Fatih Duman

List of Publications by Year
in descending order

48 papers	1,442 citations	361413 20 h-index	330143 37 g-index
50 all docs	50 docs citations	50 times ranked	2081 citing authors

#	Article	IF	Citations
1	Cellular Interaction of Human Skin Cells towards Natural Bioink via 3D-Bioprinting Technologies for Chronic Wound: A Comprehensive Review. International Journal of Molecular Sciences, 2022, 23, 476.	4.1	24
2	Eco-friendly intracellular biosynthesis of CdS quantum dots using Pseudomonas aeruginosa: Evaluation of antimicrobial effects and DNA cleavage activities. Recent Patents on Nanotechnology, 2021, 15, .	1.3	0
3	Lake sediment based catalyst for hydrogen generation via methanolysis of sodium borohydride: an optimization study with artificial neural network modelling. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 57.	1.7	11
4	Biosynthesis of silver nanoparticles using leaf extract of Aesculus hippocastanum (horse chestnut): Evaluation of their antibacterial, antioxidant and drug release system activities. Materials Science and Engineering C, 2020, 107, 110207.	7.3	109
5	Intracellular biosynthesis of PbS quantum dots using Pseudomonas aeruginosa ATCC 27853: evaluation of antibacterial effects and DNA cleavage activities. World Journal of Microbiology and Biotechnology, 2020, 36, 147.	3.6	13
6	Eco-Friendly Fabrication of Plasmonically Active Substrates Based on End-Grafted Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	6.7	14
7	Genotoxic and cytotoxic activity of green synthesized TiO2 nanoparticles. Applied Nanoscience (Switzerland), 2019, 9, 815-823.	3.1	17
8	DNA Cleavage Properties, Antimicrobial and Cytotoxic Activity and 4D-QSAR Analysis of Some Pyrazole Derivatives. Letters in Drug Design and Discovery, 2019, 16, 904-918.	0.7	1
9	An inclusive physicochemical comparison of natural and synthetic chitin films. International Journal of Biological Macromolecules, 2018, 106, 1062-1070.	7.5	21
10	Comparison of phytotoxic effects of bio-synthesised copper oxide nanoparticle and ionic copper on Elodea canadensis. Chemistry and Ecology, 2018, 34, 839-853.	1.6	14
11	A rapid synthesis of 2-((2-amino-4,6-dimethylpyrimidine-5yl)diazenyl)benzoic acid: Experimental, DFT study and DNA cleavage activity. Journal of Molecular Structure, 2018, 1171, 906-914.	3.6	2
12	Antimicrobial, Antioxidant, Cytotoxic and Wound Healing Effects of Thymbra sintenisii Extract. Indian Journal of Pharmaceutical Sciences, 2018, 80, .	1.0	5
13	Green synthesis and antimicrobial activity of ZnO nanostructures Punica granatum shell extract. Green Processing and Synthesis, 2017, 6, 317-323.	3.4	20
14	High optoelectronic and antimicrobial performances of green synthesized ZnO nanoparticles using Aesculus hippocastanum. Environmental Chemistry Letters, 2017, 15, 547-552.	16.2	30
15	A green approach for formation of silver nanoparticles on magnetic graphene oxide and highly effective antimicrobial activity and reusability. Journal of Molecular Liquids, 2017, 227, 147-152.	4.9	85
16	Formation of Matricaria chamomilla extract-incorporated Ag nanoparticles and size-dependent enhanced antimicrobial property. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 78-83.	3.8	62
17	Encapsulation of Flurbiprofen by Chitosan Using a Spray-Drying Method with <i>In Vitro</i> Drug Releasing and Molecular Docking. Turkish Journal of Pharmaceutical Sciences, 2017, 14, 34-39.	1.4	9
18	Crayfish chitosan for microencapsulation of coriander (Coriandrum sativum L.) essential oil. International Journal of Biological Macromolecules, 2016, 92, 125-133.	7.5	37

