

Abdelkarim Filali-Maltouf

List of Publications by Year in descending order

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96
papers

1,752
citations

257450

24
h-index

345221

36
g-index

100
all docs

100
docs citations

100
times ranked

2181
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of Hepatitis B Virus Infection Markers among Patients of the Ibn Sina University Hospital Center (Rabat, Morocco). <i>Intervirolgy</i> , 2022, 65, 80-86.	2.8	2
2	Analysis of Ensifer aridi Mutants Affecting Regulation of Methionine, Trehalose, and Inositol Metabolisms Suggests a Role in Stress Adaptation and Symbiosis Development. <i>Microorganisms</i> , 2022, 10, 298.	3.6	1
3	Evaluation of TERT promoter mutations in tumor biopsies and urine sediment of Moroccan bladder cancer patients. <i>Annals of Cancer Research and Therapy</i> , 2022, 30, 1-7.	0.3	0
4	Diversity and bioprospecting for industrial hydrolytic enzymes of microbial communities isolated from deserted areas of south-east Morocco. <i>AIMS Microbiology</i> , 2022, 8, 5-25.	2.2	7
5	Knowledge, Attitude, and Practices (KAP) Regarding Meat Safety and Sanitation among Carcass Handlers Operating and Assessment of Bacteriological Quality of Meat Contact Surfaces at the Marrakech Slaughterhouse, Morocco. <i>International Journal of Food Science</i> , 2022, 2022, 1-8.	2.0	2
6	Mycorrhizal autochthonous consortium induced defense-related mechanisms of olive trees against <i>Verticillium dahliae</i> . <i>Journal of Plant Diseases and Protection</i> , 2021, 128, 225-237.	2.9	6
7	<i>Alcaligenes aquatilis</i> GTE53: Phosphate solubilising and bioremediation bacterium isolated from new biotope "phosphate sludge enriched-compost". <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 371-379.	3.8	14
8	Traits discovery in <i>Hordeum vulgare</i> sbsp. <i>spontaneum</i> accessions and in lines derived from interspecific crosses with wild <i>Hordeum</i> species for enhancing barley breeding efforts. <i>Crop Science</i> , 2021, 61, 219-233.	1.8	11
9	Evaluation of durum wheat lines derived from interspecific crosses under drought and heat stress. <i>Crop Science</i> , 2021, 61, 119-136.	1.8	30
10	A phosphocompost amendment enriched with PGPR consortium enhancing plants growth in deficient soil. <i>Communications in Soil Science and Plant Analysis</i> , 2021, 52, 1236-1247.	1.4	4
11	Detection of grain yield QTLs in the durum population Lahn/Cham1 tested in contrasting environments. <i>Turkish Journal of Biology</i> , 2021, 45, 65-78.	0.8	2
12	Induction of early oxidative events in mycorrhizal olive tree in response to <i>Verticillium</i> wilt. <i>Archives of Phytopathology and Plant Protection</i> , 2021, 54, 1323-1345.	1.3	4
13	Effect of phospho-compost and phosphate laundered sludge combined or not with endomycorrhizal inoculum on the growth and yield of tomato plants under greenhouse conditions. <i>Acta Biologica Szegediensis</i> , 2021, 64, 221-232.	0.3	2
14	Assessment of Drought and Heat Tolerance of Durum Wheat Lines Derived from Interspecific Crosses Using Physiological Parameters and Stress Indices. <i>Agronomy</i> , 2021, 11, 695.	3.0	12
15	Evaluation of the nutrients cycle, humification process, and agronomic efficiency of organic wastes composting enriched with phosphate sludge. <i>Journal of Cleaner Production</i> , 2021, 302, 127051.	9.3	33
16	Degradation of p53 by HPV16-E6 variants isolated from cervical cancer specimens of Moroccan women. <i>Gene</i> , 2021, 791, 145709.	2.2	5
17	Assessment and modeling using machine learning of resistance to scald (<i>Rhynchosporium commune</i>) in two specific barley genetic resources subsets. <i>Scientific Reports</i> , 2021, 11, 15967.	3.3	6
18	Phosphate sludge: opportunities for use as a fertilizer in deficient.. <i>Detritus</i> , 2021, , 82-93.	0.9	3

