السيرة الذاتية : د/ سعاد عبد المعطي سعد فارس

البيانات الأساسية		
الاسم	سعاد عبد المعطي سعد فارس	الصورة الشخصية Personal Photo
الوظيفية	أستاذ مشارك مشرفة قسم الفيزياء بالكلية للاعوام(1435-1436 -1437-1438-1441-1442-1443-1444) مشرفة لجنة الجودة والاعتماد الاكاديمي بالكلية (شطر الطالبات) للاعوام (1439-1440). عضو فريق صلة بعمادة الجودة والاعتماد الأكاديمي للاعوام (1439-1440)	الرتبة العلمية + أي منصب إداري داخل الجامعة
الجهة	كلية العلوم والآداب بالمندق عمادة الجودة والاعتماد الأكاديمي لجنة الجودة والاعتماد الأكاديمي بالكلية	الكلية أولاً ثم أي جهة يعمل بها داخل الجامعة
القسم	قسم الفيزياء	داخل الكلية فقط
رقم الهاتف	0502182715	الهاتف + التحويلة
البريد الإلكتروني	sasaad@bu.edu.sa	البريد الجامعي الرسمي فقط
الموقع الشخصي	sfares2@Yahoo.com	خارج نطاق الجامعة

Basic Information		
Name	Soad Abd Elmoty Saad Fares	
Position	Associate Professor. Supervisor of the Development and Quality Committee for Scientific Departments. Member of Selah team at the Deanship of Quality and Academic Accreditation. Supervisor of Physics Department.	Academic position + any other position inside BU
Employer	Faculty of Science and Arts (Al-Mandqu)	Faculty first then others
Department	Physics Department	Inside the faculty only
Phone	0502182715	Phone # + Ext.
Email	sasaad@bu.edu.sa	BU official Email only
Website	sfares2@yahoo.com	Outside BU domain

المؤهلات		
الدكتوراه	درجة الدكتوراه في الفيزياء النووية، جامعة قناة السويس، الإسماعيلية، مصر ، أكتوبر 1992 م	مسمى الشهادة في التخصص – الجامعة – الدولة - العام
الماجستير	درجة الماجستير في الفيزياء النووية ، جامعة عين شمس ، القاهرة ، 1986	

البكالوريوس	درجة البكالوريوس في الفيزياء ، جامعة قناة السويس، الإسماعيلية ، مصر ، سبتمبر 1981	
أخرى	أستاذ مشارك في الفيزياء الاشعاعية ، المركز القومي لبحوث وتكنولوجيا الاشعاع ، هيئة الطاقة الذرية ، مصر ، 2012 .	

Qualifications		
PhD	Ph.D in the "Nuclear Physics", Suez Canal University, Ismailia, Egypt. October 1992	Degree in Major – University, Country - Year
Masters	M.Sc. in the "Nuclear Physics ", Ain Shams University, Cairo, Egypt. 1986	
Bachelor	B.Sc. in "Physics" Faculty of Science, Suez Canal University, Ismailia, Egypt. September 1981	
Other	Associate Prof. in the "Radiation Physics." , National Center of Radiation Research and Technology, Atomic Energy Authority. 2012	

الاهتمامات البحثية
• دراسة تأثير الأشعاع على الخصائص الفيزيائية للدائن والمواد النانونية من اجل تحسين خصائصها. • تطبيقات تقنيات أطياف اشعة جاما لحساب وتحليل مستويات الاشعاع الطبيعي في البيئة (المستويات المرتفعة – المستويات المنخفضة) وتقييم المخاطر الإشعاعية.

