetic field on muscle metabolite profiles for magnetic resonance spectroscopy acquisition. World Journal of Radiology, 2019, 11, 1-9.  | 0.5 | 0         |
| 106 | Modulation of p-glycoprotein-mediated efflux pirarubicin in living multidrug-resistant K562/Dox cell lines by 4-hydroxybenzoic acid and 4-hydroxy-3-methoxybenzoic acid via impairment of the cellular energetic state. Toxicology Reports, 2022, 9, 1443-1451. | 1.6 | 0         |
| 107 | Noninvasive NMR/MRS Metabolic Parameters to Evaluate Metabolic Syndrome in Rats. Diagnostics, 2022, 12, 1621.   | 1.3 | 0         |