

# Yasemin Aelik AltunoÄlu

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

833  
citations

516710

16  
h-index

526287

27  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1099  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Comparative bioinformatics analysis and abiotic stress responses of expansin proteins in Cucurbitaceae members: watermelon and melon. <i>Protoplasma</i> , 2023, 260, 509-527.  | 2.1 | 7         |
| 2  | Comprehensive approaches on chemical composition and biological properties of <i>Daphne pontica</i> L. extracts. <i>Plant Biosystems</i> , 2022, 156, 116-129.  | 1.6 | 2         |
| 3  | Determination of PER-1 and OXA-10-like Extended Spectrum Beta-Lactamases Frequency in Ceftazidime Resistant <i>Pseudomonas aeruginosa</i> Strains Isolated in Kastamonu Training and Research Hospital, Turkey. <i>Flora: the Journal of Infectious Diseases and Clinical Microbiology = Infeksiyon Hastalıkları Ve Klinik Mikrobiyoloji Dergisi</i> , 2022, 27, 87-93. | 0.1 | 0         |
| 4  | Integration of in vitro and in silico approaches to assess three <i>Astragalus</i> species from Turkey flora: A novel spotlight from lab bench to functional applications. <i>Food Bioscience</i> , 2022, 49, 101858.   | 4.4 | 9         |
| 5  | Comparative Content, Biological and Anticancer Activities of <i>Heracleum humile</i> Extracts Obtained by Ultrasound-Assisted Extraction Method. <i>Chemistry and Biodiversity</i> , 2022, 19, .  | 2.1 | 4         |
| 6  | Anticancer and biological properties of leaf and flower extracts of <i>Echinacea purpurea</i> (L.) Moench. <i>Food Bioscience</i> , 2021, 41, 101005.   | 4.4 | 16        |
| 7  | New perspectives into the chemical characterization of <i>Sida acuta</i> Burm. f. extracts with respect to its anti-cancer, antioxidant and enzyme inhibitory effects. <i>Process Biochemistry</i> , 2021, 105, 91-101.   | 3.7 | 10        |
| 8  | Antiproliferative properties and structural analysis of newly synthesized Schiff bases bearing pyrazole derivatives and molecular docking studies. <i>Journal of Molecular Structure</i> , 2021, 1241, 130520.  | 3.6 | 8         |
| 9  | Comparative genomic analysis of expansin superfamily gene members in zucchini and cucumber and their expression profiles under different abiotic stresses. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 2739-2756.   | 3.1 | 5         |
| 10 | LC-MS/HRMS Analysis, Anti-Cancer, Anti-Enzymatic and Anti-Oxidant Effects of <i>Boerhavia diffusa</i> Extracts: A Potential Raw Material for Functional Applications. <i>Antioxidants</i> , 2021, 10, 2003.   | 5.1 | 26        |
| 11 | Biogenic platinum nanoparticles using black cumin seed and their potential usage as antimicrobial and anticancer agent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112961.   | 2.8 | 111       |
| 12 | <i>Syzygium coriaceum</i> Bosser & J. Guã©”An endemic plant potentiates conventional antibiotics, inhibits clinical enzymes and induces apoptosis in breast cancer cells. <i>Industrial Crops and Products</i> , 2020, 143, 111948.   | 5.2 | 12        |
| 13 | Utilisation of <i>Rhododendron luteum</i> Sweet bioactive compounds as valuable source of enzymes inhibitors, antioxidant, and anticancer agents. <i>Food and Chemical Toxicology</i> , 2020, 135, 111052.  | 3.6 | 14        |
| 14 | Biological synthesis of silver nanoparticles using <i>Rheum ribes</i> and evaluation of their anticarcinogenic and antimicrobial potential: A novel approach in phytonanotechnology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 113012.  | 2.8 | 95        |
| 15 | Chemical characterization, computational analysis and biological views on <i>Daphne gnidioides</i> Jaub. & Spach extracts: Can a new raw material be provided for biopharmaceutical applications?. <i>Computational Biology and Chemistry</i> , 2020, 87, 107273.   | 2.3 | 9         |
| 16 | Antiproliferative-antimicrobial properties and structural analysis of newly synthesized Schiff bases derived from some 1,3,4-thiadiazole compounds. <i>Journal of Molecular Structure</i> , 2020, 1219, 128570.   | 3.6 | 20        |
| 17 | Exploring the Nutraceutical Potential of Dried Pepper <i>Capsicum annum</i> L. on Market from Altino in Abruzzo Region. <i>Antioxidants</i> , 2020, 9, 400.   | 5.1 | 45        |
| 18 | Antimicrobial and anti-quorum sensing activities of giant fennel ( <i>Ferula elaeochytris</i> Korovin) from the Hatay region. <i>Eurasian Journal of Veterinary Sciences</i> , 2020, 36, 214-220.   | 0.3 | 2         |