Research Interests
▪ **studying the effect of γ-irradiation on some polymers and nanomaterials physical properties to make a modification to their properties.** ▪ **Application of gamma spectrometric techniques to evaluate and analysis the natural radioactivity levels for NORMS in The environment (High Level & Low Level) Assessment of Radiological Risk.**

Publications النشر العلمي		
رابط الصفحة الشخصية للباحثة في مواقع الفهرسة العلمية التالية		
To ease the indexing, it is preferred to use a link to one of the following indexing websites		
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57190837861 **Scopus ID: 57190837861**	Scopus author ID
Google Scholars	https://scholar.google.com/citations?hl=ar&user=XDC990wAAAAJ	User ID or link
Research Gate	https://www.researchgate.net/profile/Soad_Fares2	Inside the faculty only

Researcher ID	**Mendeley** **https://www.mendeley.com/profiles/soad-fares2/publications/**	User ID or link
ORCID	**orcid.org/0000-0003-2202-5754** **https://www.scopus.com/redirect.uri?url=http://www.orcid.org/0000-0003-2202-5754&authorId=57190837861&origin=AuthorProfile&orcId=0000-0003-2202-5754&category=orcidLink**	ORCID ID
publons	**https://publons.com/researcher/1632672/soad-sad-fares/**	Web of Science Researcher ID

التدريس (المهام التدريسية بالعام الجامعي (1442-1443) -الفصل الاول والثاني (1443-1444)				
الفصل الدراسي	ساعات الاتصال	الساعات المعتمدة	عنوان المقرر	رمز المقرر
الأول	3	3	فيزياء ذرية	PHYS-10701
الأول	2	2	فيزياء حديثة	PHYS-10504
الأول	2	2	فيزياء اشعاعية	PHYS-10704
الأول	2	2	فيزياء الاغشية الرقيقة	PHYS-10707
الثاني	2	2	مطيافية جزيئية	PHYS-10802
الثاني	4	3	فيزياء نووية (1)	PHYS-10604
الثاني	2	2	فيزياء نووية (2)	PHYS-10804
الثاني	2	2	فيزياء المواد	PHYS-10805
الثاني	2	2	فيزياء الجسيمات الأولية	PHYS-10808

				Teaching
Course #	Course	Credit Hours	Comm. Hours	Term
PHYS-10701	Atomic Physics	3	3	1St
PHYS-10504	Modern Physics	3	4	1St
PHYS-10704	Radiation Physics	2	2	1St
PHYS-10707	Thin Films	2	2	1St
PHYS-10802	Molecular Spectroscopy	2	2	2nd
PHYS-10604	Nuclear Physics (1)	3	4	2nd
PHYS-10804	Nuclear Physics (2)	2	2	2nd
PHYS-10805	Materials Physics	2	2	2nd
PHYS-10808	Elementary Particles	2	2	2nd

Scientific Literature: المؤلفات العلمية

No.	Scientific Literature Title	Year of The Publication
1	**Effects of Radiation on Materials** "Radiation Damage on the Physical Characteristics of Solids"	**LAMBRT Academic Publishing, Amazon. com,** Publication Date : November 26, 2012.

Scientific Activities:

Within the College	Outside the College
	Peer – review activities: 1. Journal reviewer for "International Journal of Environmental Analytical Chemistry ".
	2- Journal reviewer for" Applied Water Science"
	3- Journal reviewer for "Environmental Science: Advances"

Theses (Master's and Ph.D.) that I supervised:

No.	Thesis Title	Department
1	**Ph.D. in Physics, Physical properties and irradiation effect studies on polymer and ceramic waste compounds, Magda Abd El-Rahman , Faculty of Science , Suez Canal University,2012.**	Faculty of Sciences - Department of Physics, Suez Canal University
2	**Ph.D., Making carbon in stars: precision spectroscopy of the Hoyle state ,Badriah Alshahrani , Department of Nuclear Physics, The Australian National University, ACT, (June-2012 to June-2015), Australia.**	Department of Nuclear Physics, The Australian National University, ACT, (June-2012 to June-2015), Australia.

