

Curriculum Vitae

PERSONAL INFORMATION

Name: Abdulaziz A. Mohammed Al Shenaifi Al Sahli.
Qualification: Assistant Professor.
Date of Birth: 15/10/1966
Place of Birth: Rawaydh
Nationality: Saudi Arabia
Marital Status: Married
Languages: Arabic, English.



PERMANENT ADDRESS

Home: King Saud University, Riyadh
Saudi Arabia.
Cell : +966555421659
E-mail : aalshenaifi@ksu.edu.sa
Web site : <http://fac.ksu.edu.sa/aalshenaifi/cv>

Work: Botany and Microbiology Department.
College of Science.
Office Tel : +9664675878
PO. Box : 2455
Riyadh : 11451
King Saud University, Saudi Arabia.
(Present address) Botany and Microbiology Department College of Science.

TITLE AND EDUCATION

- 2007 Ph.D. in Plant Anatomy and Physiology, Faculty of Science,
University of King Saud, Riyadh, Saudi Arabia.
1998 M.Sc. in Plant Physiology Faculty of Science, University of
King Saud, Riyadh, Saudi Arabia.
1993 BSc. Science and Education, Biology, Teachers College Saudi
Arabia, Riyadh, Saudi Arabia.

ACADEMIC APPOINTMENTS

- 2012- Now Assistant Professor, Botany and Microbiology Department, College of Science, King Saud
University, Riyadh, Saudi Arabia.
2009- 2012 Assistant Professor, Department of Science (Botany) Teachers College, King Saud
University, Riyadh, Saudi Arabia.
2000- 2009 Biology teacher (High school), 6th Level, then vice principal, and principal. Schools
of Public Education, Ministry of Education Riyadh, Saudi Arabia.
1994- 2000 Biology teacher (High school), 5th Level. Schools of Public Education, Ministry
of Education Riyadh, Saudi Arabia.
1991 - 1994 Pure sciences teacher, 4th Level. Schools of Public Education, Ministry
of Education Riyadh, Saudi Arabia.
1989 - 1991 Pure sciences teacher, 3rd Level. Schools of Public Education, Ministry
of Education Riyadh, Saudi Arabia.

COURSES TAUGHT

ACADEMIC YEAR	COURSES		NOTICES
	Code	Name	
1989-2009	---	specialize sciences	Public Education, Ministry of Education Riyadh, S.A.
2009-Now	101 Bot	Morphology& Plant Anatomy (T. Collage)	King Saud University, Riyadh, KSA.
	102 Bot	Morphology& Plant Anatomy (Practical) (T. Collage)	
	102 Bot	General Botany (Sc. Collage)	
	111 Bot	Plant Taxonomy	
	112 Bot	Plant Taxonomy (Practical)	
	211 Bot	Plant Taxonomy adv.	
	311 Bot	Cytology and Genetics	
	312 Bot	Plant Ecology	
	325 Bot	Plant Physiology	
	410 Bot	Microbiology	
	484 Bot	Applied Microbiology	
	485 Bot	Applied Microbiology (Practical)	
	672 Bot	Advanced Studies in plant growth regulators (PGR)	
	101 Bio	General Biology	
	426 Bio	Environment & pollution	
	251 Bio	Cell and genetics	
	452 Bio	Pollution and environment protect	
	351 Bio	Cell & General Genetics	
	399 Edu.	Practical application (in schools)	
	101 health	School health	
	405 Sci	Search and essay (in science)	
	499 Mic	Research program	
	562 biod	Environment and biodiversity	

SCIENTIFIC ACTIVITIES

Membership:

- Permanent member in Department of Botany & Microbiology council, College of Science, (2013) 11/1433 to now.
- Member in the **joint** program in Biodiversity, King Saud University (2013) to now.
- A permanent member in the Science Department council, Teachers College. From (2010) 03/07/1429 until (2013) 11/1433.
- Member in Saudi Biological Society. 1997 to now.
- Member in Saudi Society of Agriculture science. 2014 to now.
- Member of International Society of Photosynthesis Research. 26 Oct 2010.
- Member of Anti-Smoking Charitable Association 2014 to now.
- Founding member of the Forum for Environment and Development, Beirut, Lebanon. 2002- 2009.

