

# Ahmet Adiguzel

## List of Publications by Year in descending order

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58  
papers

2,330  
citations

304743

22  
h-index

214800

47  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial and antioxidant properties of the essential oils and methanol extract from <i>Mentha longifolia</i> L. ssp. <i>longifolia</i> . <i>Food Chemistry</i> , 2007, 103, 1449-1456.	8.2	424
2	Antimicrobial activity of aqueous and methanol extracts of <i>Juniperus oxycedrus</i> L.. <i>Journal of Ethnopharmacology</i> , 2003, 85, 231-235.	4.1	330
3	Evaluation of antimicrobial activities of <i>Satureja hortensis</i> L.. <i>Journal of Ethnopharmacology</i> , 2003, 87, 61-65.	4.1	209
4	Screening the antioxidant and antimicrobial properties of the lichens <i>Parmelia saxatilis</i> , <i>Platismatia glauca</i> , <i>Ramalina pollinaria</i> , <i>Ramalina polymorpha</i> and <i>Umbilicaria nyländeriana</i> . <i>Phytomedicine</i> , 2006, 13, 515-521.	5.3	141
5	Biological activities of the essential oil and methanolic extract of <i>Micromeria fruticosa</i> (L) Druce ssp <i>serpyllifolia</i> (Bieb) PH Davis plants from the eastern Anatolia region of Turkey. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 735-741.	3.5	106
6	Identification and characterization of thermophilic bacteria isolated from hot springs in Turkey. <i>Journal of Microbiological Methods</i> , 2009, 79, 321-328.	1.6	93
7	Chemical Composition and Antimicrobial and Antioxidant Activities of the Essential Oil and Methanol Extract of <i>Hippomarathrum microcarpum</i> (Bieb.) from Turkey. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 937-942.	5.2	75
8	Characterization of Thermophilic Bacteria Using Surface-Enhanced Raman Scattering. <i>Applied Spectroscopy</i> , 2008, 62, 1226-1232.	2.2	62
9	Antimicrobial effects of <i>Quercus ilex</i> L. extract. <i>Phytotherapy Research</i> , 2004, 18, 208-211.	5.8	61
10	Antioxidant and Antimicrobial Properties of the Lichens <i>Cladonia foliacea</i> ., <i>Dermatocarpon miniatum</i> ., <i>Everinia divaricata</i> ., <i>Evernia prunastri</i> ., and <i>Neofuscella pulla</i> .. <i>Pharmaceutical Biology</i> , 2006, 44, 247-252.	2.9	56
11	Isolation and Characterization of Thermophilic Bacteria from Geothermal Areas in Turkey and Preliminary Research on Biotechnologically Important Enzyme Production. <i>Geomicrobiology Journal</i> , 2017, 34, 53-62.	2.0	56
12	Purification and biochemical characterization of a novel thermostable serine alkaline protease from <i>Aeribacillus pallidus</i> C10: a potential additive for detergents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 468-477.	5.2	51
13	Biodegradation of some azo dyes from wastewater with laccase from <i>Weissella viridescens</i> LB37 immobilized on magnetic chitosan nanoparticles. <i>Journal of Water Process Engineering</i> , 2019, 31, 100866.	5.6	44
14	A novel endo- $\beta$ -1,4-xylanase from <i>Pediococcus acidilactici</i> GC25; purification, characterization and application in clarification of fruit juices. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 571-578.	7.5	39
15	Combination of culture-dependent and culture-independent molecular methods for the determination of lactic microbiota in sucuk. <i>International Journal of Food Microbiology</i> , 2012, 153, 428-435.	4.7	35
16	Thermotolerant alkaline protease enzyme from <i>Bacillus licheniformis</i> A10: purification, characterization, effects of surfactants and organic solvents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1241-1247.	5.2	35
17	Biochemical Evaluation and Green Synthesis of Nano Silver Using Peroxidase from <i>Euphorbia</i> ( <i>Euphorbia amygdaloides</i> ) and Its Antibacterial Activity. <i>Journal of Chemistry</i> , 2015, 2015, 1-7.	1.9	29
18	Purification and characterization of $\beta$ -mannanase from <i>Bacillus pumilus</i> (M27) and its applications in some fruit juices. <i>Journal of Food Science and Technology</i> , 2015, 52, 5292-5298.	2.8	27