3	**M.Sc. in Physics, Determine the level of radiation Natural Radioactivity and Radiation Doses in Some Kinds of Commercially Marble and Granite collected from different, Quarries and factories in Egypt. Kareem Talaat Mustafa Mohamed, Faculty of Science , Suez Canal University,2012.**	Faculty of Sciences - Department of Physics, Suez Canal University
4	**M.Sc. in Physics, EVALUATION OF NATURAL RADIOACTIVITY AROUND A SOME FERTILIZERB FACTORIES AREA IN EGYPT, Fatema Abd-El Hameed , Faculty of Science , Port Said University,2014.**	Faculty of Sciences - Department of Physics, Port Saied University

Scientific PublicationsList قائمة الأبحاث العلمية المنشورة

1- The Decay scheme of ^{140}La Nucleus Level in ^{140}Ce .

^{1}H.R.Saad, ^{1}H.A.Ashry,^{1} S.S.Fares .

^{1}Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

Isotopenpraxis, 25(11-12),1989 ,493 .

https://www.researchgate.net/publication/231049370_Level_structure_of_140Ce_from_the_decay_of_140La

DOI: 10.1088/0256-307X/2/6/007

مخطط الاضمحلال لمستويات الانوية La 140 في Ce140

2 - Study of ^{149}Nd Nucleus.

^{1}H.R.Saad, ^{1}S.M.EL-Sayed ,^{1}S.S.Fares .

^{1}Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

Arab Journal of Nuclear Sciences and Applications. Vol.12, No.311 , P4-32 , 1991.

دراسة نواة Nd149

3 - Decay Scheme of ^{143}Ce Nucleus.

^{1}H.R.Saad , ^{1}H.A.Ashry , ^{1}S.S.Fares.

^{1}Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

Radiation Phy. Chem. Vol.44, No.1l2 , P9-17 , 1994.

https://www.researchgate.net/publication/252384516_Decay_scheme_of_143Ce_Nucleus

DOI: 10.1016/0969-806X(94)90095-7

مخطط الاضمحلال لنواة Ce.143

4 - Measurement of Light Emitting Diodes under the Effect of Radiation. M.Ashry and S.Fares .

^{1}Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo, Egypt.

Accepted in " Third Baha Technical Meeting , 11-15 December (BTM 2004) BAHA , K.S.A .

قياس الثنائيات الباعثة للضوء تحت تأثير الإشعاع.

5-Diffusion length analysis and measurement in the base region of photodiodes.

^{1}M. Ashry, ^{1}S. Fares*.

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

Journal of Physics and Chemistry of Solids 64 (2003) 2429–2431.

https://www.researchgate.net/publication/243307983_Diffusion_length_analysis_and_measurement_in_the_base_region_of_photodiodes

DOI: 10.1016/S0022-3697(03)00285-3

تحليل وقياس طول الانتشار في المنطقة الأساسية للديودات الضوئية.

6 - Structural and short-range order analysis of glassy system.

[1]S.M. El-Sayed, [1]A.H. Ashour, [1]S.A. Fares .

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

Physica B 406 (2011) 435–439.

https://www.researchgate.net/publication/253512305_Structural_and_short-range_order_analysis_of_glassy_system

DOI:10.1016/j.physb.2010.11.007

التحليل الهيكلي وقصير المدى للنظام الزجاجي.

7 - Frequency Dependence of The Electrical Conductivity and Dielectric Constants of Polycarbonate (Makrofol-E) Film Under The Effects of γ – Radiation.

S.Fares.

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

American Journal of Materials Science: 2011; 1(1): 52-56.

https://www.researchgate.net/publication/276488876_Frequency_Dependence_of_the_Electrical_Conductivity_and_Dielectric_Constants_of_Polycarbonate_Makrofol-E_Film_under_the_Effects_of_a-Radiation

DOI:10.4236/ns.2011.312129

اعتماد التردد على التوصيل الكهربائي وثوابت العزل الكهربائي لفيلم البولي كربونات (ماكروفول إي) تحت تأثير الإشعاع γ.

8 - Natural Radioactivity and the Resulting Radiation Doses in Some Kinds of Commercially Marble collected from different quarries and factories in Egypt.

