

# Rashid Abdullah Al-Yahyai

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83 papers	1,272 citations	18 h-index	33 g-index
100 ext. papers	1,804 ext. citations	2.3 avg, IF	5.12 L-index

#	Paper	IF	Citations
83	Thin layer drying kinetics and quality dynamics of persimmon ( <i>Diospyros kaki</i> ) treated with preservatives and solar dried under different temperatures.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0265111	3.7	0
82	Protective effect of jasmonic acid and potassium against cadmium stress in peas ( <i>L.</i> ).. <i>Saudi Journal of Biological Sciences</i> , <b>2022</b> , 29, 2626-2633	4	1
81	Achene yield and oil quality of diverse sunflower ( <i>Helianthus annuus</i> L.) hybrids are affected by different irrigation sources. <i>Journal of King Saud University - Science</i> , <b>2022</b> , 102016	3.6	0
80	Phosphorus and Potassium Application Improves Fodder Yield and Quality of Sorghum in Aridisol under Diverse Climatic Conditions. <i>Agriculture (Switzerland)</i> , <b>2022</b> , 12, 593	3	0
79	Mechanical damage of fresh produce in postharvest transportation: Current status and future prospects. <i>Trends in Food Science and Technology</i> , <b>2022</b> , 124, 195-207	15.3	4
78	Genome-Wide Identification and Expression Profiling of DUF221 Gene Family Provides New Insights Into Abiotic Stress Responses in Potato.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 804600	6.2	0
77	Health and environmental effects of Heavy metals. <i>Journal of King Saud University - Science</i> , <b>2021</b> , 101653	3.6	22
76	Witches' Broom Disease of Lime Contributes to Phytoplasma Epidemics and Attracts Insect Vectors. <i>Plant Disease</i> , <b>2021</b> , 105, 2637-2648	1.5	8
75	Foliar nano-fertilization enhances fruit growth, maturity, and biochemical responses of date palm. <i>Canadian Journal of Plant Science</i> , <b>2021</b> , 101, 299-306	1	3
74	Effect of Postharvest Transport and Storage on Color and Firmness Quality of Tomato. <i>Horticulturae</i> , <b>2021</b> , 7, 163	2.5	12
73	Quality changes kinetic of tomato during transportation and storage. <i>Journal of Food Process Engineering</i> , <b>2021</b> , 44, e13808	2.4	4
72	Evaluating the effect of <i>tuf</i> and <i>secA</i> gene sequence length for discrimination of phytoplasmas. <i>Canadian Journal of Plant Pathology</i> , <b>2021</b> , 43, 209-215	1.6	
71	Association of the 16SrII-D Phytoplasma with African Marigold () Phyllody in Oman. <i>Plant Disease</i> , <b>2021</b> , 105, 27-30	1.5	3
70	Biological control of <i>Pythium aphanidermatum</i> -induced cucumber and radish damping-off by an endophytic fungus, <i>Cladosporium omanense</i> isolate 31R. <i>Biocontrol Science and Technology</i> , <b>2021</b> , 31, 235-251	1.7	2
69	Impact of a Nature-Inspired Engineered Soil Structure on Microbial Diversity and Community Composition in the Bulk Soil and Rhizosphere of Tomato Grown Under Saline Irrigation Water. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2021</b> , 21, 173-186	3.2	0
68	Population structure of two morphotypes of <i>Sideroxylon mascatense</i> (A.DC.) T.D.Penn. in Oman. <i>Genetic Resources and Crop Evolution</i> , <b>2021</b> , 68, 1299-1308	2	
67	Chemical and nutritional quality changes of tomato during postharvest transportation and storage. <i>Journal of the Saudi Society of Agricultural Sciences</i> , <b>2021</b> , 20, 401-408	3.3	11