Committees:

- Member of Committee of the Interviews for graduate students in the **joint** program of Biodiversity 2014 to now.
- Member of Committee on Graduate Affairs and Employment in Bot. and Mic. Dep. 2014 to now.
- Member of Community Service Committee in Bot. and Mic. Dep. 2014 to now.
- Chairman of the Committee on Quality Assurance and Accreditation academic, Science Department. Teachers College. Until (2013), 11/1433H.
- Chairman of the Committee to follow-up the teaching assistants and lecturers, Science Department, Teachers College. Until (2013), 11/1433H.
- Chairman of the Committee on Academic Guidance, Science Department, Teachers College. 2009 Until (2013), 11/1433H.

- Member of the Environment Rendezvous Committee, Science Dep. Teachers College. (2010-2013)11/1430 until 11/1433.
- Member of the Measurement Committee. in Teachers College.(2010-2013)1429 -1435 H
- Member in Student Activities Committee, Teachers College. Until (2013), 1433H.
- Member of the equations Committee, Science Department. Teachers College. Until (2013), 11/1433H.
- Member of the Selection Committee Candidates Teachers College to get Excellence in Teaching Award (2010) 1430/1431.
- Member of the laboratories Committee. Science Department. Teachers College. Until (2013), 11/1433H.
- Member of the purchases Committee. Science Department, Teachers College, 2012/1432H.
- Member of the American Board of Neuro Linguistic Programming (NLP). 2001-2007/1420-1427H.
- Member of the Canadian Institute of Neuro Linguistic Programming (NLP). 2001-2007/1420- 1427.
- Member of Committees workshops which aim to raise the level of professional performance of teachers. 2002.
- Member of committees the workshops for the general rules of public education. 2001/1420.

SUPERVISION & DISCUSSIONS OF THESIS

➤ *Supervision of Thesis:*

The student's name:	Hamed Mohammed S. Al-Qahtani.
University:	King Saud 2015-...
Title:	In Proposal now (not determined yet)
Scientific degree:	Ph.D. of Science / Botany.
Recipe supervision:	Assistant.
Status:	Continue.

The student's name:	Ali Mohammed Hadi Al-Sarhani.
University:	King Saud 2015- 201.
Title:	Bioassay of <i>Artemisia monosperma</i> and <i>Alhagi maurorum</i> extracts and their effects on some plants.
Scientific degree:	Master in biodiversity Program.
Recipe supervision:	Supervisor.
Status:	Continue.

The student's name:	Ayed Saad Al-Buqami.
University:	King Saud 2012- 2014.
Title:	The efficiency of symbiotic fungi rooted in improving the growth and productivity of Some pasture plants grown under the influence of drought.
Scientific degree:	Master in biodiversity Program.
Recipe supervision:	Assistant.
Status:	Finished.

➤ *Discussions of Thesis:*

Student Name:	Fahad Al Hamoud Al-Juhani.
University:	King Saud - biodiversity program.
Scientific degree:	Master of Science / biodiversity 2012/1432 H.

Student Name:	Ayed Saad Al-Buqami.
University:	King Saud - biodiversity program.
Scientific degree:	Master in biodiversity Program. 2014/1435 H.

Student Name:	Nasser Solaiman Al-Omairy
University:	King Saud - biodiversity program.
Scientific degree:	Master in biodiversity Program. 2015/1436 H.

Student Name:	Saad Mohammed Al Joraiian
University:	King Saud - Botany & Microbiology Department.
Scientific degree:	Master of Science / Botany 2016/1437 H.

