SUBJECT INDEX
(Volume 21 – 2017)

SUBJECT INDEX (Volume21– 2017)
Subject index of research papers published in the "University of Aden Journal of Natural & Applied Sciences", and their authors
Volume 21 (April- August- 2017)

AGRICULTURAL SCIENCES

No	Paper's title	Author/s	No	Page No	Lang. of Pub.
1	Effect of intercropping cowpea with maize on the growth and productivity of maize	Maged Saeed Bamuaafa , Ziad Othman S. and Basel Abdullah Al-Koor	**1**	**1 - 8**	**Ar**
2	Effect of Licorice Extract (Glycyrrhiza glabra L.) on germination and growth of seedlings of Onion (Allium cepa L. cv. Bafatiem)	Nora Mohammed Al-Saqaf Mohammed , Othman Saad Saeed Al-Hawshabi and Mohammed Abdullah Hussein	**1**	**9 - 16**	**Ar**
3	Effect of some cowpea intercropping systems with maize on Land efficiency	Maged Saeed S. Bamuaafa, Rakeba Mohamed A.Fadel and Basel Abdullah S. Al-Koor	**2**	**217 - 224**	**Ar**

FOOD SCIENCES

No	Paper's title	Author/s	No	Page No	Lang. of Pub
4	Producing date honey of some Yemeni date types by heating method	Abdulla Omer Ba-Khawar, Ali Abdulla Ba-Oam, Mukhtar Abood Munsser, Abdul-Mlik Abdo Al-Haj, and Zakariya Saleh Bin Haider	**1**	**77 - 82**	**Ar**
5	The loss of harvesting millet crop in Tihama plain, Al-Hudeida Govt. during the agricultural season 2008-2009	Abdulla Omer Ba-Khawar, Ali Abdulla Ba-Oam, Ahmed Omer Bukir and Mukhtar Abood Munsser	**1**	**97-102**	**Ar**

6	Effect of composite flour of wheat (Buhooth 13) and naked Barley flour on rheological properties and b-read-making characteristics	Abdulmageed Bagash Abdullah, Jalal. Ahmed Fadle and Abdulfattah Nagy Alhumaidy	**2**	**257 – 265**	**Ar**

BIOLOGY

No	Paper's title	Author/s	No	Page No	Lang. of Pub.
7	Antioxidant activity of melatonin in liver of male rabbits	Shikoo Ebtisam Yassin and Alsakaf Galal Mohammed	**1**	**117 – 123**	En
8	Location and shape of calcium oxalate crystals in stem, petiole and limb for *Cissus rotundifolia* (Forssk.) Vahl. Vitaceae.	Saeed Salem Mohamed	**1**	**19 – 26**	Ar
9	Male Infetility resulting from epidemic parotitis	Abdulla mohamed Lakal	**1**	**27 – 32**	**Ar**
10	The Allelopathic effect of *Senna italica* (Mill) upon the germination and seedling growth of three species of weeds	Ghassan Abdulwahid Obad and Mahroos Abedalla Bahwirth	**1**	**35 – 41**	**Ar**
11	High pigments and atroviolacea double mutant of tomato(Solanum lycopersicum)with high pigments content	Arif Saeed A.Alhammadi	**2**	**291 – 296**	**En**
12	Identification of tomato, pepper and eggplant affecting the pathogens in Lahj Governorate	Mohammed Ali Mohammed Al-Sunaidi	**2**	**225 – 238**	**Ar**
13	A effect of the seeds area collection and plantation media on the germination and growth of *Caessalpinia pulcherrima* L.	Ghassan Abdulwahid Abdulla Obad	**2**	**231 – 238**	**Ar**

CHEMISTRY

No	Paper's title	Author/s	No	Page No	Lang. of .Pub
14	Application of water quality index to assessment of groundwater quality	Shaif M. K. Saleh ،Sanaa H. Gh. Al-Alaiy and Badr. Abdul-Razzak	**1**	**127 – 136**	**En**

ENGINEERING

No	Paper's title	Author/s	No	Page No	Lang. of Pub.
15	Document classification in parallel environments using Java bindings in open MPI	Subhi Abdul-rahim Bahudaila and Waddah Ahmed Munasser	**2**	**299 – 309**	En
16	Writing and editing Arabic text in Adobe Animate cc	Yousef M. S. Almakhwr and Ahmed . A. S. Balhareth	**2**	**311 – 321**	En
17	Al-zabor construction one of the old Yemeni building styles: Analysis study	Ahmed Ibrahim Hanshoor	**2**	**241 - 253**	Ar

