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**Curriculum Vitae**

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| **1** |

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| **Personal data** |

Name: Hanan Aref Mesleh Hassan

Nationality: Jordanian

Date and place of birth: Dec.-01-1977 Jerash

Social status: Married

E-mail:jarunih@yahoo.com

Tell. N0 + 962-0772185555

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| **2** |

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| **Language** |

**English – Excellent**

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| **3** |

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| **Education** |

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| **Grade** | **Date** | **Country** | **University** | **Specialization** | **Degree** |
| - | 2019 | **Paris/ France** | **AgroParis Tech** | Plant Protection/ Fungi | Post Doctorate |
| Very good | 2016 | Jordan | **The University of Jordan** | Plant Protection | PH. D |
| Very good | 2006 | Jordan | **University of Science and Technology.** | Agriculture / Plant Protection. | Master |
| Excellent | 1999 | Jordan | **Jerash university.** | Agriculture/ Plant Production and Protection. | B .sc. |

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| **Scientific gradient** |

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| **Date** | **Location** | **Job** |
| 2016- 2022    2017-2018    2007-2016  2000-2007 | Jerash university. Faculty of agriculture  Section of plant protection and production  Taiba university. Faculty of science and Arts  Jerash university. Faculty of agriculture  Section of plant protection and production  Jerash university. Faculty of agriculture  Section of plant protection and production | Assistant professor  Assistant professor  Teacher assistance  Lab .supervisor |

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| **Participation in seminars and scientific conference** |

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| **5** |

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| **Participation** | **Location and date** | **Conference** | **No.** |
| Attendance | National Agricultural Research Center6/9/2021 | افاق الاستثمار في زراعة الشمندر السكري في انتاج الايثانول | 1 |
| Attendance | Paris, France 2019 | Global Conference on Agriculture and horticulture | 2 |
| Attendance | Taibah University 2018 | 2nd Scientific meeting | 3 |
| Attendance | Royal botanic garden/  Jordan University 2015 | Restoring Degraded Ecosystems: Regional and International Perspectives | 4 |
| Attendance | Proceeding of the international conservation and use of socio economically important wild plants in the fertile crescent | Royal botanic Garden/  Jordan University 2014 | 5 |
| Attendance | Jordan University 2014 | Plant protection association | 6 |
| Participants | Jordan University 2014 | Pesticides in Air | 7 |
| Participants | Jordan University 2014 | Parasitoid Searching Efficiency links Behaviour to Population Processes | 8 |
| Participants | Jordan University 2014 | Detection and Identification for Seedborne Virus  and Tested Methods for Control | 9 |
| Attendance | Jordan university 2014 | Scientific day of plant protection | 10 |
| Attendance | Jerash university 2014 | Agriculture workshop | 11 |
| Participants | Jordan University 2013 | A sustainable approach to control downy mildew (*Bremia lactucae) in* Jerash greenhouse-grown lettuce | 12 |
| Participants | Jordan University 2013 | Transgenic Resistance to Crop Diseases | 13 |
| Participants | Jordan University 2013 | Phytohormonal signaling and abnormal growth response  to insect  and mites infestation | 14 |
| Participants | Jordan University 2013 | Effects of Benomyl on photosynthesis in Soybean | 15 |
| Participants | Jordan University 2013 | Fungicide impacts on photosynthesis in crop plants | 16 |
| Participants | Jordan University 2012 | Biological Control of *Ceratitis capitata* by Entomopathgenic Fungi | 17 |
| Participants | Jordan University 2012 | A Peroxygenase Pathway Involved in the Biosynthesis of Epoxy Fatty Acids in Oat | 18 |
| Participants | Jordan University 2012 | Does fungal infection influence herbivore-induced  volatile emission in plants? | 19 |
| member of preparatory committee | Jerash University 2010 | Climate change and its impact on agriculture. | 21 |
| member of preparatory committee | Jerash University 2010 | Sustainable agriculture development in Jordan. | 22 |
| Attendance | Jerash University 2009 | Scientific second day in the college of agriculture. | 23 |

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| **Membership of committees** |

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| **Membership date** | **Name of membership committee** | **No** |
| **24-5-2022** | **A Member of Reviewer Journal of Advances in Biology & Biotechnology** | **1** |
| **15/3/2022** | **A Member of Reviewer Journal of International Journal of Environment and Climate Change** | **2** |
| **2022** | **Member of American Journal of Agriculture and Forestry** | **3** |
| **18/9/2021** | **A Member of Reviewer Journal of Pharmaceutical Research International** | **4** |
| **2021/2022**  **2021/2020**  **2019/2020** | **Coordinated of the Department of Pant Production and Protection** | **5** |
| **2016/2017** | **Coordinated Examinations at the Faculty of Agriculture** | **6** |
| **2014** | **A member of Jordan plant protection association** | **7** |
| **2007 – 2009**  **&**  **2015--2017-2019** | **A member of social committee-faculty of agriculture- Jerash university.** | **8** |
| **2009** | **A member of parathion committee for second day of faculty of agriculture**  **Jerash university**. | **9** |

