

الأبحاث المنشورة بجهود أعضاء هيئة التدريس في القسم أو طلاب الدراسات العليا أو البكالوريوس
(المدعومة والغير مدعومة)

#	العنوان	المؤلفون	العام	موقع النشر	المرجع الإلكتروني
أبحاث في المستوى الدلالي والمعاني					
1	Survey on Arabic Sentiment Analysis in Twitter	<i>Sarah Al-Humoud, Mawaheb Altuwaijri, Tarfa Albuhairi and Wejdan Alohaideb</i>	2015	International Journal of Computer and Information Engineering	https://www.researchgate.net/profile/Tarfa-Albuhairi-2/publication/280042139_Survey_on_Arabic_Sentiment_Analysis_in_Twitter/links/56814cad08aebcc4e0bcbb4/Survey-on-Arabic-Sentiment-Analysis-in-Twitter.pdf
2	Hybrid Sentiment Analyser for Arabic Tweets using R	<i>Sarah Al-Humoud, Tarfa Albuhairi and Wejdan Alohaideb</i>	2015	seventh International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KDIR)	https://ieeexplore.ieee.org/abstract/document/7526949
3	Arabic Sentiment Analysis using WEKA a Hybrid Learning Approach	<i>Sarah Al-Humoud, Mawaheb Altuwaijri and Tarfa Albuhairi</i>	2015	seventh International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KDIR)	https://ieeexplore.ieee.org/abstract/document/7526947
4	Arabic Spam Detection in Twitter	<i>Sarah Al-Humoud, Afnan Al-Moammar, Nora Al-Twairish and Mawaheb Altuwaijri</i>	2016	The second Workshop on Arabic Corpora and Processing Tools	http://www.lrec-conf.org/proceedings/lrec2016/workshops/LREC2016Workshop-OSACT2_Proceedings.pdf#page=43
5	Arabic Sentiment Analysis Resources: A Survey	<i>Areeb AlOwisheg, Sarah AlHumoud, Nora Al-Twairish and Tarfa Albuhairi</i>	2016	International Conference on Social Computing and Social Media	https://www.researchgate.net/publication/304345515_Arabic_Sentiment_Analysis_Resources_A_Survey
6	Unsupervised detection of morpheme boundaries	<i>Ahmed Khorsi and Abeer Alsheddi</i>	2016	fourth Saudi International Conference on Information Technology -Big Data Analysis (KACSTIT)	https://ieeexplore.ieee.org/abstract/document/7756076
7	A review on corpus annotation for Arabic sentiment analysis	<i>Sarah Al-Humoud, Latifah Almuqren, Arwa Alzammam, Shahad</i>	2017	International Conference on Social Computing and Social Media	https://link.springer.com/chapter/10.1007/978-3-319-58562-8_17