[1]S. Fares*, [1]A. Ashour, [2]M. El-Ashry and [1]M. Abd El-Rahma .

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

[2]Department of Physics-Faculty of Science, Suez Canal University.

Accepted for oral presentation in the [29]th conference (Eg-MRS 2011).

Corpus ID: 134720670

النشاط الإشعاعي الطبيعي والجرعات الإشعاعية الناتجة عنه في بعض أنواع الرخام التجاري المجموعة من المحاجر والمصانع المختلفة في مصر.

9 - Gamma Radiation Hazards and Risk Associated With Wastes From Granite Rock Cutting and Polishing Industries In Egypt.

[1]S. Fares*, [1]A. Ashour, [2]M. El-Ashry and [1]M. Abd El-Rahma .

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

[2]Department of Physics-Faculty of Science, Suez Canal University.

Accepted for oral presentation in the [29]th conference (Eg-MRS 2011).

https://inis.iaea.org/search/search.aspx?orig_q=RN:45051789

مخاطر أشعة جاما والمخاطر المرتبطة بالنفايات الناتجة عن صناعات تقطيع وتلميع صخور الجرانيت في مصر.

10 - Gamma Radiation Hazards and Risk Associated With Wastes From Granite Rock Cutting and Polishing Industries In Egypt.

[1]S. Fares*, [1]A. Ashour, [2]M. El-Ashry and [1]M. Abd El-Rahma .

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

[2]Department of Physics-Faculty of Science, Suez Canal University.

Nuclear and Radiation Safety Journal ,1 (53).2012.

https://nuclear-journal.com/index.php/journal/article/view/227

ISSN (print) 2073-6231

Indexed: SCOPUS з Vol. 53, No 1 (2012)

Source ID: 21100212322

مخاطر إشعاع جاما والمخاطر المرتبطة بالنفايات الناتجة عن صناعات تقطيع وتلميع صخور الجرانيت في مصر.

11 - Electrical Characteristic Measurement of the Fabricated CdSe/P-Si Heterojunction Solar Cell Under Radiation Effect.

[1]M Ashry and [1]S. Fares* .

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

American Journal of Materials Science 2012, 2(3): 72-76

DOI: 10.5923/j.materials.20120203.07

http://article.sapub.org/10.5923.j.msse.20120102.04.html

قياس الخصائص الكهربائية للخلية الشمسية CdSe / P-Si غير المتجانسة المصنعة تحت تأثير الإشعاع.

12 - Radiation Effect on Optical and Electrical Properties of Cd Se (In)/P-Ge Heterojunction Photovoltaic Solar Cell.

[1]M.Ashry and [1]S.Fares* .

[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

IOP Science, Journal of Semiconductors, Vol. 33, No. 10 , October 2012.

https://iopscience.iop.org/article/10.1088/1674-4926/33/10/102001/pdf

DOI: 10.1088/1674-4926/33/10/102001

تأثير الإشعاع على الخواص الضوئية والكهربائية للخلية الشمسية الكهروضوئية Cd Se (In) / P-Ge غير المتجانسة

13-Influence of Gamma-Ray Irradiation on Optical and Thermal Degradation of Poly(Ethyl-Methacrylate) (PEMA) polymer.

S.Fares, **.** [1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

Polymer Research & Reviews in Polymers, Vol.3(4), 2012. ISSN : 2249 – 8877**.**
https://www.tsijournals.com/articles/influence-of-gammaray-irradiation-on-optical-and-thermal-degradation-of-poly-ethylmethacrylate-pema-polymer.pdf
DOI: 10.4236/ns.2012.47067

تأثير تشعيع أشعة جاما على التحلل البصري والحراري لبوليمر بولي (إيثيل ميثاكريلات) (بيما).

14- Natural Radioactivity and the Resulting Radiation Doses in Some Kinds of Commercially Marble collected from different quarries and factories in Egypt.