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19	Purification and characterization of an alkaline pectin lyase produced by a newly isolated <i>Brevibacillus borstelensis</i> (P35) and its applications in fruit juice and oil extraction. <i>European Food Research and Technology</i> , 2014, 239, 127-135.	3.3	26
20	Partial purification and characterization of lipase from <i>Geobacillus stearothermophilus</i> AH22. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 325-331.	5.2	26
21	Antibacterial effectiveness of calcium hydroxide alone or in combination with Ibuprofen and Ciprofloxacin in teeth with asymptomatic apical periodontitis: a randomized controlled clinical study. <i>International Endodontic Journal</i> , 2020, 53, 742-753.	5.0	25
22	Purification and characterization of a thermostable endo-beta-1,4 mannanase from <i>Weissella viridescens</i> LB37 and its application in fruit juice clarification. <i>European Food Research and Technology</i> , 2016, 242, 769-776.	3.3	22
23	Purification and characterization of a pectin lyase produced by <i>Geobacillus stearothermophilus</i> Ah22 and its application in fruit juice production. <i>Annals of Microbiology</i> , 2011, 61, 939-946.	2.6	19
24	Purification and characterisation of $\alpha$ -mannanase from <i>Lactobacillus plantarum</i> (M24) and its applications in some fruit juices. <i>International Journal of Food Science and Technology</i> , 2015, 50, 1158-1165.	2.7	19
25	Purification and characterization of extracellular $\alpha$ -amylase from a thermophilic <i>Anoxybacillus thermarum</i> A4 strain. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	19
26	Genome-based classification of <i>Calidifontibacillus erzurumensis</i> gen. nov., sp. nov., isolated from a hot spring in Turkey, with reclassification of <i>Bacillus azotoformans</i> as <i>Calidifontibacillus azotoformans</i> comb. nov. and <i>Bacillus oryztterrae</i> as <i>Calidifontibacillus oryztterrae</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6418-6427.	1.7	19
27	RAPD and FAME analyses of <i>Astragalus</i> species growing in eastern Anatolia region of Turkey. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 424-432.	1.3	18
28	Conventional and Molecular Identification of Bacteria with Magnesite Enrichment Potential from Local Quarries in Erzurum. <i>Geomicrobiology Journal</i> , 2014, 31, 445-451.	2.0	18
29	Preparation of chitosan from waste shrimp shells fermented with <i>Paenibacillus jamilae</i> BAT1. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1191-1199.	7.5	18
30	<i>Bacillus pasinlerensis</i> sp. nov., a thermophilic bacterium isolated from a hot spring in Turkey. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3865-3871.	1.7	17
31	PCR detection of <i>Brucella abortus</i> in cow milk samples collected from Erzurum, Turkey. <i>Turkish Journal of Medical Sciences</i> , 2013, 43, 501-508.	0.9	16
32	A thermostable-endo- $\alpha$ -(1,4)-mannanase from <i>Pediococcus acidilactici</i> (M17): purification, characterization and its application in fruit juice clarification. <i>European Food Research and Technology</i> , 2017, 243, 193-201.	3.3	16
33	Co-production of Amylase and Protease by Locally Isolated Thermophilic Bacterium <i>Anoxybacillus rupiensis</i> T2 in Sterile and Non-sterile Media Using Waste Potato Peels as Substrate. <i>Waste and Biomass Valorization</i> , 2020, 11, 6793-6802.	3.4	16
34	Production of water-soluble sulfated exopolysaccharide with anticancer activity from <i>Anoxybacillus gonensis</i> YK25. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1258-1266.	3.2	16
35	Production of bioethanol by facultative anaerobic bacteria. <i>Journal of the Institute of Brewing</i> , 2017, 123, 402-406.	2.3	15
36	Determination of antimutagenic properties of apigenin-7-O-rutinoside, a flavonoid isolated from <i>Mentha longifolia</i> (L.) Huds. ssp. <i>longifolia</i> with yeast DEL assay. <i>Toxicology and Industrial Health</i> , 2013, 29, 534-540.	1.4	14