			Alotaibi and Alexandra Cristea		
https://www.researchgate.net/publication/317171973_AraSenTi-Lexicon_A_Different_Approach	International Conference on Social Computing and Social Media	2017	<i>Sarah Al-Humoud</i> , Hadeel AlNegheimish, Jowharah Alshobaili, Nora AlMansour, Rawan Bin Shiha and Nora AlTwaresh	AraSenTi-Lexicon: A Different Approach	8
https://www.researchgate.net/publication/317172225_Investigating_the_Relationship_Between_Trust_and_Sentiment_Agreement_in_Arab_Twitter_Users	International Conference on Social Computing and Social Media	2017	<i>Areeb AlOwisheg</i> , <i>Sarah AlHumoud</i> , Nora Alrajebah, Asma Alrumikhani, Ghadeer Al-Shamrani, Maha Shaabi, Muneera Al-Nufaisi and Ahad Alnasser	Investigating the Relationship Between Trust and Sentiment Agreement in Arab Twitter Users	9
https://www.researchgate.net/publication/318308714_Dependence-Based_Segmentation_Approach_for_Detecting_Morpheme_Boundaries	Advances in Science Technology and Engineering Systems Journal	2017	<i>Ahmed Khorsi and Abeer Alsheddi</i>	Dependence-Based Segmentation Approach for Detecting Morpheme Boundaries	10
https://aclanthology.org/L18-1632.pdf	Proceedings of the Eleventh International Conference on Language Resources and Evaluation	2018	<i>Amal Alsaif, Tasniem Alyahya, Madawi Alotaibi, Huda almuzaini, Abeer Alqahtani</i>	Annotating Attribution Relations in Arabic	11
https://www.researchgate.net/publication/323358734_A_Two-Level_Plagiarism_Detection_System_for_Arabic_Documents	Cybernetics and Information Technologies	2018	<i>Ahmed Khorsi</i> , El Moatez Billah Nagoudi, Hadda Cherroun and Didier Schwab	2L-APD: A two-level plagiarism detection system for Arabic documents	12
https://www.researchgate.net/publication/332115528_ATAM_Arabic_traffic_analysis_model_for_Twitter	International Journal of Advanced Computer Science and Applications (IJACSA)	2019	<i>Sarah Al-Humoud</i> , Amani AlFarasani and Tahani AlHarthi	ATAM: Arabic Traffic Analysis Model for Twitter	13
http://paper.ijcsns.org/07_book/201904/20190435.pdf	IJCSNS International Journal of Computer Science and Network Security	2019	<i>Al-Humoud Sarah</i> , Hakami Zainab, Alshathri Muneera, Alqhtani Nora and Alharthi Latifah	Arabic Sentiment Analysis Using Deep Learning: A Review	14
https://www.researchgate.net/publication/334353626_Arabic_Speech_Recognition_with_Deep_Learning_A_Review	International Conference on Human-Computer Interaction In book: Social Computing and Social Media. Design, Human Behavior and Analytics	2019	<i>Sarah Al-Humoud</i> , Wajdan Algihab, Noura Alawwad and Anfal Aldawish	Arabic Speech Recognition with Deep Learning: A Review	15

https://pesquisa.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/en/covid-who-914934	IJCSNS International Journal of Computer Science and Network Security.	2020	<i>Sarah Al-Humoud</i>	Arabic Sentiment Analysis using Deep Learning for COVID-19 Twitter Data	16
https://ieeexplore.ieee.org/abstract/document/9541361	IEEE ACCESS	2021	<i>Sarah Al-Humoud, Asma Ali Al Wazrah</i>	Sentiment Analysis Using Stacked Gated Recurrent Unit for Arabic Tweets	17
https://www.researchgate.net/publication/351008137_Arabic_sentiment_analysis_using_recurrent_neural_networks_a_review	Artificial Intelligence Review	2021	<i>Sarah Al-Humoud, Asma Ali Al Wazrah</i>	Arabic sentiment analysis using recurrent neural networks: a review	18
https://ieeexplore.ieee.org/abstract/document/9576756	IEEE Access	2021	<i>Areeb AlOwisheg, Sarah AlHumoud, Afnan Almoammar, Nora Al-Twairesh, Mawaheb Altuwaijri, Alhanouf Alsuwailem, Tarfa Albuhaire and Wejdan Alahaideb</i>	MARSA: Multi-domain Arabic resources for sentiment analysis	19
https://www.researchgate.net/publication/350519361_Arabic_Named_Entity_Recognition_A_BERT-BGRU_Approach	CMC-Computers, Materials & Continua	2021	<i>Maha arabiah, Norah Alsaaran</i>	Arabic Named Entity Recognition: A BERT-BGRU Approach	20
https://ieeexplore.ieee.org/abstract/document/9464352	IEEE Access	2021	<i>Maha arabiah, Norah Alsaaran</i>	Classical Arabic named entity recognition using variant deep neural network architectures and BERT	21
https://www.sciencedirect.com/science/article/abs/pii/S095070512100486X	Knowledge-Based Systems	2021	<i>Wojdan Binsaeedan and Salwa Alramlawi</i>	CS-BPSO: Hybrid feature selection based on chi-square and binary PSO algorithm for Arabic email authorship analysis	22
https://journal.uob.edu.lb/bitstream/handle/123456789/4470/1570720100.pdf?sequence=1&isAllowed=y	International Journal of Computing and Digital System.	2021	<i>Alrabiah, M., Berriche, L, and Alghamdi, N.</i>	Steganalysis of Markov Chain-Based Statistical Text Steganography	23
أبحاث في بناء المصادر اللغوية					
http://www.arabcomputersociety.org/issues/index99.htm	Communications of the ACS	2012	<i>Ahmed Khorsi</i>	المسافة الصرفية بين الكلمات العربية	24
http://iajit.org/PDF/vol.9_no.6/4047-10.pdf	International Arab Journal of Information Technology	2012	<i>Ahmed Khorsi</i>	Effective Unsupervised Arabic Word Stemming: Towards an Unsupervised Radicals Extraction.	25