Student Name:	Awias Ahmad
University:	King Saud - Department of Plant Production.
Scientific degree:	Master of Food and Agriculture Sciences/ Plant Production 2015- 2016.

Student Name:	Ali Abdullah Ali Al zandi
University:	King Saud - biodiversity program.
Scientific degree:	Master in biodiversity Program. 201 ^٦ /143 ^٧ H.

Conferences, Scientific meetings and Workshops:

➤ Conferences:

- Attendance the 9th Conference of the Saudi Society of Agricultural Sciences. "Modern agriculture and sustainable development industry.". KSU, Saudi Arabia, February 3-4, 2016
- The 2nd Saudi International Conference on Scientific Publishing 2015. King Saud University, Riyadh, KSA. October 11-13, 2015.
- Attendance and participation on 6th Annual Conference American Council for Medicinally Active Plants. Washington State University, Spokane, WA USA. June 9-12, 2015.
- International Conference on Biological, civil and Environmental Engineering (BCEE-2015). Bali, Indonesia, February 3-4, 2015.
- Attendance the 8th Conference of the Saudi Society of Agricultural Sciences. (Agricultural integration between the internal and external agricultural investment to achieve food security in the Kingdom). KSU, Saudi Arabia, October 29-30, 2014.
- Attendance and participation on the 2nd International Conference on food safety and security (AFSA2014). Dong Nai University of Technology, Dong Nai province, Bien Hoa City, Vietnam, August 15-18, 2014.
- Attendance BIT's 3rd Annual World Congress of Agriculture (WCA-2013) Hangzhou, china, September 23-25, 2013.
- Attendance International Conference on Agricultural Technologies in Arid Lands, King Abdulaziz City for Science & Technology (KACST). Riyadh, KSA. 19-21/3/2013,
- Attendance 5th International Conference on Water Resources and Arid Environment (ICWRAE 5). King Saud University, Riyadh, KSA 7-9 January 2013.
- Attendance Sixth National Conference on "the contributions of Prince Sultan in the field of environment and wildlife Sultan and the environment," Coinciding with World Environment Day. Saudi Biological Society. King Saud University, Riyadh, KSA. 5/6/2012.
- Attendance the International Exhibition and Conference on Higher Education. Riyadh, KSA. 19-22 April 2011.
- Attendance Water Desalination Conference in Arab Countries. Riyadh, KSA. 17-20 April 2011
- Attendance the Second International Conference of e-learning and distance education (Unique learning for next generation). Riyadh, KSA. 21-24 Feb. 2011.
- Attendance the 4th International Conference on Water Resources and Arid Environments. Riyadh, KSA. 6-8 December 2010.
- Attendance the 15th International Congress of Photosynthesis. (PS2010), China, Beijing. 22-27 Aug. 2010.
- Attendance the Second International Conference of Biological Sciences and the environment. Egypt. Luxor-Mansoura. 29 -4/4/1431H 15-20 March 2010
- Attendance the Fourth International Conference "The impact of climate change on natural resources. Egypt," Suez Canal University, 10-11 Nov. 2009
- Attendance the first national conference of security intellectual «Concepts and Challenges» King Saud University, Riyadh, KSA. 18-20/5/2009
- Attendance the International Conference on Nanotechnology Industries (technical leader in the twenty-century). Riyadh, KSA. 9-11/4/1430 , 5-7/4/2009
- Attendance the first International Conference of e-learning and distance education (education industry for the future) Riyadh, KSA. 16-18/3/2009

- Attendance the First International Conference on Biotechnology (toward building a knowledge-based economy). Riyadh, KSA. 16-18/02/2009.