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|----|---|-----|-----------|
| 19 | Synergistic and Antagonistic Effects of Phenylalanine and Various Antibiotics on the Growth of Pathogenic Bacteria. <i>BioNanoScience</i> , 2019, 9, 446-452.   | 3.5 | 1         |
| 20 | Multidirectional insights on <i>Chrysophyllum perpulchrum</i> leaves and stem bark extracts: HPLC-ESI-MSn profiles, antioxidant, enzyme inhibitory, antimicrobial and cytotoxic properties. <i>Industrial Crops and Products</i> , 2019, 134, 33-42.                          | 5.2 | 24        |
| 21 | Identification of watermelon heat shock protein members and tissue-specific gene expression analysis under combined drought and heat stresses. <i>Turkish Journal of Biology</i> , 2019, 43, 404-419.   | 0.8 | 11        |
| 22 | Analysis of DNA protection, interaction and antimicrobial activity of isatin derivatives. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1271-1278.   | 7.5 | 23        |
| 23 | Comparative identification, characterization, and expression analysis of bZIP gene family members in watermelon and melon genomes. <i>Plant Growth Regulation</i> , 2019, 87, 227-243.  | 3.4 | 15        |
| 24 | Pharmacological and polyphenolic profiles of <i>Phyllanthus phillyreifolius</i> var. <i>commersonii</i> Müll. Arg: An unexplored endemic species from Mauritius. <i>Food Research International</i> , 2019, 115, 425-438.   | 6.2 | 19        |
| 25 | Anticancer, antimicrobial, and DNA protection analysis of novel 2,4-dihydroxyquinoline dyes. <i>Dyes and Pigments</i> , 2018, 157, 11-19.   | 3.7 | 10        |
| 26 | Novel in vitro and in silico insights of the multi-biological activities and chemical composition of <i>Bidens tripartita</i> L.. <i>Food and Chemical Toxicology</i> , 2018, 111, 525-536.   | 3.6 | 38        |
| 27 | Investigations into the therapeutic potential of <i>Asphodeline liburnica</i> roots: In vitro and in silico biochemical and toxicological perspectives. <i>Food and Chemical Toxicology</i> , 2018, 120, 172-182.   | 3.6 | 13        |
| 28 | Comparative identification and evolutionary relationship of fatty acid desaturase (FAD) genes in some oil crops: the sunflower model for evaluation of gene expression pattern under drought stress. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 846-857. | 1.3 | 12        |
| 29 | Genome-wide identification and comparative expression analysis of LEA genes in watermelon and melon genomes. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 5-21.  | 3.1 | 30        |
| 30 | Immune responses to methanolic extract of black cummin ( <i>Nigella sativa</i> ) in rainbow trout ( <i>Oncorhynchus mykiss</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T   | 3.6 | 52        |
| 31 | A Multidirectional Perspective for Novel Functional Products: In vitro Pharmacological Activities and In silico Studies on <i>Ononis natrix</i> subsp. <i>hispanica</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 600.  | 3.5 | 35        |
| 32 | Ceftriaxone and Phenylalanine Combination as Broad Spectrum Antimicrobials Therapy. <i>Current Drug Therapy</i> , 2017, 12, .   | 0.3 | 0         |
| 33 | Evaluation of genotoxic and cytologic effects of environmental stressin wheat species with different ploidy levels. <i>Turkish Journal of Biology</i> , 2016, 40, 580-588.  | 0.8 | 22        |
| 34 | Innate immune and growth promoting responses to caper ( <i>Capparis spinosa</i> ) extract in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish and Shellfish Immunology</i> , 2016, 57, 206-212.  | 3.6 | 51        |
| 35 | Identification and expression analysis of LEA gene family members in cucumber genome. <i>Plant Growth Regulation</i> , 2016, 80, 225-241.   | 3.4 | 41        |
| 36 | Identification, molecular characterization and expression analysis of RPL24 genes in three Cucurbitaceae family members: cucumber, melon and watermelon. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 1024-1034.   | 1.3 | 12        |

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|----|---|-----|-----------|
| 37 | A one step real time PCR method for the quantification of hepatitis delta virus RNA using an external armored RNA standard and intrinsic internal control. Journal of Clinical Virology, 2014, 60, 11-15. | 3.1 | 19        |
| 38 | Free circulating nucleic acids in plasma and serum as a novel approach to the use of internal controls in real time PCR based detection. Journal of Virological Methods, 2014, 207, 133-137.              | 2.1 | 9         |
| 39 | Genomic and Functional Characterization of Heat Shock Protein Families in Jujube Genome (Ziziphus) Tj ETQq1 1 0.784314 rgBT /Ove<br>0.4   | 0.4 | 1         |