# Iskender Akkurt

List of Publications by Year
in descending order

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|---|---|---|---|
| 180 papers | 4,883 citations | 81900 39 h-index | 123424 61 g-index |
| 188 all docs | 188 docs citations | 188 times ranked | 1391 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | An extensive study on the neutron-gamma shielding and mass stopping power of (70-x) CRTâ€“30K<sub>2</sub>Oâ€“xBaO glass system for <sup>252</sup>Cf neutron source. Environmental Technology (United Kingdom), 2023, 44, 875-885. | 2.2 | 21 |
| 2 | Simulation and prediction of the attenuation behaviour of the KNNâ€“LMNâ€“based lead-free ceramics by FLUKA code and artificial neural network (ANN)â€“based algorithm. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 | 2.2 | 26 |
| 3 | Evaluation of gross-alpha and gross-beta activity concentrations and assessment of excess lifetime cancer risk in waters of EÄŸirdir Lake, Turkey. International Journal of Environmental Analytical Chemistry, 2022, 102, 7033-7045. | 3.3 | 3 |
| 4 | A Monte Carlo study on attenuation characteristics of colemanite- and barite-containing resources irradiated by 252Cf source against neutronâ€“gamma photon. Polymer Bulletin, 2022, 79, 7843-7870. | 3.3 | 12 |
| 5 | Performance of NaI(Tl) detector for gamma-ray spectroscopy. Indian Journal of Physics, 2022, 96, 2941-2947. | 1.8 | 8 |
| 6 | Physical, structural, and mechanical properties of the concrete by FLUKA code and phy-X/PSD software. Radiation Physics and Chemistry, 2022, 193, 109958. | 2.8 | 45 |
| 7 | Natural radioactivity and radiological damage parameters for soil samples from Cekmekoy-Ä°stanbul. Arabian Journal of Geosciences, 2022, 15, 1. | 1.3 | 9 |
| 8 | A comprehensive study on the charged-uncharged particle shielding features of (70â€‰â˜†â€‰x) CRTâ€“30K2Oâ€“xBaO glass system. Journal of the Australian Ceramic Society, 2022, 58, 841-850. | 1.9 | 16 |
| 9 | Investigation and ANN-based prediction of the radiation shielding, structural and mechanical properties of the Hydroxyapatite (HAP) bio-composite as artificial bone. Radiation Physics and Chemistry, 2022, 197, 110208. | 2.8 | 28 |
| 10 | Evaluation of Bioactive Borosilicate Added Ag Glasses in Terms of Radiation Shielding, Structural, Optical, and Electrical Properties. Silicon, 2022, 14, 12371-12379. | 3.3 | 14 |
| 11 | Radiation shielding properties for titanium dioxide added composites. Emerging Materials Research, 2022, 11, 1-7. | 0.7 | 5 |
| 12 | Neutron Shielding for 252Cf Source: FLUKA Simulations and Measurements. Iranian Journal of Science and Technology, Transaction A: Science, 2022, 46, 1055-1064. | 1.5 | 14 |
| 13 | Gamma ray shielding properties of CeO2-added hydroxyapatite composite. Journal of the Australian Ceramic Society, 2022, 58, 1209-1217. | 1.9 | 4 |
| 14 | The influence of <scp>Nd<sub>2</sub>O<sub>3</sub></scp> on the radiation shielding, physical, mechanical, and acoustic properties of the (75â€‰â˜†â€‰x)<scp>TeO<sub>2</sub></scp>â€“15<scp>MgO</scp>â€“10<scp>Na<sub>2</sub>O</scp>â€“x<scp> glasses as a potent radiation shielding material. Polymer Composites, 2022, 43, 5418-5425. | 4.6 | 8 |
| 15 | Physical-radiation shielding properties of concrete contains colemanite and ulexite. Indoor and Built Environment, 2021, 30, 1827-1834. | 2.8 | 7 |