➤ **Scientific Meetings:**

- Attendance and participation on the 30th annual [meeting](#) of Saudi Biological Society: Economics of the Red Sea and their Development. University of Tabuk, Tabuk. April 7-9 2015. KSA.
- Attendance and participation on the 29th annual [meeting](#) of Saudi Biological Society: Environment and Development in the Gulf Region. University of Dammam, Dammam. February 25-27 2014. KSA.
- Attendance a scientific [meeting](#) "Organic agriculture: fertilizers and biological control of pests". King Abdulaziz City for Science & Technology (KACST), Riyadh. 3/12/2013. KSA.
- Attendance and participation on the 27th annual [meeting](#) of Saudi Biological Society: The Economics of Environmental and Natural Resources. Jazan University. Jazan. March 6-8 2012. KSA.
- Attendance the Second Annual [Forum](#) for innovative research programs for business sector. Riyadh. 6-7 February 2010. KSA.

➤ **Workshops:**

- Attendance a workshop "Ethics of Scientific Research" Faculty of Sciences in cooperation with the Deanship of Scientific Research. King Saud University, 27-3- 2016.
- Attendance a workshop "Breaking New Ground in Plant Biology". Distinguished Scientist Fellowship Program, Faculty of Science, King Saud University 13-3-2016.
- Attendance and participation on the workshop "Applications of Gas Chromatography-Mass Spectrometry (GC-MS)" 14-5-2014/17-7-1434 H. Community Service and Training Unit. Department of Botany and Microbiology, Faculty of Science, King Saud University. In cooperation with the National Plan for Science & Technology, Abdullatif Abul Jadayel Est. for trading.
- Attendance and participation on a workshop "Molecular Applications of Real Time PCR and Western Blotting". 29/10/2013. Community Service and Training Unit. Department of Botany and Microbiology, Faculty of Science, King Saud University.
- Attendance a workshop analysis four of the Strategic Plan for the Agency for Graduate Studies and Scientific Research 25/10/1431H. - 04/10/2010.
- Attendance a workshop protected agriculture the current situation and future vision towards food security and water Intercontinental Hotel Riyadh 21-23 /04/1431H. 6-08/04/2010.
- Attendance a workshop (the report of the decision), organized by the Agency for Development and Quality, Teachers College, King Saud University, 15/03/1431H (2010).
- Attendance a workshop (Course Description) organized by the Agency for Development and Quality Teachers College, King Saud University training center and community college 20/11/1430 H.
- Attendance a workshop (quality and applications in higher education) organized by the Deanship of Quality King Saud University, Riyadh 1 - 2/6/1430 H. 25-26/6/2009.
- Attendance a workshop (the development of academic departments and programs configured for Accreditation) organized by the Deanship of Quality King Saud University, Riyadh, 5 - 6/2/1430 H. 31 January -1 February, 2009
- Attendance a training workshop in databases. Teachers College, King Saud University, Riyadh, 28/05/1430 H. 23/05/2009.
- Attendance and participation on the activities of scientific research at Teachers College, King Saud University, Riyadh 17/10/1430 H. - 06/10/2009.
- Attendance and participation of the scientific skills development program in physics for science teachers in middle school. Trampled letter civil Riyadh 2008/1428 H.
- Attendance and participation of the workshop aimed to raise the level of professional performance of teachers. Office of Education in western Riyadh, 2002/1422 H.
- Attendance and participation a number of promotional meetings for managers and agents of general education schools education office in western Riyadh in the period between (2001- 2004), 1420-1424 H.
- Attendance and participation of a number of seminars, educational and promotional events for teachers of science. Office of Education in western Riyadh in the period between (1989- 2009), 1410-1428 H.

SCIENTIFIC EXPERIENCES:

- PI in research group funded by the deanship of scientific research-King Saud University, 2010-2011.

