

# Arda Acemi

## List of Publications by Year in descending order

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27  
papers

215  
citations

1163117

8  
h-index

1125743

13  
g-index

29  
all docs

29  
docs citations

29  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative analysis of the effects of chitosan and common plant growth regulators on in vitro propagation of <i>Ipomoea purpurea</i> (L.) Roth from nodal explants. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 537-544.	2.1	26
2	Purification of peroxidase from <i>Amsonia orientalis</i> by three-phase partitioning and its biochemical characterization. <i>Separation Science and Technology</i> , 2018, 53, 756-766.	2.5	25
3	Chitosan versus plant growth regulators: a comparative analysis of their effects on in vitro development of <i>Serapias vomeracea</i> (Burm.f.) Briq.. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 327-338.	2.3	24
4	Characterization of polyphenol oxidase from fennel ( <i>Foeniculum vulgare</i> Mill.) seeds as a promising source. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 261-271.	7.5	13
5	FTIR-based comparative analysis of glucomannan contents in some tuberous orchids, and effects of pre-processing on glucomannan measurement. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3681-3686.	3.5	12
6	Development of an efficient callus production protocol for <i>Amsonia orientalis</i> : A critically endangered medicinal plant. <i>EurAsian Journal of BioSciences</i> , 0, , 105-112.	0.3	10
7	FT-IR Spectroscopy Based Evaluation of Changes in Primary Metabolites of <i>Amsonia orientalis</i> after <i>in vitro</i> 6-benzylaminopurine Treatment. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2016, 44, 209-214.	1.1	10
8	Analysis of plant growth and biochemical parameters in <i>Amsonia orientalis</i> after in vitro salt stress. <i>Horticulture Environment and Biotechnology</i> , 2017, 58, 231-239.	2.1	10
9	Polymerization degree of chitosan affects structural and compositional changes in the cell walls, membrane lipids, and proteins in the leaves of <i>Ipomoea purpurea</i> : An FT-IR spectroscopy study. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 715-722.	7.5	10
10	Optimization of <i>in vitro</i> asymbiotic seed germination protocol for <i>Serapias vomeracea&lt;/i&gt;. <i>The EuroBiotech Journal</i>, 2019, 3, 143-151.</i>	1.0	9
11	Separation of catalase from <i>Amsonia orientalis&lt;/i&gt; with single step by aqueous two-phase partitioning system (ATPS). <i>Separation Science and Technology</i>, 2017, 52, 691-699.</i>	2.5	7
12	Preliminary screening the antioxidant potential of in vitro-propagated <i>Amsonia orientalis</i> : An example to sustainable use of rare medicinal plants in pharmaceutical studies. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 17, 100302.	3.3	7
13	Polymerization degree-dependent changes in the effects of <i>in vitro</i> chitosan treatments on photosynthetic pigment, protein, and dry matter contents of <i>Ipomoea purpurea&lt;/i&gt;. <i>The EuroBiotech Journal</i>, 2019, 3, 197-202.</i>	1.0	6
14	Genetic diversity of <i>Amsonia orientalis</i> . <i>Biologia (Poland)</i> , 2014, 69, 742-749.	1.5	5
15	Cytostatic Effects of Methanolic Extracts of <i>Amsonia orientalis</i> Decne. on MCF-7 and DU145 Cancer Cell Lines. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 36-42.	1.1	5
16	Molecular weight and concentration of chitosan affect plant development and phenolic substance pattern in arugula. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12296.	1.1	5
17	Effects of zinc and molybdenum on European Bluestar ( <i>Amsonia orientalis&lt;/i&gt;): An &lt;i&gt;in vitro&lt;/i&gt; study. <i>The EuroBiotech Journal</i>, 2020, 4, 32-41.</i>	1.0	5
18	Developmental and biochemical analyses of in vitro drought stress response in ornamental European Bluestar ( <i>Amsonia orientalis</i> Decne.). <i>Folia Horticulturae</i> , 2018, 30, 357-366.	1.8	5

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19	Biomolecular Structure and Composition Changes in the Root System of Long-Lipped Serapias ( <i>Serapias vomeracea</i> ) After In Vitro Chitosan and Plant Growth Regulator Treatments. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1315-1326.	5.1	4
20	Application of three-phase partitioning to the purification and characterization of polyphenol oxidase from antioxidant rosemary ( <i>Rosmarinus officinalis</i> L.). <i>International Journal of Food Engineering</i> , 2020, 16, .	1.5	4
21	PAH and PCB Levels in <i>Malva sylvestris</i> L. Specimens Collected from Kocaeli, Turkey. <i>Biomonitoring</i> , 2016, 2, .	1.0	3
22	Monitoring the effects of chitosan on the profile of certain cell wall and membrane biomolecules in the leaves of <i>Eruca vesicaria</i> ssp. <i>sativa</i> through FT-IR spectroscopy. <i>Plant Physiology and Biochemistry</i> , 2022, 173, 25-32.	5.8	3
23	Developmental responses of perennial ryegrass, red fescue, and Kentucky bluegrass to In vitro chitosan treatments. <i>Tarla Bitkileri Merkez Arastirma Enstitusu</i> , 2021, 30, 63-70.	0.8	2
24	Assessment of Macrophyte Plant Distribution and PAH Contamination in Selected Aquatic Habitats from an Industrialized City; Kocaeli, Turkey. <i>Biomonitoring</i> , 2017, 4, .	1.0	1
25	Effect of Medium Composition on In vitro Seed Germination and Plant Development in Kentucky Bluegrass ( <i>Poa pratensis</i> L. cv. Evora). <i>Commagene Journal of Biology</i> , 0, , .	0.2	1
26	The effects of chitosan and its acetylation degree on in vitro seed germination and organ development in <i>Ageratum houstonianum</i> Mill.. <i>Plant Cell, Tissue and Organ Culture</i> , 0, , .	2.3	1
27	Amsonia orientalisâ€™de 6-BenzilaminopÃ¼rin Destekli In vitro SÃ¼rgÃ¼n Ã¶strogenine Kuraklık Stresinin Morfolojik ve Fizyolojik Etkileri. <i>Turkish Journal of Agricultural and Natural Sciences</i> , 0, , 372-378.	0.6	0