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37	New xylanolytic enzyme from <i>Geobacillus galactosidasius</i> BS61 from a geothermal resource in Turkey. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1017-1026.	7.5	14
38	Enhancement of Amylase and Lipase Production from <i>Bacillus licheniformis</i> O16 Using Waste Chicken Feathers as Peptone Source. <i>Waste and Biomass Valorization</i> , 2020, 11, 1809-1819.	3.4	11
39	Purification and characterization of an extracellular cellulase from <i>Anoxybacillus gonensis</i> O9 isolated from geothermal area in Turkey. <i>Journal of Environmental Biology</i> , 2015, 36, 1319-24.	0.5	11
40	Production of linoleic acidâ€rich lipids in molassesâ€based medium by oleaginous fungus <i>Galactomyces geotrichum</i> TS61. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14518.	2.0	10
41	Effect of final irrigation with sodium hypochlorite at different temperatures on postoperative pain level and antibacterial activity: a randomized controlled clinical study. <i>Journal of Applied Oral Science</i> , 2021, 29, e20200502.	1.8	9
42	Bioconversion of waste sheep wool to microbial peptone by <i>Bacillus licheniformis</i> EY2. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 1372-1384.	3.7	9
43	Waste frying oil hydrolysis and lipase production by cold-adapted <i>Pseudomonas yamanorum</i> LP2 under non-sterile culture conditions. <i>Environmental Technology (United Kingdom)</i> , 2020, 42, 1-9.	2.2	8
44	Presence of Different Bacterial Species in Thermal Sources and Novelty in Their Industrial Enzyme Productions. <i>Journal of Pure and Applied Microbiology</i> , 2019, 13, 1375-1387.	0.9	7
45	Production of pectin lyase from <i>Geobacillus pallidus</i> p26, purification, characterization and fruit juice application. <i>Acta Chimica Slovaca</i> , 2014, 7, 57-63.	0.8	6
46	Recombinant laccase production from <i>Bacillus licheniformis</i> O12: Characterization and its application for dye decolorization. <i>Biologia (Poland)</i> , 2021, 76, 3429-3438.	1.5	6
47	Exopolysaccharide of <i>Anoxybacillus pushchinoensis</i> G11 has antitumor and antibiofilm activities. <i>Archives of Microbiology</i> , 2021, 203, 2101-2118.	2.2	5
48	Proteolytic, Lipolytic and Amyolytic Bacteria Reservoir of Turkey; Cold-Adaptive Bacteria in Detergent Industry. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 63-72.	0.9	5
49	Composition of the essential oil of <i>Salvia longipedicellata</i> from Turkey. <i>Chemistry of Natural Compounds</i> , 2007, 43, 230-231.	0.8	4
50	Molecular diversity of thermophilic bacteria isolated from Pasinler hot spring (Erzurum, Turkey). <i>Turkish Journal of Biology</i> , 0, , .	0.8	3
51	Preparation of Chitosan with High Antibacterial Efficiency from <i>Penicillium crustosum</i> TZ18. <i>Journal of Polymers and the Environment</i> , 0, , .	5.0	2
52	Microbial conversion of waste baklava syrup to biofuels and bioproducts. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102364.	3.1	2
53	Removal of some textile dyes with laccase from <i>Anoxybacillus Gonensis</i> (P39). <i>Current Opinion in Biotechnology</i> , 2013, 24, S33.	6.6	1
54	Lipase production from thermophilic bacteria using waste frying oil as substrate. <i>Teknik Bilimler Dergisi</i> , 0, , .	0.0	1

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55	Bacteriocin Producing Bacteria Isolated from Turkish Traditional Sausage Samples. Journal of Pure and Applied Microbiology, 2020, 14, 1567-1576.	0.9	1
56	Farnesol and tyrosol: novel inducers for microbial production of carotenoids and prodigiosin. Archives of Microbiology, 2022, 204, 107.	2.2	1
57	The effect of some bacteria on calcification in geothermal water pipes. Current Opinion in Biotechnology, 2011, 22, S76.	6.6	0
58	Detection of Methicillin Resistance in Staphylococcus aureus Isolates by Classical and Molecular Methods. Klimik Dergisi, 0, , 30-33.	0.4	0