- Co-PI in research group funded by the deanship of scientific research-King Saud University, 2011-2012.
- Co-PI in research group funded by the deanship of scientific research-King Saud University, 2013-2014.
- Member in research team of physio-anatomy in Botany and Microbiology department, Faculty of science, King Saud University. 2013.
- Member in research team of plant anatomy in Botany and Microbiology department, Faculty of science, King Saud University. 2013.
- Available as reviewer in Journal of the Saudi Society of Agriculture science.
- Conducting experiments, operating and working on some of the scientific instruments such as:
 - Rotary microtome.
 - Ultra- Microtome.
 - Simple Microscope.
 - Spectrophotometer.
 - Electrophoresis.
 - Soxhlet.
 - Flame photometry.
 - Plamimetres.
 - Freezing Microtome.
 - Digital-photomicroscope.
 - Fluorescence and Photometric microscope.
 - Gas-Liquid Chromatography.
 - Kjeldahl apparatus.
 - Atomic absorption spectrophotometer.
 - PH-meter.
 - Centrifuge instrument.
- Monitoring, recording, analysis of data and display the results.
- Writing research papers, reports, commentaries, reviews and summaries.
- Preparing research projects and funding requests, supervise research projects such as theses, including technicians and research assistants.
- Teaching.

SCIENTIFIC VISITS PUPIL LECTURES AND COMMUNITY SERVICE:

- Visit Kansas State University, Manhattan, KS USA. July, 2015.
- Visit Gonzaga University, Spokane, WA USA. June, 2015.
- Visit Washington State University, Spokane, WA USA. June, 2015.
- Visit to Dong Nai University of Technology, Dong Nai province, Bien Hoa City, Vietnam, August, 2014.
- Visit Suez Canal University - Egypt - to attend the Fourth International Conference on "The impact of climate change on natural resources", 2009/1429 H.
- Visit Cairo University- Egypt - equivalent to a master's degree in 2002/1422 H.
- Visit Mansoura University-Egypt-to attend the discussions some doctoral dissertations 2002/1422 & 2009/1429H.
- A visit to the United Kingdom to study English in 2000/1420 H.
- Scientific trips to study the definition and classification of some of the natural vegetation in the east , north, south and west of Saudi Arabia 1998/1418 H.

SHORT TRAINING COURSES:

➤ Skill development Programs (Deanship of Skills Development, King Saud University):

- Learning strategy brainstorming using 2011/1431H.
- Effective use of smart classrooms to faculty 2011/1431 H.
- Digital image processing (using Photoshop) 2012/1432 H.
- Presentations using PowerPoint 2012/1432 H.
- Identify the learning management system - Black Board 2012/1432 H.
- Learning management system (Bb) 2012/1432 H.
- Training program for trainers expert at the basics v.10 Intel 2012/1432 H.
- Design and build the course 2012/1432 H.
- Skills for Effective Teaching 2012/1432 H.
- Assessment the learning outcomes of students 2012/1432 H.
- Micro teaching 2012/1432 H.
- Complete program of the new faculty members (36 training hours) from the Deanship of Skills Development, King Saud University, 2011/1431-2012/1432 H
- Certificate of "Staff and Education Development Association (SEDA) 2012/1432 H " to complete program the

new faculty members.

- Scientific Publishing in International Periodicals. 2015.
- Leading skills of academic departments .2015.
- Research Projects and Grants Proposals Writing 2015.
- Preparation Scientific Performance Record 2015.
- The scientific Research. Include in (2015 King Saud University Academic Science Summer Seminar).

➤ ***Computer:***

- (Windows) 1997/1417 H.
- (Word) 1997/1417 H.
- Maintenance of Computer 2000/1420 H.
- Design and presentation of lessons PowerPoint 2005/1425 H.
- Information security, "Salem" 2013/1433 H .

➤ ***English Language:***

- A course of three programs in the English language 1995/1415-1996/1416 H.
- A course in English 2000/1420 H.
- English (UK) 2001/1421 H
- Pass the TOEFL test 2003/1423H.

➤ ***Teaching Methods:***

- General Teaching Methods 1999/1419H.
- Teaching aids 2001/1421H.
- Effective Teaching, 2003/1423H.
- The education excellence for initial Classes 2003/1423H.
- Dealing with students of intermediate and secondary schools, 2003/1423H.