https://www.cambridge.org/core/journals/natural-language-engineering/article/abs/on-morphological-relatedness/DFA56C47E86F9586A58DCA1CE9A59F88	Natural Language Engineering	2013	<i>Ahmed Khorsi</i>	On morphological relatedness	26
https://www.researchgate.net/publication/309654960_Unsupervised_Morphological_Relatedness	International Journal of Advanced Computer Science and Applications	2016	<i>Ahmed Khorsi and Abeer Alsheddi</i>	Unsupervised Morphological Relatedness	27
https://ieeexplore.ieee.org/abstract/document/7945743	IEEE/ACS International Conference of Computer Systems and Applications (AICCSA)	2016	<i>Ahmed Khorsi, El Moatez Billah Nagoudi and Hadda Cherroun</i>	Efficient inverted index with n-gram sampling for string matching in Arabic documents	28
https://www.researchgate.net/publication/319182166_Edit_distance_adapted_to_natural_language_words_Towards_an_Unsupervised_Computation_of_the_Morphological_Relatedness_Arabic_as_a_Case_Study	Thesis (Master)	2016	<i>Abeer Alsheddi</i>	Edit distance adapted to natural language words; Towards an Unsupervised Computation of the Morphological Relatedness: Arabic as a Case Study	29
https://aclanthology.org/W19-5610.pdf	Proceedings of the Third Workshop on Arabic Corpus Linguistics	2019	<i>Amal Alsaif and Maha Al-Harhi</i>	The Design of the SaulTC application for the English-Arabic Learner Translation Corpus	30
https://ieeexplore.ieee.org/abstract/document/9001802	IEEE International Symposium on Signal Processing and Information Technology (ISSPIT)	2019	<i>Amal Alsaif and Abeer Alqahtani</i>	Automatic evaluation for Arabic essays: a rule-based system	31
https://www.inderscienceonline.com/doi/abs/10.1504/IJISTA.2019.100793	International Journal of Intelligent Systems Technologies and Applications	2019	<i>Ahmed Khorsi and Abeer Alsheddi</i>	Unsupervised generation of Arabic words	32
https://www.researchgate.net/publication/341674362_Seam_carving-based_Arabic_handwritten_sub-word_segmentation	Cogent Engineering	2019	<i>Lamia Berriche and Abeer Al-Mutairy</i>	Seam carving-based Arabic handwritten sub-word segmentation.	33
https://aclanthology.org/2020.icon-main.24	Proceedings of the 17th International Conference on Natural Language Processing (ICON)	2020	<i>Amal Alsaif and Abeer Alqahtani</i>	Automated Arabic Essay Evaluation	34