| 16 | Theoretical and experimental gamma-rays attenuation characteristics of waste soda-lime glass doped with La2O3 and Gd2O3. Ceramics International, 2021, 47, 8424-8432. | 4.8 | 34 |
| 17 | The influence of MgO on the radiation protection and mechanical properties of tellurite glasses. Nuclear Engineering and Technology, 2021, 53, 2000-2010. | 2.3 | 86 |
| 18 | The effect of Nb2O5 on waste sodaâ€lime glass in gammaâ€rays shielding applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 4903-4915. | 2.2 | 19 |

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| 19 | Radiation shielding competencies for waste sodaâ€“limeâ€“silicate glass reinforced with Ta2O5: experimental, computational, and simulation studies. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 8 |
| 20 | Photon and neutron absorbing capacity of titanate-reinforced borate glasses: B2O3â€“Li2Oâ€“Al2O3â€“TiO2. Journal of Materials Science: Materials in Electronics, 2021, 32, 7377-7390. | 2.2 | 3 |
| 21 | Monte Carlo simulation of radiation shielding properties of the glass system containing Bi2O3. European Physical Journal Plus, 2021, 136, 1. | 2.6 | 53 |
| 22 | Optical, mechanical properties and gamma ray shielding behavior of TeO2-Bi2O3-PbO-MgO-B2O3 glasses using FLUKA simulation code. Optical Materials, 2021, 113, 110900. | 3.6 | 47 |
| 23 | Evaluation of radiation shielding capacity of vanadiumâ€“telluriteâ€“antimonite semiconducting glasses. Optical Materials, 2021, 114, 110897. | 3.6 | 27 |
| 24 | Monte Carlo simulation study on TeO2â€“Bi2Oâ€“PbOâ€“MgOâ€“B2O3 glass for neutron-gamma 252Cf source. Journal of Materials Science: Materials in Electronics, 2021, 32, 11666-11682. | 2.2 | 63 |
| 25 | Evaluation of gamma-rays attenuation competences for waste soda-lime glass containing MoO3: Experimental study, XCOM computations, and MCNP-5 results.. Journal of Non-Crystalline Solids, 2021, 557, 120572. | 3.1 | 21 |
| 26 | A comprehensive study on novel alumino-borosilicate glass reinforced with Bi2O3 for radiation shielding applications: synthesis, spectrometer, XCOM, and MCNP-X works. Journal of Materials Science: Materials in Electronics, 2021, 32, 13882-13896. | 2.2 | 45 |
| 27 | <scp>Monte Carlo</scp> simulations study on gamma rayâ€“neutron shielding characteristics for vinyl ester composites. Polymer Composites, 2021, 42, 4764-4774. | 4.6 | 47 |
| 28 | Gamma ray shielding parameters of barium tetra titanate (BaTi4O9) ceramic. Journal of Materials Science: Materials in Electronics, 2021, 32, 18351-18362. | 2.2 | 27 |
| 29 | Radiation shielding properties of concrete containing magnetite. Progress in Nuclear Energy, 2021, 137, 103776. | 2.9 | 43 |
| 30 | Application of experiment and simulation to estimate radiation shielding capacity of various rocks. Arabian Journal of Geosciences, 2021, 14, 1. | 1.3 | 26 |
| 31 | Monte Carlo simulation on shielding properties of neutron-gamma from 252Cf source for Alumino-Boro-Silicate glasses. Radiation Physics and Chemistry, 2021, 186, 109540. | 2.8 | 37 |
| 32 | Gamma photon-neutron attenuation parameters of marble concrete by MCNPX code. Radiation Effects and Defects in Solids, 2021, 176, 906-918. | 1.2 | 30 |
| 33 | A significant study for radiation shielding applications: synthesis of waste CRT-derived glass systems containing CoO. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 5 |