➤ ***Special Care Groups:***

- Caring for special groups 1994/1414 H.
- Care of talented (specialist care talented) 2002/1422 H.
- Detect and talented ways of dealing with them, 2003/1423 H.
- Methods in Teaching Gifted, 2003/1423 H.

➤ ***Measurement and Evaluation:***

- Tests realizable 2001/1421H.
- Measurement and Evaluation (planning of test content) 2004/1424 H.
- Measurement and Evaluation (the statistical analysis of the test), 2004/1424 H.

➤ ***Education Management:***

- The effective Educational Administration 2001/1421 H.
- Refresher Course for managers and agents schools 2001/1421 H.

➤ ***Self-development:***

- Training of Trainers, 2006/1426 H.
- Art of time management 2003/1423H.
- Modifying behaviour 2003/1423H.
- Personal change Management 2003/1423H.
- Innovation and creative thinking 2003/1423H.
- Thinking skills 2003/1423 H.
- Influencing and persuasion skills 2003/1423H.
- Skills of Arabine (calligraphy), 2003/1423 H.

UNIVERSITY AND COMMUNITY SERVICE

- Public lectures on environmental education, importance of plants to humans, into some general education schools in Riyadh between 2009- 2011.
- Public lectures on pollution and its impact on humans and the environment and pollution in schools and its impact on student health. into some general education schools in Riyadh between 2011- 2015.
- Cooperated & participated on the activities of scientific research, Teachers College, King Saud University, October 6, 2009.
- Organized and arranged many visits and scientific workshops for general education students in the scientific exhibition, Teachers college from 2009 until 2012.
- Preparation and providing some training courses for Training and Community Service Center King Saud Univ. 2011. In following skills:
 - "Negotiation skill"
 - "Effective Communication Skills" .
 - "Problem solving & decision taking skills .
 - "Time management skill" .
 - "Interpersonal Relationship Skill".
 - "Intel Leadership".
- Providing lectures for Environmental awareness in Training unit 2012.
- Organizing and implementing environmental meetings 2010-2012 provided for general education students and society members.
- Cooperated & participated in organizing a workshop discussion renewing the study plan of the primary education for Bachelor Degree - Training and Community Service Center. Teachers' College previously. October 9, 2010.
- Participated in organizing events the "Research Day" Teachers' College December 5, 2010.
- Cooperated & participated in organizing a course on "ISI database for science and social science" Research Center at Teachers College and cooperation of the Deanship of Academic Research king saud univ., May 9, 2011.
- Participated in organizing a workshop entitled "the use of education management system (Blackboard)". Training and Community Service Center, King Saud Univ. October 1, 2011.
- Presented a lecture at the Academic Advising and its importance for university students. Science Department, Teachers' College, 2012.
- Cooperated and participated in "Anti-smoking Day ", organized by the Smoking Prevention Committee, in the Teacher's College, on March 9, 2012.
- Cooperated with the Department of Science, Teachers' College to organize and conduct a lecture about "McGraw-Hill publishing company" Training and Community Service Center April 7, 2012.
- Cooperated and participated on the workshop "Molecular Applications of Real Time PCR and Western Blotting". Community Service and Training Unit. Department of Botany and Microbiology, Science College, King Saud Univ. October 29, 2013.
- Cooperated and participated on the workshop "Applications of Gas Chromatography-Mass Spectrometry (GC-MS)" Community Service and Training Unit. Department of Botany and Microbiology, Faculty of Science, King Saud Univ. May 14, 2014.
- Participated in the preparatory meeting for the KSU Career Week 2014 (job opportunities per graduate), Faculty of Science. October 14, 2014.
- Cooperated with organization committee in a KSU Career Week 2014 (job opportunities per graduate), King Saud University. October 19-23, 2014.
- Cooperation with the Permanent Committee for prevention of chemical and biological pollution (biology) in botany department for coordination with some government and Private institutions. February, 2014-٢٠١٥.