أبحاث في التطبيقات

https://www.learntechlib.org/p/35103/	World Conference on Educational Multimedia, Hypermedia and Telecommunications	2010	<i>Abeer Alnafjan</i>	The Design and Development of Labib: An Arabic Sign Language Educational Tool	35
https://ieeexplore.ieee.org/abstract/document/7899133	International Conference on Informatics, Health & Technology (ICIHT)	2017	<i>Amal Alsaif, Njoud Albadrani, Ashwag Alamro and Reham Alsaif</i>	Towards intelligent Arabic text-to-speech application for disabled people	36
https://ieeexplore.ieee.org/abstract/document/8079772	International Conference on Computer and Applications (ICCA)	2017	<i>Abeer Alnafjan, Afnan Aljumaah, Hissa Alaskar and Reem Alshraih</i>	Designing "Najeeb": Technology-enhanced learning for children with impaired hearing using Arabic sign-language ArSL Applications	37
https://pdfs.semanticscholar.org/2150/6e1399980b0b5e5233938129020bb75c7a59.pdf	International Journal of Advanced Computer Science and Applications	2018	<i>Sarah Al-Humoud, Asma AlWazrah and Wafa Aldamegh</i>	Arabic Chatbots: A Survey	38
https://ieeexplore.ieee.org/abstract/document/8441938	International Conference on Computer Applications & Information Security (ICCAIS)	2018	<i>Ahmed Khorsi and Abeer Alsheddi</i>	Unsupervised Affix Identification Approach using Probabilistic Dependence	39
https://link.springer.com/chapter/10.1007/978-3-030-29513-4_63	In IntelliSys. Advances in Intelligent Systems and Computing	2019	<i>Maha arabiah, Hissah AlMuneef, Sadeem AlMarri, Ebtisam AlShammari, Faten Alsunaid</i>	A Robotic Hand for Arabic Sign Language Teaching and Translation	40
https://ieeexplore.ieee.org/abstract/document/9257692	International Conference on Computer and Information Sciences (ICIS)	2020	<i>Siwar Rekik, Lamyalaqeel, Roaa Kordi and Sara Al-Rashoud</i>	Visually Impaired Assistance with Arabic Speech Recognition on GPS	41
https://ieeexplore.ieee.org/abstract/document/9096810	International Conference on Computer Applications & Information Security (ICCAIS)	2020	<i>Ahmed Khorsi, Aminah Alqahtani, Manal Alnefaie and Noura Alamri</i>	Enhancing the Capabilities of Solr Information Retrieval System: Arabic Language	42
https://link.springer.com/chapter/10.1007/978-3-030-60149-2_13	International Conference on Human-Computer Interaction	2020	<i>Abeer Alnafjan, Layan Al-Abdullatef, Mayar Al-Ghamdi, Nada Al-Khalaf and Wejdan Al-Zahrani</i>	Designing SignSpeak, an Arabic Sign Language Recognition System	43
https://link.springer.com/chapter/10.1007/978-3-030-68017-6_106	International Conference on Intelligent Human Systems Integration	2021	<i>Abeer Alnafjan, Layan Al-Abdullatef, Mayar Al-Ghamdi, Nada Al-Khalaf and Wejdan Al-Zahrani</i>	Co-design of Gesture-Based Arabic Sign Language (ArSL) Recognition	44

الأبحاث المنشورة خلال فترة الابتعاث لمنسوبي قسم علوم الحاسب

أبحاث في التطبيقات الإسلامية والعربية

https://www.researchgate.net/publication/262198736_Mapping_Middle_Eastern_and_North_African_diasporas_Arabic_corpus_linguistics_research_at_the_University_of_Leeds	Conference: Proceedings of BRISMES Conference	2008	<i>Amal Alsaif</i> , E Atwell, N Abbas, B Abu-Shawar, L Al-Sulaiti, A Roberts and M Sawalha	Mapping Middle Eastern and North African diasporas: Arabic corpus linguistics research at the University of Leeds	45
https://eprints.whiterose.ac.uk/81629/	In: Proceedings of the workshop of Increasing Arabic Contents on the Web, organized by Arab League Educational, Cultural and Scientific Organization (ALECSO). Workshop of Increasing Arabic Contents on the Web.	2010	<i>Amal Alsaif</i> , A Sharaf, ES Atwell, Kais Dukes, Majdi Sawalha, Serge Sharoff, Katja Markert, Latifa Al-Sulaiti, B Abu Shawar, Nora Abbas and Andy Roberts	المشاريع الحاسوبية على اللغة العربية والقرآن بجامعة ليدز Arabic and Quranic computational linguistics projects at the University of Leeds	46
https://ieeexplore.ieee.org/abstract/document/7277300	Taibah University International Conference on Advances in Information Technology for the Holy Quran and Its Sciences	2013	<i>Maha arabiah</i> , AbdulMalik Al-Salman and Eric Atwell	KSUCCA the Corner Stone for Studying the Meanings of the Holy Quran Words in the Light of Distributional Semantic Models	47
https://www.researchgate.net/publication/268924942_KSUCCA_a_cornerstone_to_study_the_semantics_of_the_Quranic_words_in_the_light_of_distributional_lexical_semantics	Conference: NOORIC	2013	<i>Maha arabiah</i> , AbdulMalik Al-Salman and Eric Atwell	KSUCCA a cornerstone to study the semantics of the Quranic words in the light of distributional lexical semantics.	48
https://eprints.whiterose.ac.uk/81839/	International Journal of Computational Linguistics (IJCL),	2014	<i>Maha arabiah</i> , Nawal Alhelewh, AbdulMalik Al-Salman and Eric Atwell	An Empirical Study on The Holy Quran Based On A Large Classical Arabic Corpus	49
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https://www.researchgate.net/publication/220059094_An_Arabic_Semantic_Parser_and_Meaning_Analyzer	Egyptian Computer Science Journal	2007	<i>Maha arabiah</i> , AbdulMalik Al-Salman and Yousef Al-Ohali	An Arabic semantic parser and meaning analyzer.	50
https://aclanthology.org/L10-1332/	Proceedings of the seventh international conference on language resources and evaluation	2010	<i>Amal Alsaif</i> and Katja Markert	The Leeds Arabic discourse treebank: Annotating discourse connectives for Arabic	51
https://ieeexplore.ieee.org/abstract/document/5666184	Universal Communication Symposium (IUCS)	2010	<i>Maha arabiah</i> and AbdulMalik Al-Salman	An XML-based semantic parser for traditional Arabic	52