| 34 | Optical, mechanical properties of TeO2-CdO-PbO-B2O3 glass systems and radiation shielding investigation using EPICS2017 library. Optik, 2021, 242, 167342. | 2.9 | 58 |
| 35 | Evaluation of gamma ray attenuation properties of boron carbide (B4C) doped AISI 316 stainless steel: Experimental, XCOM and Phy-X/PSD database software. Materials Today Communications, 2021, 29, 102793. | 1.9 | 22 |
| 36 | Xâ€ray shielding parameters of lanthanum oxide added waste <scp>sodaâ€lime</scp> glass. X-Ray Spectrometry, 2021, 50, 168-179. | 1.4 | 14 |

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|---|---|---|---|
| 37 | Fast Neutrons Shielding Properties for HAP-Fe2O3 Composite Materials. International Journal of Computational and Experimental Science and Engineering, 2021, 7, 143-145. | 10.0 | 65 |
| 38 | Radon activity concentrations in underground workplaces in Kosovo. Arabian Journal of Geosciences, 2021, 14, 1. | 1.3 | 0 |
| 39 | Determination of some dosimetric parameters in EÄŸirdir Lake, Isparta, Turkey. International Journal of Environmental Science and Technology, 2020, 17, 1503-1510. | 3.5 | 13 |
| 40 | Metal and alloy composites for neutron shielding. , 2020, , 139-175. | | 0 |
| 41 | Radiological parameters of bismuth oxide glasses using the Phy-X/PSD software. Emerging Materials Research, 2020, 9, 1020-1027. | 0.7 | 76 |
| 42 | Nuclear radiation shielding competences of barium-reinforced borosilicate glasses. Emerging Materials Research, 2020, 9, 1131-1144. | 0.7 | 75 |
| 43 | An experimental study and WinXCom calculations on X-ray photon characteristics of Bi2O3- and Sb2O3-added waste soda-lime-silica glass. Ceramics International, 2020, 46, 21120-21127. | 4.8 | 60 |
| 44 | Monte Carlo simulation of a NaI(Tl) detector efficiency. Radiation Physics and Chemistry, 2020, 176, 109081. | 2.8 | 23 |
| 45 | Fabrication, physical characteristic, and gamma-photon attenuation parameters of newly developed molybdenum reinforced bismuth borate glasses. Physica Scripta, 2020, 95, 115703. | 2.5 | 34 |
| 46 | Neutron Shielding Calculation for Barite-Boron-Water. Acta Physica Polonica A, 2020, 137, 551-553. | 0.5 | 53 |
| 47 | MCNPX Simulation for Radiation Dose Absorption of Anatomical Regions and Some Organs. Acta Physica Polonica A, 2020, 137, 561-565. | 0.5 | 53 |
| 48 | Measurement of Radiation Dose in Thyroid Scintigraphy. Acta Physica Polonica A, 2020, 137, 569-573. | 0.5 | 39 |
| 49 | Calculation of Linear Attenuation Coefficients of Algerian Silica Sand (ASS). Advanced Science, Engineering and Medicine, 2020, 12, 1300-1302. | 0.3 | 0 |
| 50 | Gamma-ray-shielding properties of composite materials made of recycled sport footwear. International Journal of Environmental Science and Technology, 2019, 16, 5113-5116. | 3.5 | 29 |
| 51 | Special issue of the â€œInternational Conference on Computational and Experimental Science and Engineering (ICCESEN)â€• International Journal of Environmental Science and Technology, 2019, 16, 4997-4997. | 3.5 | 0 |
| 52 | Radiation shielding properties of some ceramic wasted samples. International Journal of Environmental Science and Technology, 2019, 16, 5039-5042. | 3.5 | 72 |
| 53 | Evaluation of boron waste and barite against radiation. International Journal of Environmental Science and Technology, 2019, 16, 5267-5274. | 3.5 | 23 |