CERTIFICATES OF THANKS AND APPRECIATION:

- A certificate of thanks and appreciation from the teachers college to actively participate in many activities and committees 2010/1430-2014/1434 H.
- A certificate of thanks and appreciation from the Department of Science - teachers College to actively participate in many events activities and committees 2010/1430-2014/1434 H.

- Certificate of thanks & appreciation from the Dean of the Teachers College (student activity management) for the participation and support of student activities 2012/1432-2013/1433H.
- A certificate of Appreciation from the Department of Science - Teachers College for outstanding contribution in the cultural activities 2012/1432-2013/1433H.
- A certificate of Appreciation to participate in student activities and community service of the department and the College - Teachers College 2012/1432 H.
- A certificate of Appreciation to participate in the work of the General Census of Population and Housing , Department of Statistics, 2004/1424 H.
- Certificate of appreciation for participation in the work of General Census of Population and Housing, Department of Statistics 1993/1413H.
- Certificate of thanks and appreciation to attend and participate in the meeting qualifying for talent agents schools. AL Mawahib schools, Riyadh 200/1420 H.
- Certificate of thanks and appreciation to attend the session agent's schools. AL Magd schools, Riyadh 1420 H.
- Certificate of Merit for participation in committee work for Orson regulatory rules for public education center overseeing education in western Riyadh 2000/1420 H.
- Certificate of thanks and appreciation for the donation of a copy of the master's thesis research department of educational management education development education Riyadh 2001/1421 H.
- Certificate of thanks and appreciation for the participation of actors in the exchange of visits by agents Intermediate schools. Albzar Intermediate school- Riyadh 2002/1422 H.
- Certificate of thanks and appreciation for the outstanding role and active participation in the sessions of the Centre Ramadan's first teachers. Hisham bin Hakim primary school-Riyadh 2003/1423 H.

LIST OF PUBLICATIONS:

- Al Sahil, Abdulaziz A.** (2016). Effect of gibberellic acid (GA₃) and salicylic acid (SA) pre-soaking on seed germination attributes of cucumber (*cucumis sativus* L.) Under induced salt stress. *Cercetări Agronomice în Moldova* Vol. XLVIX, No. 1 (165): 99-109
- Aref **I. M.**, P. R. Khan, A. A. **Al Sahli**, A. Husen, **M. K. A. Ansari**, **Mahmooduzzafar**, and M. Iqbal (2016) Response of *Datura innoxia* Linn. to Gamma Rays and Its Impact on Plant Growth and Productivity. *Proceedings of the National Academy of Sciences, India Sect. B Biol. Sci.* (July–Sept 2016) 86(3):623–629
- Akhtar Mohd. S., M. K. Swamy, A. Umar, and **A. A. Al Sahli** (2015) Biosynthesis and Characterization of Silver Nanoparticles from Methanol Leaf Extract of *Cassia didymobotrya* and Assessment of Their Antioxidant and Antibacterial Activities. *J. Nanosci. Nanotechnol.* Vol. 15, No. 12, pp. 9818-9823.
- Ibrahim M. M., **A. A. Al Sahli**, I. A. Alaraidh, A. A. Al-Homaidan, E.M. Mostafa, and G.A. EL-Gaaly (2015) Assessment of antioxidant activities in roots of Miswak (*Salvadora persica*) plants grown at two different locations in Saudi Arabia. *Saudi Journal of Biological Sciences.* 22, 168–175.
- Al Sahli A. A.**, A R Doaigey, A. F. El Sheikha, and M. El-Zaidy (2015) Anatomical adaptations of two Haloxylon species for drought tolerance. *Bothalia* 45: 2. 47-57.
- Mohammed A. H. Al-Muwayhi, **Abdulaziz A. M. Al Sahli** (2015).Ameliorating Effect of Ascorbic Acid on the Content of Minerals in *Eruca Sativa* Mill. under Different Air Pollutants. *Journal of Food and Nutrition Sciences.* Special Issue: Food Processing and Food Quality. Vol. 3, No. 1-2, pp. 161-164. doi: 10.11648/j.jfns.s.2015030102.41.
- Siddiqui M. H., M. H. Al-Whaibi, M. Faisal, and **A. A. Al Sahli** (2014) Nano-silicon dioxide mitigates the adverse effects of salt stress on *cucurbita pepo* L. *Environmental Toxicology and Chemistry*, Vol. 33, No. 11, pp. 2429–2437.
- Alqarawi A. A., Abd Allah E. F., Hashem Abeer and **Al Sahli A. A.** (2014). Impact of abiotic salt stress on some metabolic activities of *Ephedra alata* Decne. *Journal of Food, Agriculture & Environment* Vol.12 (2): 620-625.
- El-Zaidy M.; M. Zayed; S. Alharbi, A. Doaigey; **A. A. Al Sahli** and R. Ammar (2014). Micropropagation of Seven *Stevia Rebaudiana* Bert. Genotypes via Adult Leaf Explants. *Journal of Pure and Applied Microbiology* Vol. 8(2), p. 1289-1298.
- Al-Muwayhi M. A.; **A. A. Al Sahli**; A. R. Doaigey; M. O. Basalah; H M. Ali; M. El-Zaidy and A. M. Sakran (2014). Role of Ascorbic Acid in Alleviating Air Pollutants in Eggplant Seedlings. *Journal of Pure and Applied Microbiology.* Vol. 8(1), p. 783-792.