https://aclanthology.org/D11-1068.pdf	Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing, EMNLP	2011	<i>Amal Alsaif</i> and Katja Markert	Modelling discourse relations for Arabic	53
https://www.researchgate.net/publication/262277240_Online_handwriting_recognition_for_the_Arabic_letter_set	Proceedings of the 5th WSEAS international conference on Communications and information technology	2011	<i>Mai Al-Ammar, Reham Al-Majed</i> and Hatim Aboalsamh	Online handwriting recognition for the Arabic letter set	54
https://etheses.whiterose.ac.uk/3129/	Thesis (Doctoral)	2012	<i>Amal Alsaif</i>	Human and automatic annotation of discourse relations for Arabic	55
https://ieeexplore.ieee.org/abstract/document/6299280	Software Engineering, Artificial Intelligence, Networking and Parallel & Distributed Computing (SNPD)	2012	<i>Wojdan Binsaeedan</i> and Mohamed El Bachir Menai	Genetic Algorithm for Arabic Word Sense Disambiguation	56
https://www.researchgate.net/publication/268818262_A_New_Distributional_Semantic_Model_for_Classical_Arabic	International Conference on Islamic Applications in Computer Science and Technology (IMAN)	2014	<i>Maha arabiah,</i> AbdulMalik Al-Salman and Eric Atwell	A New Distributional Semantic Model for Classical Arabic	57
https://ieeexplore.ieee.org/abstract/document/6973512	International Conference on Asian Language Processing (IALP)	2014	<i>Maha arabiah,</i> AbdulMalik Al-Salman and Eric Atwell	The Refined MI A Significant Improvement to Mutual Information	58
https://ieeexplore.ieee.org/document/7381856	Tenth International Conference on Digital Information Management (ICDIM)	2015	<i>Mai Al-Ammar,</i> Hend AlRouqi, A. Alarifi, Ahmad Alnafessah, Suheer Alhadhrami, Hend Suliman Al-Khalifa and A. Al-Salman	Evaluating Arabic Text-to-Speech synthesizers for mobile phones	59
https://aclanthology.org/W16-4826.pdf	Conference: VarDial	2016	<i>Abdulrahman Alosaimy,</i> Areej Alshutayri , Eric Atwell , James Dickins, Michael Ingleby and Janet Watson	Arabic Language WEKA-Based Dialect Classifier for Arabic Automatic Speech Recognition Transcripts	60
https://eprints.whiterose.ac.uk/125568/	International Journal of Computational Linguistics	2018	<i>Abdulrahman Alosaimy</i> and Eric Atwell	Joint Alignment of Segmentation and Labelling for Arabic Morphosyntactic Taggers	61
https://www.researchgate.net/publication/342929875_Impact_of_Stemming_and_Word_Embedding_on_Deep_Learning-Based_Arabic_Text_Categorization	IEEE Access	2020	<i>Huda Al-muzaini</i> and Aqil Azmi	Impact of Stemming and Word Embedding on Deep Learning-Based Arabic Text Categorization	62