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19	Ensifer aridi LMR001T Symbiosis and Tolerance to Stress Do Not Require the Alternative Sigma Factor RpoE2. <i>Agronomy</i> , 2021, 11, 1787.	3.0	2
20	Contribution of Wild Relatives to Durum Wheat (<i>Triticum turgidum</i> subsp. <i>durum</i>) Yield Stability across Contrasted Environments. <i>Agronomy</i> , 2021, 11, 1992.	3.0	11
21	Antibacterial activity of plant extracts against periodontal pathogens: A systematic review. <i>Journal of Herbal Medicine</i> , 2021, 29, 100493.	2.0	3
22	In Vitro Antibacterial Activity of <i>Myrtus communis</i> L. and <i>Marrubium vulgare</i> L. Leaves against <i>Aggregatibacter actinomycetemcomitans</i> and <i>Eikenella corrodens</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	1.2	7
23	Assessment of Genetic Diversity and Symbiotic Efficiency of Selected Rhizobia Strains Nodulating Lentil (<i>Lens culinaris</i> Medik.). <i>Plants</i> , 2021, 10, 15.	3.5	12
24	Agro-Fruit-Forest Systems Based on Argan Tree in Morocco: A Review of Recent Results. <i>Frontiers in Plant Science</i> , 2021, 12, 783615.	3.6	12
25	Reusing phosphate sludge enriched by phosphate solubilizing bacteria as biofertilizer: Growth promotion of <i>Zea Mays</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 30, 101825.	3.1	21
26	Arbuscular mycorrhizal fungi improve mineral nutrition and tolerance of olive tree to <i>Verticillium</i> wilt. <i>Archives of Phytopathology and Plant Protection</i> , 2020, 53, 673-689.	1.3	19
27	In-Vitro Plant Growth Promotion of Rhizobium Strains Isolated from Lentil Root Nodules under Abiotic Stresses. <i>Agronomy</i> , 2020, 10, 1006.	3.0	8
28	Draft Genome Sequence of <i>Stenotrophomonas maltophilia</i> MDMC339, Isolated from Soil of Merzouga Desert in Morocco. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	3
29	Inter simple sequence repeat markers to assess genetic diversity of the desert date (<i>Balanites</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 107	3.5	22
30	Combining QTL Analysis and Genomic Predictions for Four Durum Wheat Populations Under Drought Conditions. <i>Frontiers in Genetics</i> , 2020, 11, 316.	2.3	24
31	Effect of Arbuscular Mycorrhizal Fungi and Phosphate-Solubilizing Bacteria Consortia Associated with Phospho-Compost on Phosphorus Solubilization and Growth of Tomato Seedlings (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 107	3.5	22
32	Bioprotection of olive tree from <i>Verticillium</i> wilt by autochthonous endomycorrhizal fungi. <i>Journal of Plant Diseases and Protection</i> , 2020, 127, 349-357.	2.9	23
33	Phytochemicals, Antioxidant Activity and Ethnobotanical Uses of <i>Balanites aegyptiaca</i> (L.) Del. Fruits from the Arid Zone of Mauritania, Northwest Africa. <i>Plants</i> , 2020, 9, 401.	3.5	12
34	Response of Indigenous Rhizobia to the Inoculation of Soybean [<i>Glycine max</i> (L.) Merrill] Varieties Cultivated under Controlled Conditions in Côte d'Ivoire. <i>Advances in Microbiology</i> , 2020, 10, 110-122.	0.6	1
35	A Review on the Root System of <i>Argania spinosa</i> . <i>Current Agriculture Research Journal</i> , 2020, 8, 07-17.	0.1	2
36	Using two retrotransposon-based marker systems (SRAP and REMAP) for genetic diversity analysis of Moroccan Argan tree. <i>Molecular Biology Research Communications</i> , 2020, 9, 93-103.	0.3	2