[1]S.Fares* , [1]Ali. A. M. Yassene, [1]A. Ashour, [2]M. K. Abu-Assy, [1]M. Abd El-Rahman
[1]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.
[2]Department of Physics-Faculty of Science, Suez Canal University.

Natural Science , Vol.3, No.10, 895-905 (2011).
http://dx.doi.org/10.4236/ns.2011.310115
DOI: 10.4236/ns.2011.310115
https://www.scirp.org/journal/PaperInforCitation.aspx?PaperID=8096

النشاط الإشعاعي الطبيعي والجرعات الإشعاعية الناتجة في بعض أنواع الرخام التجاري المُجمَّع من محاجر والمصانع في مصر.

***15* -Measuring Electrical and Optical Performance Of Si-Solar Cells under the Influence of Different Parameters and Radiation Types.**

***S. Fares* ,**
[1]Department of Physics, Faculty of Science, **Al Baha University, Al Bahah, KSA; ***
[2]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt

Confidential: not for distribution. Submitted to IOP Publishing for peer review 9 May 2013.

https://www.researchgate.net/publication/285865296_Electrical_Characteristic_Measurement_of_the_Fabricated_CdSe_P-Si_Heterojunction_Solar_Cell_Under_Radiation_Effect#fullTextFileContent

DOI: 10.5923/j.materials.20120203.07

قياس الأداء الكهربائي والبصري لخلايا Si-Solar تحت تأثير العوامل المختلفة وأنواع الإشعاع.

***16*- Measurement of the radiative branching ratio for the Hoyle state using cascade gamma decays**

B. Alshahrani1;2;a, T. Kibédi1, A.E. Stuchbery1, E. Williams1, and **S. Fares3;4**

[1]Department of Nuclear Physics, RSPE, The Australian National University, ACT 0200, Australia

[2]Department of Physics, King Khaled University, Abha, Kingdom of Saudi Arabia

[3]Department of Physics, **Al-Baha University, Al-Baha, Kingdom of Saudi Arabia**

[4]Department of Radiation Physics,National Center for Radiation Research and Technology (NCRRT), Nasr City, Cairo, Egypt.

EPJ Web of Conferences, 63, 01022 (2013). Owned by the authors, published by EDP Sciences, 2013.

DOI: https://doi.org/10.1051/epjconf/20136301022 , eISSN: 2100-014X.

https://www.epj-conferences.org/articles/epjconf/abs/2013/24/epjconf_hias2013_01022/epjconf_hias2013_01022.html?mb=0

قياس نسبة التفرع الإشعاعي لحالة هويل باستخدام اضمحلال جاما المتتالية

***17*-Natural radioactivity levels and radiation hazards for gypsum materials used in Egypt**.

Ahmed Hassan Korna[1] , **Soad Saad Fares1;[2]**, Magda Abd El-Rahman[2].

[1]Department of Physics, Faculty of Science, **Al Baha University, Al Bahah, KSA; ***

[2]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo,Egypt.

Journal of Environmental Science and Technology, 7(1):56-66, 2014.

ISSN 1994-7887/DOI:10.3923/jest.2014.56.66

http://docsdrive.com/pdfs/ansinet/jest/2014/56-66.pdf

DOI: 10.3923/jest.2014.56.66

DOI: 10.4236/ns.2014.61002

مستويات النشاط الإشعاعي الطبيعي ومخاطر الإشعاع للمواد الجبسية المستخدمة في مصر.

***18*-Thermal mechanical and morphology characterization for epoxy/grafted marble and granite powder composites.**

Ali A.M.Yassene[1], S.Fares[2]*, A.Ashour[2],M.El-Ashry[3], M.K.Abo Assy[3], M.Abd El-Rahman[2].

[1]Department of Radiation chemistry, National Center of Radiation Research and Technology NCRRT,Atomic Energy Authority, Cairo, (EGYPT).

[2]Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo, (EGYPT)

[3]Department of Physics-Faculty of Science, Suez Canal University.

