

Ahmed Rebai

List of Publications by Year in descending order

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Version: 2024-02-01

238
papers

4,687
citations

87723

38
h-index

168136

53
g-index

249
all docs

249
docs citations

249
times ranked

6889
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431. | 6.0 | 144 |
| 2 | Detection of Chemlali Extra-Virgin Olive Oil Adulteration Mixed with Soybean Oil, Corn Oil, and Sunflower Oil by Using GC and HPLC. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4893-4904. | 2.4 | 133 |
| 3 | Power of tests for QTL detection using replicated progenies derived from a diallel cross. <i>Theoretical and Applied Genetics</i> , 1993, 86, 1014-1022. | 1.8 | 91 |
| 4 | Analysis of skewed X-chromosome inactivation in females with rheumatoid arthritis and autoimmune thyroid diseases. <i>Arthritis Research and Therapy</i> , 2009, 11, R106. | 1.6 | 90 |
| 5 | Variability in the structure of epiphytic assemblages of <i>Posidonia oceanica</i> in relation to human interferences in the Gulf of Gabes, Tunisia. <i>Marine Environmental Research</i> , 2010, 70, 411-421. | 1.1 | 87 |
| 6 | SSR-based genetic diversity assessment among Tunisian winter barley and relationship with morphological traits. <i>Euphytica</i> , 2004, 135, 107-118. | 0.6 | 85 |
| 7 | Optimization and biochemical characterization of a bacteriocin from a newly isolated <i>Bacillus subtilis</i> strain 14B for biocontrol of <i>Agrobacterium</i> spp. strains. <i>Letters in Applied Microbiology</i> , 2009, 48, 253-260. | 1.0 | 81 |
| 8 | Comparison of methods for regression interval mapping in QTL analysis with non-normal traits. <i>Genetical Research</i> , 1997, 69, 69-74. | 0.3 | 73 |
| 9 | Optimization of alkaline protease production by <i>Aspergillus clavatus</i> ES1 in <i>Mirabilis jalapa</i> tuber powder using statistical experimental design. <i>Applied Microbiology and Biotechnology</i> , 2008, 79, 915-23. | 1.7 | 73 |
| 10 | Arsenic, cadmium, chromium and nickel in cancerous and healthy tissues from patients with head and neck cancer. <i>Science of the Total Environment</i> , 2013, 452-453, 58-67. | 3.9 | 72 |
| 11 | Comparing Power of Different Methods for QTL Detection. <i>Biometrics</i> , 1995, 51, 87. | 0.8 | 71 |
| 12 | Association study of VDR gene with rheumatoid arthritis in the French population. <i>Genes and Immunity</i> , 2005, 6, 707-711. | 2.2 | 71 |
| 13 | Variation of chemical composition of essential oils in wild populations of <i>Thymus algeriensis</i> Boiss. et Reut., a North African endemic Species. <i>Lipids in Health and Disease</i> , 2012, 11, 28. | 1.2 | 65 |
| 14 | Monitoring of Quality and Stability Characteristics and Fatty Acid Compositions of Refined Olive and Seed Oils during Repeated Pan- and Deep-Frying Using GC, FT-NIRS, and Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10357-10367. | 2.4 | 64 |
| 15 | QTL Mapping of Flowering and Fruiting Traits in Olive. <i>PLoS ONE</i> , 2013, 8, e62831. | 1.1 | 63 |
| 16 | IGD: A resource for intronless genes in the human genome. <i>Gene</i> , 2011, 488, 35-40. | 1.0 | 62 |
| 17 | Semen Quality Decline Among Men in Infertile Relationships: Experience Over 12 Years in the South of Tunisia. <i>Journal of Andrology</i> , 2009, 30, 541-547. | 2.0 | 61 |
| 18 | Analysis of genetic diversity in Tunisian durum wheat cultivars and related wild species by SSR and AFLP markers. <i>Genetic Resources and Crop Evolution</i> , 2005, 52, 21-31. | 0.8 | 59 |