- Al-Muwayhi M. A.; **A. A. Al Sahli** (2013). The effect of gaseous air pollutants ozone (O₃), sulfur dioxide (SO₂), and nitrogen dioxide (NO₂) and ascorbic acid (ASA) on concentration of some mineral elements in *Vicia faba* L. in Riyadh. Saudi Journal of Biological Sciences **20** (5) 113-121. (in Arabic).
- Al Sahli A. A.**; S. Al-Sokari; M. El-Zaidy (2013). Effect of cadmium on DNA of squash plant using ISSR technique. Saudi Journal of Biological Sciences **20** (5) 67-76 (in Arabic).
- Ibrahim, M. M.; **A. A. Al Sahli** And A. A. Al-Ghamdi (2013). Cumulative Abiotic Stresses and their effect on the antioxidant defense system in two species of wheat, *triticum durum* desf and *triticum aestivum* L. *Arch. Biol. Sci.*, Belgrade, **65** (4), 1423-1433.
- Al Sahli A. A.**; M. A. Al-Muwayhi; A. R. Doaigey; M. O. Basalah; H M. Ali; M. El-Zaidy and A. M. Sakran (2013). Effect of Ozone and Ascorbic Acid on the Anatomical, Physiological and Biochemical Parameters of Pepper (*Capsicum frutescens* L.). Journal of Pure and Applied Microbiology. Vol. 7(spl. edn.), p. 159-168.
- Basalah, M. O.; H. M. Ali; M. H. Al-Wahaibi; M. H. Siddiqui; A. M. Sakran and **A. A. Al Sahli**. (2013). Nitric Oxide and Salicylic Acid Mitigate Cadmium Stress in Wheat Seedlings. Journal of Pure and Applied Microbiology. Vol. 7(Spl. Edn.), p. 139-148.
- Ali, H. M.; M. Z. M. Salem and **A. A. Al Sahli** (2013). Performance of Antioxidant Activity of Methanolic Extracts from Different Parts of Some Tree Species using DPPH Radical-scavenging Assay. Journal of Pure and Applied Microbiology. Vol. 7 (spl. edn.), p. 131-137.
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WORKS ACCEPTABLE OR UNDER REVIEW