Volume 11 Issue 8 , MSAIJ, 11(8), 2014 [282-290],

ISSN: 0974 – 7486 .

https://www.tsijournals.com/articles/thermal-mechanical-and-morphology-characterization-for-epoxygrafted-marble-and-granite-powder-composites.pdf

التوصيف الميكانيكي الحراري والمورفولوجي لمركبات الإيبوكسي / الرخام المطعمة ومسحوق الجرانيت.

***19* - Assessment of human exposures to natural sources of radiation and radon-222 from soil around the production factories of cement in Egypt.**

S.Fares[1,2], A.K.Hassan[1]*,
1 Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo, Egypt.
2 Department of Physics, Faculty of Science, **Baha University, Saudi Arabia**

Environmental Science, Volume 10 Issue 12 ESAIJ, 10(12), 2015 [441-450].
ISSN: 0974 – 7451 .
https://www.tsijournals.com/abstract/assessment-of-human-exposures-to-natural-sources-of-radiation-and-radon222-from-soil-around-the-production-factories-of--3253.html

تقييم التعرض البشري للمصادر الطبيعية للإشعاع والرادون 222 من التربة حول مصانع إنتاج الأسمنت في مصر.

20 - Natural Radioactivity Emitted from Granite and Marble Samples Collected from Sinai Area Egypt and Excess Lifetime Cancer Risk

[1,2]S.Fares
[1] Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo, Egypt.
[2] Department of Physics, Faculty of Science, **Baha University, Saudi Arabia**

International Journal of Scientific & Engineering Research,(IJSER) Volume 7, Issue 12, December-2016.
ISSN 2229-5518.
https://www.ijser.org/onlineResearchPaperViewer.aspx?Natural-Radioactivity-Emitted-from-Granite-and-Marble-Samples-Collected-from-Sinai-Area-Egypt-and-Excess-Lifetime-Cancer-Risk.pdf

النشاط الإشعاعي الطبيعي المنبعث من عينات من الجرانيت والرخام تم جمعها من منطقة سيناء مصر ومخاطر الإصابة بسرطان مدى الحياة الزائدة

21 - Natural Radioactivity and its Environmental Implications in Soil Samples Collected around Abou-Zabal Phosphate Fertilizer Factory Area in Egypt.

[1,2]S.Fares, W.M.Moslem[3], A.K.Hassan[2], A.A.Eltawil[4], F.Abdelhamied[3]
[1] Department of Radiation Physics, National Center for Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo, Egypt.
[2] Department of Physics, Faculty of Science, **Baha University, Saudi Arabia**
[3] Department of Physics, Faculty of Science, Port Said University, Egypt
[4] Armed forces Main chemical laboratory Egypt.

International Journal of New Technology and Research (IJNTR), Volume-2, Issue-4, April 2016 Pages 115-122.
ISSN:2454-4116

https://www.researchgate.net/publication/303327861_Natural_Radioactivity_and_Its_Environmental_Implications_in_Soil_Samples_Collected_Around_Abou-Zabal_Phosphate_Fertilizer_Factory_Area_in_Egypt

النشاط الإشعاعي الطبيعي وتداعياته البيئية في عينات التربة التي تم جمعها حول منطقة مصنع أبوزعبل للأسمدة الفوسفاتية في مصر

22 - Investigation of Elemental Radioactivity Concentrations and Radon Gas in Soil Samples Collected Around Abou-Zabal Fertilizer Phosphate Factory.

[1,2]S.Fares, W.M.Moslem[3], A.K.Hassan[2], A.A.Eltawil[4], F.Abdelhamied[3]

[1] Department of Radiation Physics, National Center for Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo, Egypt.

[2] Department of Physics , Faculty of Science, **Baha University, Saudi Arabia**

[3] Department of Physics , Faculty of Science, Port Said University, Egypt

[4] Armed forces Main chemical laboratory Egypt.

International Journal of New Technology and Research (IJNTR), Volume- 2, Issue-5, May 2016 Pages 16-25.