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|----|---|-----|-----------|
| 19 | Production of mono-olein by immobilized <i>Staphylococcus simulans</i> lipase in a solvent-free system: Optimization by response surface methodology. <i>Enzyme and Microbial Technology</i> , 2006, 39, 717-723. | 1.6 | 58 |
| 20 | Identification of two new mutations in the GPR98 and the PDE6B genes segregating in a Tunisian family. <i>European Journal of Human Genetics</i> , 2009, 17, 474-482. | 1.4 | 58 |
| 21 | An Overview of the Authentication of Olive Tree and Oil. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2013, 12, 218-227. | 5.9 | 56 |
| 22 | Genetic Diversity of Tunisian Olive Tree (<i>Olea europaea</i> L.) Cultivars Assessed by AFLP Markers. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 265-275. | 0.8 | 53 |
| 23 | Discovery and Potential of SNP Markers in Characterization of Tunisian Olive Germplasm. <i>Diversity</i> , 2010, 2, 17-27. | 0.7 | 53 |
| 24 | Blood nickel and chromium levels in association with smoking and occupational exposure among head and neck cancer patients in Tunisia. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8282-8294. | 2.7 | 52 |
| 25 | Significance thresholds for QTL interval mapping tests. <i>Heredity</i> , 1996, 76, 459-464. | 1.2 | 51 |
| 26 | More about quantitative trait locus mapping with diallel designs. <i>Genetical Research</i> , 2000, 75, 243-247. | 0.3 | 50 |
| 27 | CD155 expression in human breast cancer: Clinical significance and relevance to natural killer cell infiltration. <i>Life Sciences</i> , 2019, 231, 116543. | 2.0 | 50 |
| 28 | Improving algorithms for structure learning in Bayesian Networks using a new implicit score. <i>Expert Systems With Applications</i> , 2010, 37, 5470-5475. | 4.4 | 49 |
| 29 | Cadmium in blood of Tunisian men and risk of bladder cancer: interactions with arsenic exposure and smoking. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7204-7213. | 2.7 | 48 |
| 30 | High frequency and founder effect of the CYP3A4*20 loss-of-function allele in the Spanish population classifies CYP3A4 as a polymorphic enzyme. <i>Pharmacogenomics Journal</i> , 2015, 15, 288-292. | 0.9 | 48 |
| 31 | Response of larval <i>Ephestia kuehniella</i> (Lepidoptera: Pyralidae) to individual <i>Bacillus thuringiensis</i> kurstaki toxins and toxin mixtures. <i>Biological Control</i> , 2005, 35, 27-31. | 1.4 | 46 |
| 32 | Development and validation of the EUROFORGEN NAME (North African and Middle Eastern) ancestry panel. <i>Forensic Science International: Genetics</i> , 2019, 42, 260-267. | 1.6 | 46 |
| 33 | Evaluation of bactericidal and fungicidal activity of ferrocenyl or phenyl derivatives in the diphenyl butene series. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1038-1048. | 0.8 | 45 |
| 34 | Association study of <i>CARD8</i> (p.C10X) and <i>NLRP3</i> (p.Q705K) variants with rheumatoid arthritis in French and Tunisian populations. <i>International Journal of Immunogenetics</i> , 2012, 39, 131-136. | 0.8 | 44 |
| 35 | Comparative study of microsatellite profiles of DNA from oil and leaves of two Tunisian olive cultivars. <i>European Food Research and Technology</i> , 2009, 229, 757-762. | 1.6 | 43 |
| 36 | Biomonitoring of cadmium, chromium, nickel and arsenic in general population living near mining and active industrial areas in Southern Tunisia. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 761-779. | 1.3 | 41 |