أبحاث في بناء المصادر اللغوية

https://ieeexplore.ieee.org/abstract/document/5313732	International Conference on Natural Language Processing and Knowledge Engineering	2009	<i>Suha Al-Thanyyan</i> and Aqil Azmi	Ikhtasir—A user selected compression ratio Arabic text summarization system	63
https://www.academia.edu/6478391/An_Arabic_Sign_Language_Corpus_for_Instructional_Language_in_School	Fourth Workshop on the Representation and Processing of Sign Languages: Corpora and Sign Language Technologies	2010	<i>Abdulaziz Almohimeed</i> , M Wald and R Damper	An Arabic Sign Language Corpus for Instructional Language in School	64
https://www.researchgate.net/publication/257267498_A_text_summarizer_for_Arabic	Computer Speech & Language	2012	<i>Suha Al-Thanyyan</i> and Aqil Azmi	A text summarizer for Arabic	65
https://www.researchgate.net/publication/268520030_The_design_and_construction_of_the_50_million_words_KSUCCA_King_Saud_University_Corpus_of_Classical_Arabic	The WACL'2 Second Workshop on Arabic Corpus Linguistics	2013	<i>Maha arabiah</i> , AbdulMalik Al-Salman and Eric Atwell	The design and construction of the 50 million words KSUCCA King Saud University Corpus of Classical Arabic	66
https://www.researchgate.net/publication/259453069_A_survey_of_automatic_Arabic_diacritization_techniques	Natural Language Engineering	2013	<i>Reham Al-Majed</i> and Aqil Azmi	A survey of automatic Arabic diacritization techniques	67
https://eprints.whiterose.ac.uk/81836/	International Journal of Computational Linguistics (IJCL)	2014	<i>Maha arabiah</i> , Nawal Alhelewh, AbdulMalik Al-Salman and Eric Atwell	KSUCCA: a key to exploring Arabic historical linguistics	68
https://eprints.whiterose.ac.uk/94413/	Corpus Linguistics	2015	<i>Abdulrahman Alosaimy</i> and Eric Atwell	A review of morphosyntactic analysers and tag-sets for Arabic corpus linguistics	69
https://www.researchgate.net/publication/309195345_mjm_almfrdat_als_hayt_lmtlmy_alrbyt_shay	Second Conference on the Recent Trends in Arabic L2 Teaching	2016	<i>Abdulrahman Alosaimy</i> , A. Alfaifi , Sameer M Alrehaili, Ayman Alghamdi and Mohammad M Alqahtani	معجم المفردات الشائعة لتعليم العربية "شائع"	70
https://eprints.whiterose.ac.uk/95270/1/SSC9%20Abstract.pdf	9th Saudi Students Conference	2016	<i>Abdulrahman Alosaimy</i> and Eric Atwell	SAWAREF: Multi-component Toolkit for Arabic morphosyntactic tagging	71
https://eprints.whiterose.ac.uk/99602/1/EnsembleMorphosyntacticAnalyserforClassicalArabic.pdf	2nd International Conference on Arabic Computational Linguistics	2016	<i>Abdulrahman Alosaimy</i> and Eric Atwell	Ensemble Morphosyntactic Analyser for Classical Arabic	72
https://eprints.whiterose.ac.uk/125569/	IMAN	2017	<i>Abdulrahman Alosaimy</i> and Eric Atwell	Sunnah Arabic Corpus: Design and Methodology	73