| 54 | FLUKA Monte Carlo calculations for angular distribution of bremsstrahlung photons from thin targets. Nuclear Instruments & Methods in Physics Research B, 2019, 443, 19-24. | 1.4 | 2 |

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| 55 | Natural Radiation Measurement in Some Soil Samples from Basra oil field, IRAQ State. International Journal of Computational and Experimental Science and Engineering, 2019, 5, 48-51. | 10.0 | 33 |
| 56 | Excitation Functions for the Proton Irradiation on 45ScTarget. International Journal of Computational and Experimental Science and Engineering, 2019, 5, 61-64. | 10.0 | 3 |
| 57 | Determination of natural radioactivity levels in soil and travertine of the region of Tokat and Sivas, Turkey. Arabian Journal of Geosciences, 2018, 11, 1. | 1.3 | 2 |
| 58 | The correlation of the seismic activities and radon concentration in soil gas. Arabian Journal of Geosciences, 2018, 11, 1. | 1.3 | 12 |
| 59 | Excitation functions of proton induced reactions of some radioisotopes used in medicine. Open Chemistry, 2018, 16, 810-816. | 1.9 | 4 |
| 60 | Results of the simultaneous measurements of radon around the Black Sea for seismological applications. Journal of Environmental Radioactivity, 2018, 192, 48-66. | 1.7 | 19 |
| 61 | Determination of <sup>40</sup>K Concentration in Gravel Samples from Konyaalt i Beach, Antalya. Acta Physica Polonica A, 2017, 132, 1095-1097. | 0.5 | 20 |
| 62 | Adult Patient Radiation Doses with Multislice Computed Tomography Exam: MSCT Standard Protocols. Acta Physica Polonica A, 2017, 132, 1126-1127. | 0.5 | 7 |
| 63 | Production of Barite and Boroncarbide Doped Radiation Shielding Polymer Composite Panels. Acta Physica Polonica A, 2017, 132, 1145-1148. | 0.5 | 15 |
| 64 | Determination of Radiation Shielding Properties of Fabrics using Image Processing Method. Acta Physica Polonica A, 2017, 132, 1171-1172. | 0.5 | 2 |
| 65 | Calculations of Double Differential Cross Sections on <sup>56</sup>Fe, <sup>63</sup>Cu and <sup>90</sup>Zr Neutron Emission in Proton Induced Reactions. Acta Physica Polonica A, 2017, 132, 1181-1185. | 0.5 | 3 |
| 66 | Comparison of Excitation Functions of Longer and Shorter Lived Radionuclides. Acta Physica Polonica A, 2017, 132, 1186-1188. | 0.5 | 4 |
| 67 | Investigation of Buildup Factor in Gamma-Ray Measurement. Acta Physica Polonica A, 2017, 132, 1203-1206. | 0.5 | 10 |
| 68 | Radiation Shielding Properties of Some Composite Panel. Acta Physica Polonica A, 2017, 132, 490-492. | 0.5 | 43 |
| 69 | Determination of Radiation Shielding of Concrete Produced from Portland Cement with Boron Additives. Acta Physica Polonica A, 2017, 132, 702-704. | 0.5 | 10 |
| 70 | Monte Carlo Simulation Studies of Collimator Parameters for TARLA Bremsstrahlung Facility. Acta Physica Polonica A, 2017, 132, 796-800. | 0.5 | 1 |
| 71 | Investigation of Radiation Exposure Dose from Nuclear Medicine Procedures (Tc-99m MAG-3). Acta Physica Polonica A, 2017, 132, 883-885. | 0.5 | 5 |
| 72 | The Effect of Meteorological Parameters on Radon Concentration in Soil Gas. Acta Physica Polonica A, 2017, 132, 999-1001. | 0.5 | 36 |

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| 73 | Calculations of Temperature Rise in Al, Cu and Fe Photon Collimators for 8-32~MeV Photon Beams. Acta Physica Polonica A, 2017, 132, 1168-1170. | 0.5 | 0 |