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|----|---|-----|-----------|
| 37 | Fanconi anemia in Tunisia: high prevalence of group AA and identification of new FANCA mutations. <i>Journal of Human Genetics</i> , 2003, 48, 352-361. | 1.1 | 40 |
| 38 | PDS Is a New Susceptibility Gene to Autoimmune Thyroid Diseases: Association and Linkage Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2274-2280. | 1.8 | 39 |
| 39 | MnSOD and GPx1 polymorphism relationship with coronary heart disease risk and severity. <i>Biological Research</i> , 2016, 49, 22. | 1.5 | 39 |
| 40 | <i>Bacillus subtilis</i> bacteriocin Bac 14B with a broad inhibitory spectrum: Purification, amino acid sequence analysis, and physicochemical characterization. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 41-49. | 1.4 | 38 |
| 41 | Cleavage of the human thyrotropin receptor by ADAM10 is regulated by thyrotropin. <i>Journal of Molecular Recognition</i> , 2007, 20, 392-404. | 1.1 | 36 |
| 42 | Receptor tyrosine kinases: from biology to pathology. <i>Journal of Receptor and Signal Transduction Research</i> , 2011, 31, 387-394. | 1.3 | 36 |
| 43 | Characterization and Identification of Tunisian Olive Tree Varieties by Microsatellite Markers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 1371-1376. | 0.5 | 35 |
| 44 | Lack of association between the angiotensin-converting enzyme gene (I/D) polymorphism and diabetic nephropathy in Tunisian type 2 diabetic patients. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2008, 9, 32-36. | 1.0 | 34 |
| 45 | Enrichment of pan-frying refined oils with olive leaf phenolic-rich extract to extend the usage life. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 1443-1453. | 1.0 | 34 |
| 46 | Potential of doubled-haploid lines and localization of quantitative trait loci (QTL) for partial resistance to bacterial leaf streak (<i>Xanthomonas campestris</i> pv. <i>hordei</i>) in barley. <i>Theoretical and Applied Genetics</i> , 1998, 96, 95-100. | 1.8 | 33 |
| 47 | Mapping quantitative trait loci controlling silking date in a diallel cross among four lines of maize. <i>Theoretical and Applied Genetics</i> , 1997, 95, 451-459. | 1.8 | 32 |
| 48 | Spatial and temporal variations of microphytoplankton composition related to hydrographic conditions in the Gulf of Gabon's. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2009, 89, 1559-1569. | 0.4 | 32 |
| 49 | Genetic determinism of the vegetative and reproductive traits in an F1 olive tree progeny. <i>Tree Genetics and Genomes</i> , 2013, 9, 205-221. | 0.6 | 32 |
| 50 | Lack of Association of VDR Gene Polymorphisms with Thyroid Autoimmune Disorders: Familial and Case/Control Studies. <i>Journal of Clinical Immunology</i> , 2008, 28, 21-25. | 2.0 | 31 |
| 51 | Polymorphisms in the Human Cytochrome P450 and ArylamineN-Acetyltransferase: Susceptibility to Head and Neck Cancers. <i>BioMed Research International</i> , 2013, 2013, 1-20. | 0.9 | 29 |
| 52 | Using general linear model, Bayesian Networks and Naive Bayes classifier for prediction of <i>Karenia selliformis</i> occurrences and blooms. <i>Ecological Informatics</i> , 2018, 43, 12-23. | 2.3 | 29 |
| 53 | Analysis of MHC genes in a Tunisian isolate with autoimmune thyroid diseases: implication of TNF α 308 gene polymorphism. <i>Journal of Autoimmunity</i> , 2004, 23, 75-80. | 3.0 | 28 |
| 54 | Risk of laryngeal and nasopharyngeal cancer associated with arsenic and cadmium in the Tunisian population. <i>Environmental Science and Pollution Research</i> , 2014, 21, 2032-2042. | 2.7 | 28 |