https://eprints.whiterose.ac.uk/126376/	Journal for Language Technology and Computational Linguistics	2017	<i>Abdulrahman Alosaimy</i> and Eric Atwell	Tagging Classical Arabic Text using Available Morphological Analysers and Part of Speech Taggers	74
https://etheses.whiterose.ac.uk/22359/	Thesis (Doctoral)	2018	<i>Abdulrahman Alosaimy</i>	Ensemble Morphosyntactic Analyser for Classical Arabic	75
https://eprints.whiterose.ac.uk/127399/	LREC: 11th Language Resources and Evaluation Conference	2018	<i>Abdulrahman Alosaimy</i> and Eric Atwell	Web-based Annotation Tool for Inflectional Language Resources	76
https://ieeexplore.ieee.org/abstract/document/8480176	IEEE International Workshop on Arabic and Derived Script Analysis and Recognition (ASAR)	2018	<i>Abdulrahman Alosaimy</i> and Eric Atwell	Diacritization of a Highly Cited Text: A Classical Arabic Book as a Case	77
https://www.researchgate.net/publication/326179151_Automatic_Arabic_image_captioning_using_RNN-LSTM-based_language_model_and_CNN	International Journal of Advanced Computer Science and Applications	2018	<i>Huda Al-muzaini, Tasniem Al-yahya</i> and Hafida Benhidour	Automatic Arabic image captioning using RNN-LSTM-based language model and CNN	78
https://www.researchgate.net/publication/349899397_Automated_Text_Simplification_A_Survey	ACM Computing Surveys	2021	<i>Suha Al-Thanyyan</i> and Aqil Azmi	Automated text simplification: A survey	79
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https://eprints.soton.ac.uk/268216/1/aaateSLpaper.pdf	Assistive Technology Research Series	2009	<i>Abdulaziz Almohimeed, M Wald</i> and R Damper	A New Evaluation Approach for Sign Language Machine Translation	80
https://www.learntechlib.org/p/35913/	E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education	2010	<i>Abeer Alnafjan</i> and Yousef Al-Ohali	A multimedia system for learning arabic sign language: tawasoul	81
https://aclanthology.org/W11-2311.pdf	EMNLP : The Second Workshop on Speech and Language Processing for Assistive Technologies (SLPAT)	2011	<i>Abdulaziz Almohimeed, M Wald</i> and R Damper	Arabic Text to Arabic Sign Language Translation System for the Deaf and Hearing-Impaired Community	82
https://www.researchgate.net/publication/267786837_A_Computer-Based_Aural_Rehabilitation_Assistant_for_Cochlear_Implanted_Children	International Conference on Future Information Technology	2011	<i>Abeer Alnafjan, Najwa Alghamdi</i> and Yousef Al-Ohali	A Computer-Based Aural Rehabilitation Assistant for Cochlear Implanted Children	83
https://link.springer.com/chapter/10.1007/978-3-642-23154-4_46	Image Processing and Communications Challenges	2011	<i>Madawi Al-Otaibi, Fatimah J Mohdar</i> and Hatim A Aboalsamh	Audio Compression Testing Tool for Multimedia Applications	84

https://aclanthology.org/W11-2311.pdf	Thesis (Doctoral)	2012	<i>Abdulaziz Almohimeed</i>	Arabic text to Arabic sign language example-based translation system	85
https://link.springer.com/chapter/10.1007/978-3-319-07638-6_11	International conference of design, user experience, and usability	2014	<i>Wafa Alrajhi, Haifa Aldayel, Dania Alomar, Arwa Al-Rubaian, Lama Alssum, Rawan Alharbi, Nora Alangari, Hadeel Al-Negheimish, Aljohara Alfayez, Sara Alwaalan, Rania Aljindan, Ashwag Alshathri, Ghada Alhudhud and Areej Al-Wabil</i>	The Design and Development of Empathetic Serious Games for Dyslexia: BCI Arabic Phonological Processing Training Systems	86
https://link.springer.com/chapter/10.1007/978-3-319-20681-3_30	International Conference on Universal Access in Human-Computer Interaction	2015	<i>Abeer Alnafjan, Bayan Al-Arifi and Areej Al-Wabil</i>	Design and Development of an Educational Arabic Sign Language Mobile Application: Collective Impact with Tawasol	87
https://www.thieme-connect.com/products/ejournals/abstract/10.3766/jaaa.15039	Journal of the American Academy of Audiology	2016	<i>Abeer Alnafjan, Abdulrahman Hagr, Soha N Garadat, Sabah M Hassan, Khalid Malki, Yousef Al Ohali, Najwa Al Ghamdi, Ayna Al Masaad and Sara Al Hamid</i>	The effect of the Arabic computer rehabilitation program "Rannan" on sound detection and discrimination in children with cochlear implants	88