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37	Loci Controlling Adaptation to Heat Stress Occurring at the Reproductive Stage in Durum Wheat. <i>Agronomy</i> , 2019, 9, 414.	3.0	31
38	<i>Astragalus algarbiensis</i> is nodulated by the <i>genistearum</i> symbiovar of <i>Bradyrhizobium</i> spp. in Morocco. <i>Systematic and Applied Microbiology</i> , 2019, 42, 440-447.	2.8	6
39	Reduction of hospitalizations with diarrhea among children aged 0â€“5â€“ years in Nouakchott, Mauritania, following the introduction of rotavirus vaccine. <i>Vaccine</i> , 2019, 37, 1407-1411.	3.8	4
40	Selection of Cocoa Tree (<i>Theobroma cacao</i> Linn) Endophytic Bacteria Solubilizing Tri-Calcium Phosphate, Isolated from Seedlings Grown on Soils of Six Producing Regions of C<te dâ€™Ivoire. <i>Advances in Microbiology</i> , 2019, 09, 842-852.	0.6	8
41	Diversity and spatial genetic structure of natural Moroccan <i>Quercus susber</i> L. assessed by ISSR markers for conservation. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 643-654.	3.1	13
42	Using chlorophyll fluorescence, photosynthetic enzymes and pigment composition to discriminate drought-tolerant ecotypes of <i>Argania spinosa</i>. <i>Plant Biosystems</i> , 2018, 152, 356-367.	1.6	13
43	Chickpea (<i>Cicer arietinum</i>) is nodulated by unexpected wide diversity of <i>Mesorhizobium</i> species in Eastern Algeria. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 285-297.	2.6	3
44	Analysis of isoniazid and rifampicin resistance in <i>Mycobacterium tuberculosis</i> isolates in Morocco using GenoTypeÂ® MTBDRplus assay. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 12, 197-201.	2.2	10
45	Heat Tolerance of Durum Wheat (<i>Triticum durum</i> Desf.) Elite Germplasm Tested along the Senegal River. <i>Journal of Agricultural Science</i> , 2018, 10, 217.	0.2	14
46	<i>In Silico</i> development of new SSRs primer for aquaporin linked to drought tolerance in plants. <i>Plant Signaling and Behavior</i> , 2018, 13, e1536630.	2.4	6
47	Root System Architecture and Its Association with Yield under Different Water Regimes in Durum Wheat. <i>Crop Science</i> , 2018, 58, 2331-2346.	1.8	70
48	Hospitalizations and Deaths Associated with Diarrhea and Respiratory Diseases among Children Aged 0â€“5 Years in a Referral Hospital of Mauritania. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 103.	2.3	9
49	Seaweed polysaccharides as bio-elicitors of natural defenses in olive trees against verticillium wilt of olive. <i>Journal of Plant Interactions</i> , 2018, 13, 248-255.	2.1	56
50	Durum Wheat Breeding: In the Heat of the Senegal River. <i>Agriculture (Switzerland)</i> , 2018, 8, 99.	3.1	11
51	Physiological and Biochemical Mechanisms of Drought Stress Tolerance in the Argan Tree. , 2018, , 311-322.		6
52	Phenolic Compounds Quantification, Antioxidant and Antibacterial Activities of Different Parts of <i>Urtica</i><i>dioica</i> and <i>Chenopodium</i><i>murale</i>. <i>Research Journal of Pharmacy and Technology</i> , 2018, 11, 5490.	0.8	5
53	Follow-up of a Composite Endomycorrhizal Inoculum in the Rhizosphere of Olive Plants, Analysis after 42 Months of Culture. <i>Annual Research & Review in Biology</i> , 2018, 22, 1-18.	0.4	0
54	Genomic characterization of <i>Ensifer aridi</i> , a proposed new species of nitrogen-fixing rhizobium recovered from Asian, African and American deserts. <i>BMC Genomics</i> , 2017, 18, 85.	2.8	34