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|----|--|-----|-----------|
| 55 | Putative Markers of Adulteration of Higher-Grade Olive Oil with Less Expensive Pomace Olive Oil Identified by Gas Chromatography Combined with Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5375-5383. | 2.4 | 28 |
| 56 | The genetics of autoimmune thyroid disease. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 234-239. | 3.1 | 27 |
| 57 | Characterization and authenticity of virgin olive oil (<i>Olea europaea</i> L.) cultivars by microsatellite markers. <i>European Food Research and Technology</i> , 2012, 234, 263-271. | 1.6 | 27 |
| 58 | Genetic Determinants of Methotrexate Toxicity in Tunisian Patients with Rheumatoid Arthritis: A Study of Polymorphisms Involved in the MTX Metabolic Pathway. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 385-393. | 0.6 | 27 |
| 59 | Bcl-2 expression and triple negative profile in breast carcinoma. <i>Medical Oncology</i> , 2011, 28, 55-61. | 1.2 | 26 |
| 60 | A Bayesian network approach to determine environmental factors controlling <i>Karenia selliformis</i> occurrences and blooms in the Gulf of Gabès, Tunisia. <i>Harmful Algae</i> , 2017, 63, 119-132. | 2.2 | 26 |
| 61 | Evaluation of an in silico predicted specific and immunogenic antigen from the OmcB protein for the serodiagnosis of <i>Chlamydia trachomatis</i> infections. <i>BMC Microbiology</i> , 2008, 8, 217. | 1.3 | 25 |
| 62 | Electrostatic interactions of peptides flanking the tyrosine kinase domain in the epidermal growth factor receptor provides a model for intracellular dimerization and autophosphorylation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 62, 1036-1043. | 1.5 | 24 |
| 63 | OGDD (<i>Olive Genetic Diversity Database</i>): a microsatellite markers' genotypes database of worldwide olive trees for cultivar identification and virgin olive oil traceability. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, bav090. | 1.4 | 24 |
| 64 | The WRKY Transcription Factor Family in Citrus: Valuable and Useful Candidate Genes for Citrus Breeding. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 516-543. | 1.4 | 24 |
| 65 | Analysis of GJB2 mutation: evidence for a Mediterranean ancestor for the 35delG mutation. <i>Clinical Genetics</i> , 2005, 68, 188-189. | 1.0 | 22 |
| 66 | Genetic Polymorphisms in the EGFR (R521K) and Estrogen Receptor (T594T) Genes, EGFR and ErbB-2 Protein Expression, and Breast Cancer Risk in Tunisia. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-6. | 3.0 | 22 |
| 67 | A genome-wide linkage scan in Tunisian families identifies a novel locus for non-syndromic posterior microphthalmia to chromosome 2q37.1. <i>Human Genetics</i> , 2009, 126, 575-587. | 1.8 | 22 |
| 68 | New mutation c.374C>T and a putative disease-associated haplotype within SCN1B gene in Tunisian families with febrile seizures. <i>European Journal of Neurology</i> , 2011, 18, 695-702. | 1.7 | 22 |
| 69 | Evidence of oral toxicity of <i>Photorehabdus temperata</i> strain K122 against <i>Prays oleae</i> and its improvement by heterologous expression of <i>Bacillus thuringiensis</i> cry1Aa and cry1Ia genes. <i>Journal of Invertebrate Pathology</i> , 2006, 91, 131-135. | 1.5 | 20 |
| 70 | Association of polymorphisms in estrogen and thyroid hormone receptors with thyroid cancer risk. <i>Journal of Receptor and Signal Transduction Research</i> , 2009, 29, 113-118. | 1.3 | 20 |
| 71 | HER2 Polymorphisms and Breast Cancer in Tunisian Women. <i>Genetic Testing and Molecular Biomarkers</i> , 2010, 14, 29-35. | 0.3 | 20 |
| 72 | Low-level arsenic exposure is associated with bladder cancer risk and cigarette smoking: a case-control study among men in Tunisia. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3923-3931. | 2.7 | 20 |

