

Yasemin Aelik AltunoÄlu

List of Publications by Year in descending order

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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	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
2	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
3	Immune responses to methanolic extract of black cumin (<i>Nigella sativa</i>) in rainbow trout (<i>Oncorhynchus mykiss</i>) Tj ETQq1 1 0.784314 rrgBT /Overlock 10 T	3.6	52
4	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
5	Exploring the Nutraceutical Potential of Dried Pepper <i>Capsicum annuum</i> L. on Market from Altino in Abruzzo Region. <i>Antioxidants</i> , 2020, 9, 400.	5.1	45
6	Identification and expression analysis of LEA gene family members in cucumber genome. <i>Plant Growth Regulation</i> , 2016, 80, 225-241.	3.4	41
7	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
8	A Multidirectional Perspective for Novel Functional Products: In vitro Pharmacological Activities and In silico Studies on <i>Ononisatrix subsp. hispanica</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 600.	3.5	35
9	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
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	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
12	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
13	Evaluation of genotoxic and cytologic effects of environmental stress in wheat species with different ploidy levels. <i>Turkish Journal of Biology</i> , 2016, 40, 580-588.	0.8	22
14	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
15	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. <i>Journal of Clinical Virology</i> , 2014, 60, 11-15.	3.1	19
16	Pharmacological and polyphenolic profiles of <i>Phyllanthus phillyreifolius</i> var. <i>commersonii</i> Mall. Arg: An unexplored endemic species from Mauritius. <i>Food Research International</i> , 2019, 115, 425-438.	6.2	19
17	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
18	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

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19	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
20	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
21	Identification, molecular characterization and expression analysis of <i>RPL24</i> genes in three Cucurbitaceae family members: cucumber, melon and watermelon. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 1024-1034.	1.3	12
22	Comparative identification and evolutionary relationship of fatty acid desaturase (<i>FAD</i>) 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
23	<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
24	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
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	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
27	Free circulating nucleic acids in plasma and serum as a novel approach to the use of internal controls in real time PCR based detection. <i>Journal of Virological Methods</i> , 2014, 207, 133-137.	2.1	9
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	Genomic and Functional Characterization of Heat Shock Protein Families in Jujube Genome (Ziziphus) Tj ETQq1 1 0,784314 rgBT /Ove	0,4	0
38	Ceftriaxone and Phenylalanine Combination as Broad Spectrum Antimicrobials Therapy. Current Drug Therapy, 2017, 12, .	0.3	0
39	Determination of PER-1 and OXA-10-like ExtendedSpectrum Beta-Lactamases Frequency in CeftazidimeResistant Pseudomonas aeruginosa Strains Isolated in Kastamonu Training and Research Hospital, Turkey. Flora: the Journal of Infectious Diseses and Clinical Microbiology = Infeksiyon Hastalıkları Ve Klinik Mikrobivolojii Dergisi, 2022, 27, 87-93.	0.1	0