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55	In-depth characterization of bacterial and archaeal communities present in the abandoned Kettara pyrrhotite mine tailings (Morocco). <i>Extremophiles</i> , 2017, 21, 671-685.	2.3	29
56	Assessment of genetic diversity and population structure of an endemic Moroccan tree (<i>Argania</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Molecular Biology of Plants, 2017, 23, 651-661.	3.1	21
57	Using microsatellite markers to map genetic diversity and population structure of an endangered Moroccan endemic tree (<i>Argania spinosa</i> L. Skeels) and development of a core collection. <i>Plant Gene</i> , 2017, 10, 51-59.	2.3	20
58	Wide crosses of durum wheat (<i>Triticum durum</i> Desf.) reveal good disease resistance, yield stability, and industrial quality across Mediterranean sites. <i>Field Crops Research</i> , 2017, 214, 219-227.	5.1	31
59	Extensively drug-resistant tuberculosis (XDR-TB) in Morocco. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 11, 75-80.	2.2	15
60	NADPH Oxidase NOX4 Is a Critical Mediator of BRAF ^{V600E} -Induced Downregulation of the Sodium/Iodide Symporter in Papillary Thyroid Carcinomas. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 864-877.	5.4	63
61	Genetic Diversity within a Global Panel of Durum Wheat (<i>Triticum durum</i>) Landraces and Modern Germplasm Reveals the History of Alleles Exchange. <i>Frontiers in Plant Science</i> , 2017, 8, 1277.	3.6	178
62	Genetic diversity and population structure of the endangered argan tree (<i>Argania spinosa</i> L. Skeels) in Morocco as revealed by SSR markers: Implication for conservation. <i>Australian Journal of Crop Science</i> , 2017, 11, 1304-1314.	0.3	8
63	Identification of G2607A mutation in EGFR gene with a significant rate in Moroccan patients with Bladder Cancer. <i>Cellular and Molecular Biology</i> , 2017, 63, 75-81.	0.9	2
64	Effects of a Composite Endomycorrhizal Inoculum on Olive Cuttings under the Greenhouse Conditions. <i>International Journal of Environment Agriculture and Biotechnology</i> , 2017, 2, 1070-1083.	0.1	5
65	<i>Phytophthora palmivora</i> : A New Pathogen of Olive Trees in Morocco. <i>Atlas Journal of Biology</i> , 2017, 2, 130-135.	0.1	3
66	Use of a combined cultural-molecular method for isolation and identification of <i>Campylobacter</i> from broiler chicken in Morocco. <i>African Journal of Microbiology Research</i> , 2017, 11, 296-305.	0.4	0
67	Genetic diversity of Moroccan bitter vetch <i>Vicia ervilia</i> (L.) Willd. landraces revealed by morphological and SSR markers. <i>Australian Journal of Crop Science</i> , 2016, 10, 717-725.	0.3	6
68	Analysis of dendrometric diversity among natural populations of cork oak (<i>Quercus suber</i> L.) from Morocco. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2016, 40, 127-135.	2.1	8
69	Study of genetic diversity and differentiation of argan tree population (<i>Argania spinosa</i> L.) using AFLP markers. <i>Australian Journal of Crop Science</i> , 2016, 10, 990-999.	0.3	9
70	Real-Time PCR for Measles Virus Detection on Clinical Specimens with Negative IgM Result in Morocco. <i>PLoS ONE</i> , 2016, 11, e0147154.	2.5	17
71	Local genetic structure and worldwide phylogenetic position of symbiotic <i>Rhizobium leguminosarum</i> strains associated with a traditional cultivated crop, <i>Vicia ervilia</i> , from Northern Morocco. <i>Systematic and Applied Microbiology</i> , 2016, 39, 409-417.	2.8	10
72	Recovery of symbiotic nitrogen fixing acacia rhizobia from Merzouga Desert sand dunes in South East Morocco – Identification of a probable new species of Ensifer adapted to stressed environments. <i>Systematic and Applied Microbiology</i> , 2016, 39, 122-131.	2.8	40