ISSN:2454-4116

https://www.researchgate.net/publication/303919781_Investigation_of_Elemental_Radioactive_Concentrations_and_Radon_Gas_in_Soil_Samples_Collected_Around_Abou_Zabal_Fertilizer_Phosphate_factory

دراسة تراكيز النشاط الإشعاعي الأولي وغاز الرادون في عينات التربة التي يتم جمعها حول مصنع أبو زعبل لأسمدة الفوسفات.

***23 –* Evaluation of environmental radioactivity impacts and its associated radiological hazards with monitoring of radon-222 in rock and sand samples collected from some mountains and valleys in Sinai area, Egypt.**

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Int. J. Low Radiation, Vol.11, No. 1, 2017.

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تقييم تأثيرات النشاط الإشعاعي البيئي والمخاطر الإشعاعية المرتبطة به من خلال رصد الرادون 222 في عينات الصخور والرمال التي تم جمعها من بعض الجبال والوديان في منطقة سيناء ، مصر.

24- Measurements of Natural Radioactivity Level in Black Sand Sediment Samples of the Temsah Lack Beach in Suez Canal Region in Egypt.

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قياسات مستوى النشاط الإشعاعي الطبيعي في عينات رواسب الرمل الأسود لشاطئ بحيرة التمساح بمنطقة قناة السويس في مصر

25- Environmental impact assessment due to natural radioactivity in the mountain rocks of the Red Sea coast,Egypt.

[1,2]S.Fares, [2]A.K.Hassan, [3]H.I.Elsaeedy, [3]B.Alshahrani, [3]H.Yakout,

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تقييم الأثر البيئي بسبب النشاط الإشعاعي الطبيعي في الصخور الجبلية لساحل البحر الأحمر ، مصر

26 – Ultrasonic Velocity and Attenuation in Epoxy Resin/Granite (Marble) Powder Composite,

Ali A[1] . M. Yassene[2], S. Fares[3,4*], A. Ashour[3] & M. Abd El-Rahman[3],

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السرعة بالموجات فوق الصوتية والتوهين في مركب مسحوق راتنجات الايبوكسي / الجرانيت (الرخام)

***27*- Natural radioactivity measurement of bricks used in the building materials of Egypt.**

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قياس النشاط الإشعاعي الطبيعي للطوب المستخدم في مواد البناء في مصر.

***28*- "The effect of Ce3+ doping on structural, optical, ferromagnetic resonance, and magnetic properties of ZnFe2O4 nanoparticles".**

Author(s): Badriah Alshahrani; Halema I. ElSaeedy; S. Fares; A.H. Korna; H. A. Yakout; Muhammad Abdel Maksoud; Ramy Amer Fahim; Mohamed Gobara; A.H. Ashour.
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"تأثير المنشطات Ce3 + على الخصائص التركيبية والضوئية والرنين المغناطيسي والمغناطيسية للجسيمات النانوية "ZnFe2O4 .

29- Structural, optical and magnetic properties of nanostructured Ag substituted Co-Zn ferrites: insights on anticancer and antiproliferative activities".

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Author(s): Badriah Alshahrani; Halema I. ElSaeedy; S. Fares; A.H. Korna; H. A. Yakout; Muhammad Abdel Maksoud; Ramy Amer Fahim; Mohamed Gobara; A.H. Ashour.

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الكشف عن تأثير تشعيع جاما على الخصائص التركيبية والرنين المغناطيسي والضوئي والتشتت لأغشية PVC / M 0.5 Zn0.5 Fe2O4 متناهية الصغر.

32- Study the Electrical Properties of CdSe Films under Radiation Effects .

[1,2]S.Fares and [2]A.k.Hassan.

[1] Department of Radiation Physics, National Center of Radiation Research and Technology NCRRT, Atomic Energy Authority, Cairo, Egypt.

[2] Department of Physics, Faculty of Science, **Al Baha University, Saudi Arabia .*Ready to Publish*.**

دراسة الخصائص الكهربائية لأغشية CdSe تحت تأثير الإشعاع.