| 74 | Determination of effective atomic number and electron density of heavy metal oxide glasses. Radiation Effects and Defects in Solids, 2016, 171, 202-213. | 1.2 | 14 |
| 75 | Application of the nuclear analytical chemistry (NAC) methods in seismological researches of mud volcanoes and springs in the Black Sea zone. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 169-178. | 1.5 | 8 |
| 76 | Determination of Radiation Shielding Properties of Cotton Polyester Blend Fabric Coated with Different Barite Rate. Acta Physica Polonica A, 2016, 129, 878-879. | 0.5 | 5 |
| 77 | A Study on Radiation in Operating Room in Suleyman Demirel University. Acta Physica Polonica A, 2016, 130, 401-403. | 0.5 | 2 |
| 78 | Computed Tomography Routine Examinations and the Related Risk of Cancer. Acta Physica Polonica A, 2016, 130, 409-411. | 0.5 | 1 |
| 79 | Determination of Natural Radioactivity and Associated Radiological Hazard in Excavation Field in Turkey (Oluz HÃ¶yÃ¼k). Acta Physica Polonica A, 2016, 130, 475-478. | 0.5 | 31 |
| 80 | Investigation of the Radon Levels in Groundwater and Thermal Springs of Pamukkale Region. Acta Physica Polonica A, 2016, 130, 496-498. | 0.5 | 7 |
| 81 | Investigation of Double Differential Cross Sections of (Î³,p) Reaction for<sup>12</sup>C Nuclei. Acta Physica Polonica A, 2016, 130, 313-315. | 0.5 | 5 |
| 82 | Radiation Dose in Dental Radiology. Acta Physica Polonica A, 2016, 130, 407-408. | 0.5 | 2 |
| 83 | Excitation Functions of (d,n) Reactions on Some Light Nuclei. Acta Physica Polonica A, 2016, 130, 484-486. | 0.5 | 7 |
| 84 | Radiation Exposure of Medical Staff in Interventional Radiology. Acta Physica Polonica A, 2016, 130, 404-406. | 0.5 | 1 |
| 85 | A helium gas scintillator active target for photoreaction measurements. European Physical Journal A, 2015, 51, 1. | 2.5 | 3 |
| 86 | Radiation shielding properties of barite coated fabric by computer programme. AIP Conference Proceedings, 2015, , . | 0.4 | 2 |
| 87 | Calculation of Detection Efficiency for the Gamma Detector using MCNPX. Acta Physica Polonica A, 2015, 128, B-332-B-335. | 0.5 | 43 |
| 88 | Performance of Boron-Carbide as Radiation Shielding. Acta Physica Polonica A, 2015, 128, B-335-B-337. | 0.5 | 6 |
| 89 | Radioactivity Measurement on Dental Resin Composites. Acta Physica Polonica A, 2015, 128, B-34-B-37. | 0.5 | 10 |
| 90 | Investigation of Radiation Absorption Properties of Some India Granites. Acta Physica Polonica A, 2015, 128, B-370-B-372. | 0.5 | 6 |

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| 91 | Photoneutron Dose Measurement in Radiotherapy Room. Acta Physica Polonica A, 2015, 128, B-372-B-375. | 0.5 | 4 |
| 92 | Monte Carlo Simulation of Photoneutron Dose in Radiotherapy Room as A Function of Gantry Angles. Acta Physica Polonica A, 2015, 128, B-378-B-380. | 0.5 | 12 |
| 93 | Determination of Gamma-ray Attenuation Coefficients at Different Energies in Amasya Marbles. Acta Physica Polonica A, 2015, 128, B-395-B-397. | 0.5 | 5 |
| 94 | Investigation of Energy Deposition and Dose Distributions on Collimator under Photon Beam. Acta Physica Polonica A, 2015, 128, B-400-B-402. | 0.5 | 3 |
| 95 | Cross Sections Calculation of (Î³,N) Reactions for Some Elements. Acta Physica Polonica A, 2015, 128, B-411-B-414. | 0.5 | 5 |