66	Genome-Wide Identification and Expression Profiling of Germin-Like Proteins Reveal Their Role in Regulating Abiotic Stress Response in Potato.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 831140	6.2	0
65	Expression profiling of pathogenesis-related Protein-1 (PR-1) genes from <i>Solanum tuberosum</i> reveals its critical role in <i>Phytophthora infestans</i> infection. <i>Microbial Pathogenesis</i> , <b>2021</b> , 161, 105290	3.8	0
64	A novel tonoplast Na/H antiporter gene from date palm (PdNHX6) confers enhanced salt tolerance response in <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , <b>2020</b> , 39, 1079-1093	5.1	12
63	Molecular Characterization of a Date Palm Vascular Highway 1-Interacting Kinase () Under Abiotic Stresses. <i>Genes</i> , <b>2020</b> , 11,	4.2	3
62	Basil <b>2020</b> , 47-62		1
61	An endophytic <i>Talaromyces omanensis</i> enhances reproductive, physiological and anatomical characteristics of drought-stressed tomato. <i>Journal of Plant Physiology</i> , <b>2020</b> , 249, 153163	3.6	13
60	¶¶Talaromyces omanensis sp. nov.: phenotypic and molecular characterization of a novel species isolated from <i>Rhazya stricta</i> in Oman. <i>Phytotaxa</i> , <b>2019</b> , 404, 190	0.7	3
59	Sustainable reuse options of treated effluents: a case study from Muscat, Oman. <i>Journal of Environmental Engineering and Science</i> , <b>2019</b> , 14, 195-202	0.8	4
58	Metabolomic analysis of date palm seedlings exposed to salinity and silicon treatments. <i>Plant Signaling and Behavior</i> , <b>2019</b> , 14, 1663112	2.5	20
57	Antioxidant Response to Salinity in Salt-Tolerant and Salt-Susceptible Cultivars of Date Palm. <i>Agriculture (Switzerland)</i> , <b>2019</b> , 9, 8	3	42
56	Functional Characterization of Date Palm Aquaporin Gene Confers Drought and Salinity Tolerance to Yeast and <i>Arabidopsis</i> . <i>Genes</i> , <b>2019</b> , 10,	4.2	15
55	InVitro and inVivo propagation of <i>Monothecha buxifolia</i> (Falc.) A. DC. An economical medicinal plant. <i>Acta Ecologica Sinica</i> , <b>2019</b> , 39, 425-430	2.7	1
54	<i>Cladosporium omanense</i> , a new endophytic species from <i>Zygophyllum coccineum</i> in Oman. <i>Phytotaxa</i> , <b>2019</b> , 388, 145	0.7	8
53	<i>Talaromyces variabilis</i> interferes with <i>Pythium aphanidermatum</i> growth and suppresses <i>Pythium</i> -induced damping-off of cucumbers and tomatoes. <i>Scientific Reports</i> , <b>2019</b> , 9, 11255	4.9	12
52	Overexpression of a Gene from Date Palm Confers Abiotic Stress Tolerance to Yeast and. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	26
51	First report of a ¶Candidatus <i>Phytoplasma aurantifolia</i> ¶related strain in <i>Citrus macrophylla</i> in Oman. <i>Phytopathogenic Mollicutes</i> , <b>2019</b> , 9, 7	1	5
50	Comparative Water Relations of Two Contrasting Date Palm Genotypes under Salinity. <i>International Journal of Agronomy</i> , <b>2019</b> , 2019, 1-16	1.9	5
49	Identification of Candidate Genes Involved in the Salt Tolerance of Date Palm ( <i>Phoenix dactylifera</i> L.) Based on a Yeast Functional Bioassay. <i>DNA and Cell Biology</i> , <b>2018</b> , 37, 524-534	3.6	9

