

Guembou Shouop CÃ©bastien

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9450609/publications.pdf>

Version: 2024-02-01

23
papers

206
citations

1040056

9
h-index

1125743

13
g-index

24
all docs

24
docs citations

24
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Monte Carlo optimum management of ²⁴¹ Am/ ^{Be} disused sealed radioactive sources. Scientific Reports, 2022, 12, 1183.	3.3	2
2	Barite concrete-based cement composites for ²⁵² Cf spontaneous neutron and ⁶⁰ Co/ ¹⁹² Ir shielding based on Monte Carlo computation. Materials Research Express, 2022, 9, 045502.	1.6	0
3	Elemental characterization of quartzite of Pouma sub-division of Cameroon and radiation attenuation properties based on XCOM and GEANT4 Monte Carlo simulation. Radiation Effects and Defects in Solids, 2022, 177, 688-705.	1.2	1
4	Recovering and restitution of unknown, unidentified, and unlabeled samples in laboratories using EDXRF analysis. MethodsX, 2021, 8, 101435.	1.6	2
5	Application of energy dispersive X-ray fluorescence, ¹³⁷ I-ray spectrometry and multivariate statistical approach for the classification of soil/sand from Douala â€” Cameroon. Radiation Physics and Chemistry, 2021, 188, 109589.	2.8	5
6	Multivariate statistical assessment of natural radioactivity and radiological hazards data of cement building materials mainly used in Cameroon. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	3
7	Heavy Metal Pollution Assessment Using Energy-Dispersive X-ray Fluorescence and Multivariate Statistical Approach of Soil from Phosphate Ore Sites, Southern Region of Togo. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	6
8	²⁴¹ Am/ ^{Be} source optimum geometry for DSRS management-based Monte Carlo simulations. AIP Advances, 2021, 11, 115024.	1.3	4
9	Shielding design for high-intensity Co-60 and Ir-192 gamma sources used in industrial radiography based on PHITS Monte Carlo simulations. European Physical Journal Plus, 2020, 135, 1.	2.6	5
10	Radiological protection requirements with regard to cosmic ray exposure during air travel. European Physical Journal Plus, 2020, 135, 1.	2.6	8
11	New Cf-252 neutron source shielding design based Monte Carlo simulation using material combination. AIP Advances, 2020, 10, .	1.3	10
12	Determination of the natural radioactivity, elemental composition and geological provenance of sands from Douala in the littoral region of Cameroon using X-ray and ¹³⁷ I-ray spectrometry. Applied Earth Science: Transactions of the Institute of Mining and Metallurgy, 2019, 128, 167-180.	1.0	4
13	Simultaneously gamma spectrometry & energy dispersive X-ray fluorescence-based color differentiation analysis of Douala-Bassa areaâ€™s soil. Environmental Technology and Innovation, 2019, 16, 100486.	6.1	4
14	Elemental quantification and radioactive characterization of soil from Douala Bassa area: littoral region of Cameroon using X- and ¹³⁷ I-rays spectrometry. Environmental Research Communications, 2019, 1, 065001.	2.3	3
15	Preliminary assessment of natural radioactivity and associated radiation hazards in a phosphate mining site in southern area of Togo. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	16
16	Monte Carlo method for gamma spectrometry based on GEANT4 toolkit: Efficiency calibration of BE6530 detector. Journal of Environmental Radioactivity, 2018, 189, 109-119.	1.7	31
17	Assessment of natural radioactivity levels and the associated radiological hazards in some building materials from Mayo-Kebbi region, Chad. Radioprotection, 2018, 53, 265-278.	1.0	16
18	Precision measurement of radioactivity in gamma-rays spectrometry using two HPGe detectors (BEGe-6530 and GC0818-7600SL models) comparison techniques: Application to the soil measurement. MethodsX, 2017, 4, 42-54.	1.6	24

#	ARTICLE	IF	CITATIONS
19	Optimal measurement counting time and statistics in gamma spectrometry analysis: The time balance. AIP Conference Proceedings, 2017, , .	0.4	3
20	Assessment of natural radioactivity and associated radiation hazards in sand building material used in Douala Littoral Region of Cameroon, using gamma spectrometry. Environmental Earth Sciences, 2017, 76, 1.	2.7	21
21	Radiological monitoring and statistical approach of primordial and anthropogenic radionuclides in surface soil of Mami-water site in the Western Cameroon. Environmental Earth Sciences, 2017, 76, 1.	2.7	9
22	Radiological Hazards in Soil from the Bauxite Deposits Sites in Dschang Region of Cameroon. British Journal of Applied Science & Technology, 2015, 5, 342-352.	0.2	15
23	Gamma Emitting Radionuclides in Soils from Selected Areas in Douala-Bassa Zone, Littoral Region of Cameroon. ISRN Spectroscopy, 2014, 2014, 1-8.	0.9	11