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|----|--|-----|-----------|
| 73 | Polymorphisms in XRCC1, ERCC2, and ERCC3 DNA repair genes, CYP1A1 xenobiotic metabolism gene, and tobacco are associated with bladder cancer susceptibility in Tunisian population. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22476-22484. | 2.7 | 20 |
| 74 | Association analysis of interleukin gene polymorphisms in autoimmune thyroid diseases in the Tunisian population. <i>European Cytokine Network</i> , 2007, 18, 196-200. | 1.1 | 20 |
| 75 | Integration of Innovative Technologies in the Agri-Food Sector: The Fundamentals and Practical Case of DNA-Based Traceability of Olives from Fruit to Oil. <i>Plants</i> , 2022, 11, 1230. | 1.6 | 20 |
| 76 | Genetic heterogeneity of megaloblastic anaemia type A1 in Tunisian patients. <i>Journal of Human Genetics</i> , 2007, 52, 262-270. | 1.1 | 19 |
| 77 | Association of <i>IRF5</i> gene polymorphisms with rheumatoid arthritis in a Tunisian population. <i>Scandinavian Journal of Rheumatology</i> , 2008, 37, 414-418. | 0.6 | 19 |
| 78 | Association of calpain-10 polymorphisms with type 2 diabetes in the Tunisian population. <i>Diabetes and Metabolism</i> , 2008, 34, 273-278. | 1.4 | 19 |
| 79 | Haplotypes for 13 Y-chromosomal STR loci in South Tunisian population (Sfax region). <i>Forensic Science International</i> , 2006, 164, 249-253. | 1.3 | 18 |
| 80 | Causal inference in biomolecular pathways using a Bayesian network approach and an Implicit method. <i>Journal of Theoretical Biology</i> , 2008, 253, 717-724. | 0.8 | 18 |
| 81 | Clinical and genetic investigation of a large Tunisian family with complete achromatopsia: identification of a new nonsense mutation in GNAT2 gene. <i>Journal of Human Genetics</i> , 2011, 56, 22-28. | 1.1 | 18 |
| 82 | Association between Leptin gene polymorphisms and plasma leptin level in three consanguineous families with obesity. <i>Gene</i> , 2013, 527, 75-81. | 1.0 | 18 |
| 83 | Essential oil variation in wild populations of <i>Artemisia saharae</i> (Asteraceae) from Tunisia: chemical composition, antibacterial and antioxidant properties. , 2014, 55, 76. | | 18 |
| 84 | Genetic screening of two Tunisian families with generalized epilepsy with febrile seizures plus. <i>European Journal of Neurology</i> , 2009, 16, 697-704. | 1.7 | 17 |
| 85 | Inference of biogeographical ancestry across central regions of Eurasia. <i>International Journal of Legal Medicine</i> , 2016, 130, 73-79. | 1.2 | 17 |
| 86 | Effects of Compost and Manure Application Rate on the Soil Physico-Chemical Layers Properties and Plant Productivity. <i>Waste and Biomass Valorization</i> , 2020, 11, 1883-1894. | 1.8 | 17 |
| 87 | Polymorphisms in human DNA repair genes and head and neck squamous cell carcinoma. <i>Journal of Genetics</i> , 2012, 91, 375-384. | 0.4 | 16 |
| 88 | Genetic Similarity Among Tunisian Olive Cultivars and Two Unknown Feral Olive Trees Estimated Through SSR Markers. <i>Biochemical Genetics</i> , 2014, 52, 258-268. | 0.8 | 16 |
| 89 | Long-term microphytoplankton variability patterns using multivariate analyses: ecological and management implications. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11481-11499. | 2.7 | 16 |
| 90 | Further evidence of the clinical and genetic heterogeneity of recessive transgressive PPK in the Mediterranean region. <i>Journal of Human Genetics</i> , 2006, 51, 841-845. | 1.1 | 15 |