48	Evaluation of tomato inbred lines for resistance to the tomato yellow leaf curl disease complex in Oman. <i>Crop Protection</i> , <b>2018</b> , 110, 91-98	2.7	9
47	Inhibits Growth and Induces Morphological Abnormalities in and Suppresses -Induced Damping-Off of Cucumber. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 95	5.7	30
46	Differential DNA methylation and transcription profiles in date palm roots exposed to salinity. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191492	3.7	26
45	AFLP Fingerprinting Analysis of Citrus Cultivars and Wild Accessions from Oman Suggests the Presence of Six Distinct Cultivars. <i>Agriculture</i> , <b>2018</b> , 64, 173-182	0.6	1
44	Detection, Identification, and Molecular Characterization of the 16SrII-D Phytoplasmas Infecting Vegetable and Field Crops in Oman. <i>Plant Disease</i> , <b>2018</b> , 102, 576-588	1.5	26
43	Expression of phytoplasma-induced witches broom disease symptoms in acid lime ( <i>Citrus aurantifolia</i> ) trees is affected by climatic conditions. <i>Plant Pathology</i> , <b>2017</b> , 66, 1380-1388	2.8	12
42	Plant-soil approach for irrigation scheduling of mango trees in the Sultanate of Oman. <i>Acta Horticulturae</i> , <b>2017</b> , 153-158	0.3	1
41	Genome-wide expression profiling in leaves and roots of date palm ( <i>Phoenix dactylifera</i> L.) exposed to salinity. <i>BMC Genomics</i> , <b>2017</b> , 18, 246	4.5	43
40	Classification of a new phytoplasmas subgroup 16SrII-W associated with <i>Crotalaria</i> witches' broom diseases in Oman based on multigene sequence analysis. <i>BMC Microbiology</i> , <b>2017</b> , 17, 221	4.5	13
39	Introducing School Gardens to the Omani Context: A Preliminary Study with Grade 7 Classes. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , <b>2017</b> , 14,	1.6	1
38	Detection of Differential DNA Methylation Under Stress Conditions Using Bisulfite Sequence Analysis. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1631, 121-137	1.4	6
37	Endophytic bacterial diversity of <i>Avicennia marina</i> helps to confer resistance against salinity stress in <i>Solanum lycopersicum</i> . <i>Journal of Plant Interactions</i> , <b>2017</b> , 12, 312-322	3.8	21
36	Genome Sequencing of sp. Yaish 1, a Bacterial Strain Isolated from the Rhizosphere of Date Palm Trees Affected by Salinity. <i>Genome Announcements</i> , <b>2017</b> , 5,		6
35	The Role of Na and K Transporters in Salt Stress Adaptation in Glycophytes. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 509	4.6	309
34	Screening of Date Palm ( <i>Phoenix dactylifera</i> L.) Cultivars for Salinity Tolerance. <i>Forests</i> , <b>2017</b> , 8, 136	2.8	24
33	X-ray Imaging of Stored Dates to Detect Infestation by Saw-Toothed Beetles. <i>International Journal of Fruit Science</i> , <b>2016</b> , 16, 42-56	1.2	5
32	The use of high throughput DNA sequence analysis to assess the endophytic microbiome of date palm roots grown under different levels of salt stress. <i>International Microbiology</i> , <b>2016</b> , 19, 143-155	3	20
31	RGB color imaging to detect <i>Aspergillus flavus</i> infection in dates. <i>Emirates Journal of Food and Agriculture</i> , <b>2016</b> , 28, 683	1	4