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73	Differential physiological and antioxidative responses to drought stress and recovery among four contrasting <i>Argania spinosa</i> ecotypes. <i>Journal of Plant Interactions</i> , 2016, 11, 30-40.	2.1	35
74	Patterns of Genetic Diversity and Structure at Fine Scale of an Endangered Moroccan Endemic Tree (<i>Argania spinosa</i> L. Skeels) Based on ISSR Polymorphism. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 528-535.	1.1	12
75	Molecular Typing of Mycobacterium Tuberculosis Complex by 24-Locus Based MIRU-VNTR Typing in Conjunction with Spoligotyping to Assess Genetic Diversity of Strains Circulating in Morocco. <i>PLoS ONE</i> , 2015, 10, e0135695.	2.5	25
76	Physiological and biochemical traits of drought tolerance in <i>Argania spinosa</i> . <i>Journal of Plant Interactions</i> , 2015, 10, 252-261.	2.1	40
77	Leaf water status, osmoregulation and secondary metabolism as a model for depicting drought tolerance in <i>Argania spinosa</i> . <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	32
78	Prospecting metal-tolerant rhizobia for phytoremediation of mining soils from Morocco using <i>Anthyllis vulneraria</i> L.. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4500-4512.	5.3	24
79	Transcriptome Changes in <i>Hirschfeldia incana</i> in Response to Lead Exposure. <i>Frontiers in Plant Science</i> , 2015, 6, 1231.	3.6	31
80	Patterns of Genetic Diversity and Structure at Fine Scale of an Endangered Moroccan Endemic Tree (<i>Argania spinosa</i> L. Skeels) Based on ISSR Polymorphism. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, .	1.1	3
81	Screening of Endophytic Bacteria Associated with <i>Ceratonia siliqua</i> L. Plant Using Molecular Marker Repetitive Extragenic Palindromic (Rep)-PCR. , 2015, 5, 043-051.		0
82	Assessment of Genetic Diversity of <i>Argania spinosa</i> L. Growing in Arid and Semi-arid Areas of Morocco as Revealed by Inter-Simple Sequence Repeats. <i>Journal of Agricultural Science and Technology B</i> , 2015, 5, .	0.1	6
83	Diversity of rotavirus strains circulating in children under 5 years of age admitted to hospital for acute gastroenteritis in morocco, june 2006 to may 2009. <i>Journal of Medical Virology</i> , 2013, 85, 354-362.	5.0	26
84	Lead Tolerance and Accumulation in <i>Hirschfeldia incana</i> , a Mediterranean Brassicaceae from Metalliferous Mine Spoils. <i>PLoS ONE</i> , 2013, 8, e61932.	2.5	40
85	<i>Phytophthora palmivora</i> : A New Pathogen of Olive Trees in Morocco. <i>Atlas Journal of Biology</i> , 2013, 2, 130-135.	0.1	6
86	RHIZOSTABILIZATION OF METALS IN SOILS USING LUPINUS LUTEUS INOCULATED WITH THE METAL RESISTANT RHIZOBACTERIUM <i>SERRATIA</i> SP. MSMC541. <i>International Journal of Phytoremediation</i> , 2012, 14, 261-274.	3.1	81
87	The Genotypic Population Structure of Mycobacterium tuberculosis Complex from Moroccan Patients Reveals a Predominance of Euro-American Lineages. <i>PLoS ONE</i> , 2012, 7, e47113.	2.5	22
88	Diversity analysis of <i>Aegilops</i> species from Morocco using RAPD markers. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 271-282.	1.6	0
89	A new rapid and micro-scale hydrolysis, using triethylamine citrate, for lipopolysaccharide characterization by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2043-2048.	1.5	19
90	Molecular analysis of SCARECROW genes expressed in white lupin cluster roots. <i>Journal of Experimental Botany</i> , 2010, 61, 1351-1363.	4.8	38

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91	Évaluation de la contamination par les éléments-traces métalliques dans une zone minière du Maroc oriental*. Cahiers Agricultures, 2010, 19, 273-279.	0,9	24
92	Antimicrobial resistance in <i>Salmonella enterica</i> serovar Enteritidis in Morocco. Journal of Infection in Developing Countries, 2010, 4, 804-809.	1.2	5
93	Evaluation of genetic variability of sorghum (<i>Sorghum bicolor</i> L. Moench) in northwestern Morocco by ISSR and RAPD markers. Comptes Rendus - Biologies, 2007, 330, 789-797.	0.2	28
94	Osmoadaptative responses in the rhizobia nodulating <i>Acacia</i> isolated from south-eastern Moroccan Sahara. Environmental Microbiology, 2007, 9, 603-611.	3.8	33
95	Genetic Diversity and Phylogeny of Rhizobia That Nodulate <i>Acacia</i> spp. in Morocco Assessed by Analysis of rRNA Genes. Applied and Environmental Microbiology, 1998, 64, 4912-4917.	3.1	84
96	Genetic diversity of ten Moroccan populations of <i>Tetraclinis articulata</i> as revealed by Inter Simple Sequence Repeat (ISSR) markers. Bois Et Forets Des Tropiques, 0, 345, 15-25.	0.2	1