| 96 | Variation of Energy Resolution with Distance for a NaI(Tl) Detector. Acta Physica Polonica A, 2015, 128, B-422-B-424. | 0.5 | 8 |
| 97 | Distribution of Natural Radioactivity from<sup>40</sup>K Radioelement in Volcanics of SandÄ±klÄ±-Åžuhut (Afyon) Area. Acta Physica Polonica A, 2015, 128, B-438-B-441. | 0.5 | 18 |
| 98 | Determination of Natural Radioactivity from<sup>232</sup>Th with Gamma-Ray Spectrometer in DerekÃ¶y-YazÄ±r (Southwestern Anatolia). Acta Physica Polonica A, 2015, 128, B-441-B-443. | 0.5 | 14 |
| 99 | Investigation of Radon Concentrations in Pamukkale-Turkey. Acta Physica Polonica A, 2015, 128, B-445-B-447. | 0.5 | 11 |
| 100 | Barite Effect on Radiation Shielding Properties of Cotton-Polyester Fabric. Acta Physica Polonica A, 2015, 128, B-53-B-54. | 0.5 | 45 |
| 101 | (IJCESEN). International Journal of Computational and Experimental Science and Engineering, 2015, 1, 1-1. | 10.0 | 41 |
| 102 | Calculation of Gamma Strength Functions for Photonucleon Reactions. Acta Physica Polonica A, 2015, 128, B-414-B-417. | 0.5 | 5 |
| 103 | Radiation Protection in PET Room. Acta Physica Polonica A, 2015, 128, B-375-B-378. | 0.5 | 1 |
| 104 | The Measurement of Gamma Dose in Radiotherapy Unit. Acta Physica Polonica A, 2015, 128, B-367-B-370. | 0.5 | 0 |
| 105 | Investigation of Production Reaction Cross Section for137Cs Used in Radiotherapy. Acta Physica Polonica A, 2015, 128, B-363-B-364. | 0.5 | 6 |
| 106 | Variation of Photoneutron Cross Section with Mass Number. Acta Physica Polonica A, 2015, 128, B-409-B-411. | 0.5 | 5 |
| 107 | Angular Distribution of Bremsstrahlung Photons in Ta Target for 40 MeV Electron Beam. Acta Physica Polonica A, 2015, 128, B-443-B-445. | 0.5 | 6 |
| 108 | Determination of gamma ray attenuation coefficients of Al-4% Cu/B4C metal matrix composites at 662, 1173 and 1332 keV. Bulletin of Materials Science, 2014, 37, 1175-1179. | 1.7 | 13 |

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| 109 | Detection Efficiency of NaI(Tl) Detector in 511â€“1332â€‰keV Energy Range. Science and Technology of Nuclear Installations, 2014, 2014, 1-5. | 0.8 | 35 |
| 110 | Radiation Protection by the Barite Coated Fabrics via Image Processing Methodology. Acta Physica Polonica A, 2014, 125, 316-318. | 0.5 | 6 |
| 111 | Natural Radioactivity Measurements and Radiation Dose Estimation in Some Sedimentary Rock Samples in Turkey. Science and Technology of Nuclear Installations, 2014, 2014, 1-6. | 0.8 | 26 |
| 112 | The relation of seismic activity and radon concentration. , 2014, , . | | 0 |
| 113 | Radiation Shielding Properties of Shotcrete. Acta Physica Polonica A, 2014, 125, 299-300. | 0.5 | 0 |
| 114 | Activation cross sections for the (Î³,n) reactions on zirconium isotopes. Annals of Nuclear Energy, 2014, 65, 181-183. | 1.8 | 7 |
| 115 | Shielding Property of Natural Biomass Against Gamma Rays. International Journal of Phytoremediation, 2014, 16, 247-256. | 3.1 | 3 |
| 116 | A comparison of radiation shielding of stainless steel with different magnetic properties. Nuclear Technology and Radiation Protection, 2014, 29, 186-189. | 0.8 | 8 |
| 117 | ANN modeling of the bremsstrahlung photon flux in tantalum target. Neural Computing and Applications, 2013, 23, 1591-1595. | 5.6 | 8 |