30	Identification of Reference Genes for Quantitative Real-Time PCR in Date Palm ( <i>Phoenix dactylifera</i> L.) Subjected to Drought and Salinity. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166216	3.7	18
29	Population genetic analysis reveals a low level of genetic diversity of 'Phytoplasma aurantifolia' causing witches' broom disease in lime. <i>SpringerPlus</i> , <b>2016</b> , 5, 1701		15
28	Genetic analysis suggests a shared origin of <i>Punica granatum</i> cultivars in Oman with cultivars from the center of origin, Iran. <i>Genetic Resources and Crop Evolution</i> , <b>2015</b> , 62, 815-821	2	2
27	Date Palm Status and Perspective in Oman <b>2015</b> , 207-240		8
26	LANDSCAPING WITH NATIVE PLANTS IN OMAN. <i>Acta Horticulturae</i> , <b>2015</b> , 181-192	0.3	1
25	A genome-wide identification of the miRNAome in response to salinity stress in date palm ( <i>Phoenix dactylifera</i> L.). <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 946	6.2	41
24	Mixed Fertilizer can Improve Fruit Yield and Quality of Field-Grown Tomatoes Irrigated with Saline Water. <i>Journal of Plant Nutrition</i> , <b>2014</b> , 37, 1981-1996	2.3	7
23	Non-destructive measurement of total soluble solid (TSS) content of dates using near infrared (NIR) imaging. <i>Emirates Journal of Food and Agriculture</i> , <b>2014</b> , 26, 970	1	7
22	Chemical composition of acid lime leaves infected with <i>Candidatus</i> Phytoplasma aurantifolia. <i>Agricultural Sciences</i> , <b>2014</b> , 05, 66-70	0.4	1
21	Disinfestation of stored dates using microwave energy. <i>Journal of Stored Products Research</i> , <b>2013</b> , 55, 1-5	2.5	15
20	Phytochemical content, antioxidant capacity and physicochemical properties of pomegranate grown in different microclimates in South Africa. <i>South African Journal of Plant and Soil</i> , <b>2013</b> , 30, 81-90	0.8	23
19	Postharvest Responses of Malindi Cavendish Banana to Various Storage Conditions. <i>International Journal of Fruit Science</i> , <b>2013</b> , 13, 373-388	1.2	8
18	QUALITY OF DATES: INFLUENCING FACTORS AND ASSESSMENT METHODS. <i>Acta Horticulturae</i> , <b>2013</b> , 1241-1246	0.3	2
17	Detecting Surface Cracks on Dates Using Color Imaging Technique. <i>Food Science and Technology Research</i> , <b>2013</b> , 19, 795-804	0.8	11
16	TRADITIONAL CULTIVATION OF POMEGRANATE IN OMAN. <i>Acta Horticulturae</i> , <b>2013</b> , 549-555	0.3	3
15	AFLP data suggest a potential role for the low genetic diversity of acid lime ( <i>Citrus aurantifolia</i> Swingle) in Oman in the outbreak of witches' broom disease of lime. <i>Euphytica</i> , <b>2012</b> , 188, 285-297	2.1	33
14	Classification of dates varieties and effect of motion blurring on standardized moment features. <i>Journal of Food Measurement and Characterization</i> , <b>2012</b> , 6, 21-26	2.8	3
13	STATUS OF CITRUS AURANTIFOLIA INFECTED WITH WITCHES' BROOM DISEASE OF LIME IN OMAN. <i>Acta Horticulturae</i> , <b>2012</b> , 375-381	0.3	10

12	Molecular characterization and potential sources of Citrus tristeza virus in Oman. <i>Plant Pathology</i> , <b>2012</b> , 61, 632-640	2.8	11
11	Effect of storage conditions on physico-chemical attributes and physiological responses of 'milk' (Musa spp., AAB group) banana during fruit ripening. <i>International Journal of Postharvest Technology and Innovation</i> , <b>2012</b> , 2, 370	0.3	2
10	Managing irrigation of fruit trees using plant water status. <i>Agricultural Sciences</i> , <b>2012</b> , 03, 35-43	0.4	3
9	Physico-chemical and textural quality attributes of pomegranate cultivars (Punica granatum L.) grown in the Sultanate of Oman. <i>Journal of Food Engineering</i> , <b>2009</b> , 90, 129-134	6	144
8	Fruit growth characteristics of four pomegranate cultivars from northern Oman. <i>Fruits</i> , <b>2009</b> , 64, 335-340	0.3	14
7	BOTANICAL DESCRIPTION AND PHENOLOGICAL CYCLES OF MONOTHECA BUXIFOLIA. <i>Acta Horticulturae</i> , <b>2008</b> , 247-253	0.3	2
6	IMPROVEMENT OF DATE PALM PRODUCTION IN THE SULTANATE OF OMAN. <i>Acta Horticulturae</i> , <b>2007</b> , 337-343	0.3	2
5	First Report of Rust Caused by <i>Tranzschelia discolor</i> on Peach in Oman. <i>Plant Disease</i> , <b>2007</b> , 91, 638	1.5	1
4	CHARACTERIZATION OF SOIL-WATER RETENTION OF A VERY GRAVELLY LOAM SOIL VARIED WITH DETERMINATION METHOD. <i>Soil Science</i> , <b>2006</b> , 171, 85-93	0.9	25
3	Four Levels of Soil Water Depletion Minimally Affect Carambola Phenological Cycles. <i>HortTechnology</i> , <b>2005</b> , 15, 623-630	1.3	3
2	Fruit quality and partitioning of mineral elements in processing tomato in response to saline nutrients. <i>Journal of Plant Nutrition</i> , <b>1996</b> , 19, 705-715	2.3	5
1	Salinity tolerance in tomato: Implications of potassium, calcium, and phosphorus. <i>Communications in Soil Science and Plant Analysis</i> , <b>1995</b> , 26, 2749-2760	1.5	39