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| Book and Published scientific paper |

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| **7** |

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| Title | # | |
| **Almomany, A. Hasan, H. and Al-Abdallat, A. (2022), First record and molecular Identification of *Amantia manginiana* in Jordan. *Jordan Journal of Agricultural Sciences (JJAS).*** | 1 | |
| **Hasan, Hanan. Hybrid production of Commercial *Pleurotus eryngii* isolates in Jordan, Patent. Under process.** | 2 | |
| **Effective utilization of Grape waste in the production of bioproduct (Proanthocyanidins) as antifungal on postharvest fungi rot. Under process.** | 3 | |
| **Hassan, Hanan (2020), Biology and Integrated Control of Tomato Wilt Caused *by Fusarium oxysporum lycopersici:* A Comprehensive Review under the Light of Recent Advancements. Journal of Botany Research 3(1) 84-99** | 4 | |
| **Post- Doctorate in plant protection in AgroparisTech University France- Paris validated by comprehensive research entitled / 2019**  **Biology and Control of Tomato Root disease Caused *by Fusarium oxysporum f.sp. lycopersici* byusing plant extracts** | 5 | |
| **Hasan, H. Almomany, A. Hasan, sh and Al-Abdallat, A. (2018), Assessment of Genetic Diversity among *Pleurotus* spp. Isolates from Jordan. Journal of fungi Switzerland, 4(2):52.**  **Scopus** | 6 | |
| **Hasan, H. Almomany, A. Hasan, sh and Al-Abdallat, A. (2020), Assessment of Genetic Diversity among *Pleurotus* spp. Isolates from Jordan: ( Francisco Cruz Sosa), Recent Progress in Microbiology and Biotechnology Vol. 3 Ch. 10 U.K., Publisher international.** | | 7 |
| **أثر التغيرات المناخية على التربة ومياه الري، وانعكاس ذلك على اصابة محصول البندورة (الطماطم) بمرض الذبول الوعائي الفيوزارمي**  **Master Supervisor.**  **The Effect of Climate Changes on Soil and Irrigation Water, and its Reflection on the Infection of the Tomato with the Fusarium Wilt Diseases. Under process** | | 8 |
| **Biology and Controlling of Peach leaf Curl Caused by *Taphrina deformans* in the North Jordan. Under process** | |  |
| **أثر التغيرات المناخية على انتشار بعض الامراض النباتية**  **The Impact of Climate Change on the Spread of some Plant Diseases. Under process** | | 9 |

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| **Courses and workshops** |

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| **Location and date** | **Course or workshop** | **No.** |
| Jerash university 2011 | Teaching strategies cycle | 1 |
| Jerash university 2010 | Measurement and evaluation cycle 2 | 2 |
| Jerash university 2013 | Using interactive panel session | 3 |
| Jordan university  Research, Training, Extension and Education Institute 2010 | Integrated Pest Managements | 4 |

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| **Teaching activities** |

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| **9** |

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| **Master stage** | **Under graduate** | **Teaching courses that I taught** | **No.** |
|  | 3-credit hours | Principles of plant protection. | 1 |
|  | 3-credit hours | Principles of plant production. | 2 |
|  | 3-credit hours | Plant dieses of Field and horticulture crop | 3 |
|  | 3-credit hours | Entomology | 4 |
|  | 3-credit hours | Pathology Plant | 5 |
|  | 3-credit hours | Genetics plant | 6 |
|  | 3-credit hours | Plant Biotechnology | 7 |
|  | 3-credit hours | Insects of field and horticultural crops | 8 |
|  | 3-credit hours | Nurseries and plant propagation. | 9 |
|  | 3-credit hours | Weeds and their control. | 10 |
|  | 3-credit hours | Environment and agriculture. | 11 |
|  | 2-credit hours | Gradation projects research. | 12 |
|  | 3-credit hours | Principles of Pesticide | 13 |
|  | 3-credit hours | Principles of Edaphology. | 14 |
|  | 3-credit hours | General biology | 15 |
|  | 3-credit hours | Entomology | 16 |
|  | 3-credit hours | Zoology | 17 |
|  | 3-credit hours | Ecology | 18 |