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|-----|---|-----|-----------|
| 91 | Risk genotypes and haplotypes of the GLUT1 gene for type 2 diabetic nephropathy in the Tunisian population. <i>Annals of Human Biology</i> , 2008, 35, 490-498. | 0.4 | 15 |
| 92 | Sister chromatid exchange (SCE) and high-frequency cells (HFC) in peripheral blood lymphocytes of healthy Tunisian smokers. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 719, 1-6. | 0.9 | 15 |
| 93 | <scp>DNA</scp> repair gene polymorphisms and risk of head and neck cancer in the <scp>T</scp>unisian population. <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 217-224. | 1.4 | 15 |
| 94 | Nonclassical human leukocyte antigen (HLA-G, HLA-E, and HLA-F) in coronary artery disease. <i>Human Immunology</i> , 2016, 77, 325-329. | 1.2 | 15 |
| 95 | Haplotype structure of five SNPs within the ACE gene in the Tunisian population. <i>Annals of Human Biology</i> , 2006, 33, 319-329. | 0.4 | 14 |
| 96 | Evidence of the effect of Î ² -endotoxin ratio in <i>Bacillus thuringiensis</i> crystals on the toxicity against <i>Ephestia kuehniella</i> . <i>Biological Control</i> , 2006, 37, 243-246. | 1.4 | 14 |
| 97 | The familial feature of Tunisian endemic pemphigus foliaceus. <i>British Journal of Dermatology</i> , 2009, 161, 951-953. | 1.4 | 14 |
| 98 | EGFR overexpression relates to triple negative profile and poor prognosis in breast cancer patients in Tunisia. <i>Journal of Receptor and Signal Transduction Research</i> , 2012, 32, 142-149. | 1.3 | 14 |
| 99 | Data mining analysis of human gut microbiota links <i>Fusobacterium</i> spp. with colorectal cancer onset. <i>Bioinformatics</i> , 2019, 15, 372-379. | 0.2 | 14 |
| 100 | Combining Autosomal and Y-Chromosomal Short Tandem Repeat Data in Paternity Testing with Male Child: Methods and Application. <i>Journal of Forensic Sciences</i> , 2007, 52, 1068-1072. | 0.9 | 13 |
| 101 | IL-1Î ² a potential factor for discriminating between thyroid carcinoma and atrophic thyroiditis. <i>European Cytokine Network</i> , 2012, 23, 101-106. | 1.1 | 13 |
| 102 | Association of CYP1A1 and CYP2D6 gene polymorphisms with head and neck cancer in Tunisian patients. <i>Molecular Biology Reports</i> , 2014, 41, 2591-2600. | 1.0 | 13 |
| 103 | Comparison between DNA-based, pomological and chemical markers accomplished by bioinformatic tools to distinguish within Tunisian olive cultivars. <i>Journal of Fundamental and Applied Sciences</i> , 2015, 7, 408. | 0.2 | 13 |
| 104 | Identification and characterization of single nucleotide polymorphism markers in FADS2 gene associated with olive oil fatty acids composition. <i>Lipids in Health and Disease</i> , 2017, 16, 138. | 1.2 | 13 |
| 105 | Association of EGFR and HER2 Polymorphisms with Risk and Clinical Features of Thyroid Cancer. <i>Genetic Testing and Molecular Biomarkers</i> , 2009, 13, 779-784. | 0.3 | 12 |
| 106 | Non-HLA autoimmunity genetic factors contributing to Autoimmune Polyglandular Syndrome type II in Tunisian patients. <i>Human Immunology</i> , 2012, 73, 740-746. | 1.2 | 12 |
| 107 | Population genetics of 17 Y-STR markers in West Libya (Tripoli region). <i>Forensic Science International: Genetics</i> , 2013, 7, e59-e61. | 1.6 | 12 |
| 108 | Anticyclic Citrullinated Peptide Antibody and Rheumatoid Factor in South Tunisian Patients With Rheumatoid Arthritis: Association With Disease Activity and Severity. <i>Journal of Clinical Laboratory Analysis</i> , 2014, 28, 21-26. | 0.9 | 12 |