ENVIRONMENT

No	Paper's title	Author/s	No	Page No	Lang. of Pub.
18	A study on hydrographic properties in the coastal waters along Hadhramout coast of Yemen	Nabil Al Shwafi, Mohammed Al-Wosabi, Hisham Nagi and Nada Mol-Aldwil	**1**	**139 – 151**	En
19	Medicinal herbs used for the treatment of digestive system diseases at Coastal area of Hadramout- Yemen	Salem M. Binsalman, Mohammed Saeed Bin Gadeem , Mohammed A. Hussein and Ahmad Subeet Bamusa	**1**	**45 – 57**	Ar
20	Check list of the Poisonous Wild Plants of Al-Daleh Governorate	Ahmed Mohammed Moqubel	**1**	**53 – 60**	Ar
21	Wild plants that popular use for medical purposes in the District of Moudy - Abyan Governorate Yemen	Abdulhakeem Abdul Ghani, Zamelal Mohamed Masdous and Mohammed Abdullah Hussein	**1**	**63 – 73**	Ar

MATHEMATICS

No	Paper's title	Author/s	No	Page No	Lang. of Pub
22	An application of N-Fractional calculus to solve ordinary differential equation of fourth order	A. M. H. Al-Hashemi and A. A. Bassim	**1**	**155 - 164**	En
23	On certain $P2$ −Like and P^* −Generalized $\mathcal{B}K$ −Recurrent Finsler Space	Fahmi Yaseen Abdo and Saeedah Mohammed Baleedi	**1**	**165 – 171**	En
24	Double and triple generating functions of Laguerre polynomials of two variables	Mubarak Abood Al-Qufail , Ahmed Ali Atash and Salem Saleh Barahmah	**1**	**173 - 178**	En
25	q-analogue modified Laguerre and generalized modified Laguerre polynomials of one variable	Fadhle B.F.Mohsen, Mubarak A.H. Alqufail and Fadhl S.N. Alsarahi	**2**	**325 – 335**	En
26	Study of the relation in the recurrent Finsler space of different orders	Fahmi Yaseen Abdo Qasem , Gamal Abobakar Abdallah Bawazeir and Ali Ali Ali Muhib	**2**	**337 – 341**	En
27	Study of certain types of K^h-bire current Finsler spaces (II)	Fahmi Yaseen Abdo Qasem, Gamal Abobakar Abdallah Bawazeir and Meqdad Ahmed Abdullah Ali		**343 – 353**	
28	Geometrical invariant element's in theory 2F- mapping between Riemannian spaces A_n which have tensor $(F)^3 = 0$	Abdelnaser A. Haider	**2**	**267 - 277**	Ar

MEDICINE

No	Paper's title	Author/s	No	Page No	Lang. of Pub
29	Cesarean section rate in Al.Wahda teaching hospital, Aden, (January - June) 2011	Huda A. Basorra, Nahla S. Al.kaaky and Dalia S. Owlaqi	**1**	**181 – 189**	**En**
30	puerperal sepsis and related factors at Al-Sadaqa teaching hospital, Aden Oct, 2015 – Mar, 2017	Entisar M. Abdulla. Huda A. Basorra and Nahla S. Al.kaaky	**1**	**191 – 200**	**En**
31	The patterns and age distribution of breast cancer in South Yemen	Nafisa Awadh Mansoor	**2**	**357 – 362**	**En**
32	The patterns and clinical manifestations of lymphoma in adults in South Yemen	Nafisa Awadh Mansoor	**2**	**363 – 370**	**En**
33	Study of risk factors of abruption placenta in Al. wahda teaching hospital, Aden	Huda Abood Basorra	**2**	**371 – 378**	**En**
34	Uterine rupture: A five year review at Al-sadaqa teaching hospital, Aden	Huda A. Basorra, Nahla S. Al.kaaky, Entesar M. Abdulla and Fatima Sh. Aman	**2**	**379 – 387**	**En**
35	Age and sex differences among patients with metabolic Syndrome in Hadhramout, Republic of Yemen	Rasheed Mohammed Bamekhlah	**2**	**389 – 396**	**En**

OIL

No	Paper's title	Author/s	No	Page No	Lang. of Pub
36	Using correlation analysis and experimental mathematical models for estimating oil reserves in Syrian oil reservoirs	Abdulla Ali aldumbi, Hussain Ali Ahmad and Edemon Slalom	**2**	**281 - 289**	**Ar**

GEOLOGY

No	Paper's title	Author/s	No	Page No	Lang. of Pub
37	Spatial distribution of shallow earthqua epicenters in Ibb Governorate, Republic of Yemen	Ibrahim A. Al-Akhaly, A. A. Al-Aydrus and T. H. Al-Hibshi	**1**	**85 – 96**	**Ar**

PHYSICS

No	Paper's title	Author/s	No	Page No	Lang. of Pub
38	Non-isothermal crystallization kinetics of $Cd_{10}Se_{90}$ chalcogenide glass	M. A. Dabban	2	399 - 412	En
39	Moisture and Temperature effects on rocks materials and natural erosion energy	Zina Al -Shadidi	2	413 - 420	En
40	Mathematical analysis study of physical parameters and water quality index for groundwater quality monitoring in coastal Hadhramout –Yemen	Sami Gumaan Daraigan , Ahmed Mohamed Ahmed, Munir Farouq Bin Shamlan and Ahmed Sahel Wahdain	2	421 - 436	En