| 118 | Effective atomic number and electron density of marble concrete. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 633-638. | 1.5 | 57 |
| 119 | Micro-zoning of the natural radioactivity levels and seismic velocities of potential residential areas in volcanic fields: The case of Isparta (Turkey). Journal of Applied Geophysics, 2013, 98, 191-204. | 2.1 | 38 |
| 120 | Activation cross section for the 125Te(p,xn) reactions in 5.5â€“100.5MeV energy range. Annals of Nuclear Energy, 2013, 60, 341-343. | 1.8 | 7 |
| 121 | Investigation of mass attenuation coefficients of water, concrete and bakelite at different energies using the FLUKA Monte Carlo code. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1303-1307. | 1.5 | 50 |
| 122 | Photon interaction, energy absorption and neutron removal cross section of concrete including marble. Annals of Nuclear Energy, 2013, 60, 8-14. | 1.8 | 97 |
| 123 | The effect of barite proportion on neutron and gamma-ray shielding. Annals of Nuclear Energy, 2013, 51, 5-9. | 1.8 | 143 |
| 124 | Determination of Radiation Attenuation Coefficients of Concretes in Different Densities. Acta Physica Polonica A, 2013, 123, 374-375. | 0.5 | 5 |
| 125 | Cement Paste as a Radiation Shielding Material. Acta Physica Polonica A, 2013, 123, 341-342. | 0.5 | 5 |
| 126 | Photon Attenuation Coefficients of Iron Doped Clay at 662~keV. Acta Physica Polonica A, 2013, 123, 343-344. | 0.5 | 3 |

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| 127 | Monte Carlo simulations of bremsstrahlung photon yields from thin targets with electron beams between 10 and 40ÂMeV. Radiation Effects and Defects in Solids, 2013, 168, 372-377. | 1.2 | 5 |
| 128 | Variation of the Photon Attenuation Coefficients of Pumice Concrete in Different Chemical Media. Asian Journal of Chemistry, 2013, 25, 3279-3281. | 0.3 | 0 |
| 129 | Natural radioactivity concentration of peanuts in Osmaniye-Turkey. , 2012, , . | | 0 |
| 130 | Radiation absorption properties of different plaster samples. , 2012, , . | | 0 |
| 131 | Investigation of radiation keeping property of barite coated cloth via image processing method. AIP Conference Proceedings, 2012, , . | 0.4 | 2 |
| 132 | Gamma-ray shielding properties of some travertines in Turkey. , 2012, , . | | 1 |
| 133 | Radiation transmission of concrete including pumice for 662, 1173 and 1332keV gamma rays. Nuclear Engineering and Design, 2012, 252, 163-166. | 1.7 | 63 |
| 134 | Photon attenuation coefficients of concrete including marble aggregates. Annals of Nuclear Energy, 2012, 43, 56-60. | 1.8 | 65 |
| 135 | Chemical corrosion on gamma-ray attenuation properties of barite concrete. Journal of Saudi Chemical Society, 2012, 16, 199-202. | 5.2 | 51 |
| 136 | Determination of Some Heavyweight Aggregate Half Value Layer Thickness Used for Radiation Shielding. Acta Physica Polonica A, 2012, 121, 138-140. | 0.5 | 40 |
| 137 | The Effect of Pumice Rate on the Gamma Absorption Parameters of Concrete. Acta Physica Polonica A, 2012, 121, 144-146. | 0.5 | 8 |
| 138 | The Concentrations of [sup 40]K, [sup 226]Ra and [sup 232]Th in Soil Sample in Osmaniye (Turkey). , 2011, , . | | 0 |
| 139 | Radiation Shielding Properties of Some Marbles in Turkey. AIP Conference Proceedings, 2011, , . | 0.4 | 3 |
| 140 | Natural Radioactivity of Boron Added Clay Samples. , 2011, , . | | 2 |