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|-----|---|-----|-----------|
| 109 | Paternal lineages in <sc>L</sc>bya inferred from Yâ€chromosome haplogroups. American Journal of Physical Anthropology, 2015, 157, 242-251. | 2.1 | 12 |
| 110 | Genetic structure of the <sc>K</sc>uwaiti population revealed by paternal lineages. American Journal of Human Biology, 2016, 28, 203-212. | 0.8 | 12 |
| 111 | Towards novel Cry toxins with enhanced toxicity/broader: a new chimeric Cry4Ba / Cry1Ac toxin. Applied Microbiology and Biotechnology, 2017, 101, 113-122. | 1.7 | 12 |
| 112 | Potential Predictive Role of Lipid Peroxidation Markers for Type 2 Diabetes in the Adult Tunisian Population. Canadian Journal of Diabetes, 2018, 42, 263-271. | 0.4 | 12 |
| 113 | SNP discovery and structural insights into OeFAD2 unravelling high oleic/linoleic ratio in olive oil. Computational and Structural Biotechnology Journal, 2022, 20, 1229-1243. | 1.9 | 12 |
| 114 | Lack of linkage and association between autoimmune thyroid diseases and the CTLA-4 gene in a large tunisian family. Human Immunology, 2001, 62, 1245-1250. | 1.2 | 11 |
| 115 | Severe MDC1A Congenital Muscular Dystrophy Due to a Splicing Mutation in theLAMA2Gene Resulting in Exon Skipping and Significant Decrease of mRNA Level. Genetic Testing and Molecular Biomarkers, 2007, 11, 199-207. | 1.7 | 11 |
| 116 | Thyroglobulin polymorphisms in Tunisian patients with autoimmune thyroid diseases (AITD). Immunobiology, 2008, 213, 577-583. | 0.8 | 11 |
| 117 | Genetic structure of Kuwaiti population revealed by Y-STR diversity. Annals of Human Biology, 2010, 37, 827-835. | 0.4 | 11 |
| 118 | SNP marker analysis for validating the authenticity of Tunisian olive oil. Journal of Genetics, 2015, 94, 148-154. | 0.4 | 11 |
| 119 | Structure space of Bayesian networks is dramatically reduced by subdividing it in sub-networks. Journal of Computational and Applied Mathematics, 2015, 287, 48-62. | 1.1 | 11 |
| 120 | Evidence for Association of the E23K Variant of <i>KCNJ11</i> Gene with Type 2 Diabetes in Tunisian Population: Population-Based Study and Meta-Analysis. BioMed Research International, 2014, 2014, 1-9. | 0.9 | 10 |
| 121 | Characterization of drug-metabolizing enzymes CYP2C9, CYP2C19 polymorphisms in Tunisian, Kuwaiti and Bahraini populations. Journal of Genetics, 2015, 94, 765-770. | 0.4 | 10 |
| 122 | Bayesian and Phylogenic Approaches for Studying Relationships among Table Olive Cultivars. Biochemical Genetics, 2017, 55, 300-313. | 0.8 | 10 |
| 123 | Evidence of SARS-CoV-2 symptomatic reinfection in four healthcare professionals from the same hospital despite the presence of antibodies. International Journal of Infectious Diseases, 2022, 117, 146-154. | 1.5 | 10 |
| 124 | Allelic structure and distribution of 103 STR loci in a Southern Tunisian population. Journal of Genetics, 2004, 83, 65-71. | 0.4 | 9 |
| 125 | Identification and Characterization of New Members of Vacuolar H ⁺ -Pyrophosphatase Family from Oryza sativa Genome. Russian Journal of Plant Physiology, 2005, 52, 821-825. | 0.5 | 9 |
| 126 | Association of glucose transporter 1 polymorphisms with type 2 diabetes in the Tunisian population. Diabetes/Metabolism Research and Reviews, 2008, 24, 544-548. | 1.7 | 9 |

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|-----|--|-----|-----------|
| 127 | Diagnostic value of an enzyme-linked immunosorbent assay using the recombinant CT694 species-specific protein of <i>Chlamydia trachomatis</i> . <i>Journal of Applied Microbiology</i> , 2009, 107, 1875-1882. | 1.4 | 9 |
| 128 | Application of computational approaches to study signalling networks of nuclear and Tyrosine kinase receptors. <i>Biology Direct</i> , 2010, 5, 58. | 1.9 | 9 |
| 129 | Mutations and polymorphisms of estrogens receptors genes and diseases susceptibility. <i>Journal of Receptor and Signal Transduction Research</i> , 2012, 32, 304-313. | 1.3 | 9 |
| 130 | Exploring charged biased regions in the human proteome. <i>Gene</i> , 2013, 515, 277-280. | 1.0 | 9 |
| 131 | Trace metal quantification in bladder biopsies from tumoral lesions of Tunisian cancer and controls subjects. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11433-11438. | 2.7 | 9 |
| 132 | Genetic diversity in barley landraces (<i>Hordeum vulgare</i> L. subsp. <i>vulgare</i>) originated from Crescent Fertile region as detected by seed storage proteins. <i>Journal of Genetics</i> , 2016, 95, 733-739. | 0.4 | 9 |
| 133 | Screening for clusters of charge in human virus proteomes. <i>BMC Genomics</i> , 2016, 17, 758. | 1.2 | 9 |
| 134 | Association of hyperhomocysteinemia with genetic variants in key enzymes of homocysteine metabolism and methotrexate toxicity in rheumatoid arthritis patients. <i>Inflammation Research</i> , 2018, 67, 703-710. | 1.6 | 9 |
| 135 | Immune checkpoint molecules B7-H6 and PD-L1 co-pattern the tumor inflammatory microenvironment in human breast cancer. <i>Scientific Reports</i> , 2021, 11, 7550. | 1.6 | 9 |
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