| 141 | Investigating Radiation Shielding Properties of Different Mineral Origin Heavyweight Concretes. AIP Conference Proceedings, 2011, , . | 0.4 | 21 |
| 142 | Gamma Ray Attenuation Coefficient of Microalloyed Stainless Steel. Arabian Journal for Science and Engineering, 2011, 36, 145-149. | 1.1 | 6 |
| 143 | The boronizing effect on the radiation shielding and magnetization properties of AISI 316L austenitic stainless steel. Nuclear Engineering and Design, 2011, 241, 55-58. | 1.7 | 40 |
| 144 | Effects of Heat Treatment on the Microstructure and Mechanical Properties of Low-carbon Microalloyed Steels. High Temperature Materials and Processes, 2011, 30, . | 1.4 | 0 |

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| 145 | A ground radiometric study of uranium, thorium and potassium in Isparta, Turkey. Annals of Geophysics, 2011, 53, . | 1.0 | 14 |
| 146 | Prediction of compressive strength of heavyweight concrete by ANN and FL models. Neural Computing and Applications, 2010, 19, 507-513. | 5.6 | 69 |
| 147 | Photon attenuation coefficients of concrete includes barite in different rate. Annals of Nuclear Energy, 2010, 37, 910-914. | 1.8 | 266 |
| 148 | Radiation shielding of concrete containing zeolite. Radiation Measurements, 2010, 45, 827-830. | 1.4 | 105 |
| 149 | Neutron irradiation effects on Iâ€“V characteristics of Au/n-GaAs Schottky diodes. Radiation Measurements, 2010, 45, 1381-1383. | 1.4 | 8 |
| 150 | Natural radioactivity and radiation hazards in some building materials used in Isparta, Turkey. Radiation Physics and Chemistry, 2010, 79, 933-937. | 2.8 | 87 |
| 151 | Prediction of photon attenuation coefficients of heavy concrete by fuzzy logic. Journal of the Franklin Institute, 2010, 347, 1589-1597. | 3.4 | 54 |
| 152 | Gamma-ray shielding properties of concrete including barite at different energies. Progress in Nuclear Energy, 2010, 52, 620-623. | 2.9 | 182 |
| 153 | Image processing technique (IPT) to determine radiation shielding. , 2010, 20, 1592-1596. | | 9 |
| 154 | The Development of a Computer Program for Estimating Solar Radiation. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2010, 32, 995-1003. | 2.3 | 18 |
| 155 | Estimation of Horizontal Solar Radiation in Isparta (Turkey). Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2010, 32, 512-517. | 2.3 | 18 |
| 156 | Effective atomic and electron numbers of some steels at different energies. Annals of Nuclear Energy, 2009, 36, 1702-1705. | 1.8 | 184 |
| 157 | The effect of barite rate on the physical and mechanical properties of concretes under Fâ€“T cycle. Materials & Design, 2008, 29, 1793-1795. | 5.1 | 17 |
| 158 | Photonuclear reaction to test cluster structure of Lithium. , 2008, , . | | 0 |
| 159 | The Effect of Boronizing on the Radiation Shielding Properties of Steel. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2008, 63, 445-447. | 1.5 | 7 |
| 160 | Investigation of radiation Shielding Properties of of Some Building Materials. AIP Conference Proceedings, 2007, , . | 0.4 | 2 |
| 161 | Effective Atomic Numbers for Feâ€“Mn Alloy Using Transmission Experiment. Chinese Physics Letters, 2007, 24, 2812-2814. | 3.3 | 56 |
| 162 | Measurement of theHe4(Î³,n)reaction from23<EÎ³<70MeV. Physical Review C, 2007, 75, . | 2.9 | 19 |

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