#	Article	IF	Citations
19	Chamomile flower extract-directed CuO nanoparticle formation for its antioxidant and DNA cleavage properties. Materials Science and Engineering C, 2016, 60, 333-338.	7.3	139
20	Characterisation of Î±-chitin extracted from a lichenised fungus species Xanthoria parietina. Natural Product Research, 2015, 29, 1280-1284.	1.8	12
21	Temporal variation of heavy metal accumulation and translocation characteristics of narrow-leaved cattail (Typha angustifolia L.). Environmental Science and Pollution Research, 2015, 22, 17886-17896.	5.3	17
22	Evaluation of effects of exposure conditions on the biological responses of Gammarus pulex exposed to cadmium. International Journal of Environmental Science and Technology, 2015, 12, 437-444.	3.5	18
23	Antagonist Effects of Sodium Chloride on the Biological Responses of an Aquatic Plant (Ceratophyllum demersum L.) Exposed to Hexavalent Chromium. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	4
24	The quick extraction of chitin from an epizoic crustacean species (Chelonibia patula). Natural Product Research, 2014, 28, 2186-2190.	1.8	22
25	Single and Combined Effects of Exposure Concentration and Duration on Biological Responses ofCeratophyllum demersumL. Exposed to Cr Species. International Journal of Phytoremediation, 2014, 16, 1192-1208.	3.1	16
26	Resting Eggs as New Biosorbent for Preconcentration of Trace Elements in Various Samples Prior to Their Determination by FAAS. Biological Trace Element Research, 2014, 159, 254-262.	3.5	13
27	Uptake of Mineral Elements During Abiotic Stress. , 2012, , 267-281.		9
28	Temporal Variation of Metals in Water, Sediment and Tissues of the European Chup (Squalius cephalus) Tj ETQq0 0 0 rgBT /Overlock 10	2.7	35
29	Effects of Exogenous Glycinebetaine and Trehalose on Cadmium Accumulation and Biological Responses of an Aquatic Plant (Lemna gibba L.). Water, Air, and Soil Pollution, 2011, 217, 545-556.	2.4	54
30	Single and combined effects of exposure concentration and duration on chromium phytoaccumulation. Current Opinion in Biotechnology, 2011, 22, S145.	6.6	3
31	Effects of Exogenous Glycinebetaine and Trehalose on Lead Accumulation in an Aquatic Plant (Lemna gibba L.). International Journal of Phytoremediation, 2011, 13, 492-497.	3.1	5
32	Correlation Between Chlorophyll Degradation and the Amount of Heavy Metals Found in Pseudevernia furfuracea in Kayseri (Turkey). Ekoloji, 2011, 20, 82-88.	0.4	10
33	Influence of nutrient addition on growth and accumulation of cadmium and copper in Lemna gibba. Chemical Speciation and Bioavailability, 2010, 22, 157-164.	2.0	7
34	Exogenous Salicylate Application Affects the Lead and Copper Accumulation Characteristics of Lemna gibba L.. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 675-680.	1.4	2
35	Biological responses of duckweed (Lemna minor L.) exposed to the inorganic arsenic species As(III) and As(V): effects of concentration and duration of exposure. Ecotoxicology, 2010, 19, 983-993.	2.4	96
36	Nickel accumulation and its effect on biomass, protein content and antioxidative enzymes in roots and leaves of watercress (Nasturtium officinale R. Br.). Journal of Environmental Sciences, 2010, 22, 526-532.	6.1	61

#	Article	IF	Citations
37	Arsenic accumulation and biological responses of watercress (Nasturtium officinale R. Br.) exposed to arsenite. Environmental and Experimental Botany, 2010, 69, 167-174.	4.2	62
38	Biological responses of a nonâ€target aquatic plant (Nasturtium officinale) to the herbicide, tribenuronâ€methyl. Weed Biology and Management, 2010, 10, 81-90.	1.4	13
39	Habitat Selection, Diversity and Estimating the Species Richness of Rotifers in Two Ponds Located in Central Anatolia. Journal of Animal and Veterinary Advances, 2010, 9, 2437-2444.	0.1	3
40	Bioaccumulation of Nickel, Copper, and Cadmium bySpirodela polyrhizaandLemna gibba. Journal of Freshwater Ecology, 2009, 24, 177-179.	1.2	15
41	Growth and bioaccumulation characteristics of watercress (Nasturtium officinaleR. BR.) exposed to cadmium, cobalt and chromium. Chemical Speciation and Bioavailability, 2009, 21, 257-265.	2.0	21
42	Seasonal variation of metal accumulation and translocation in yellow pond-lily (Nuphar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	2.0	12
43	Seasonal changes of metal accumulation and distribution in common club rush (Schoenoplectus) Tj ETQq1 1 0.784314 rgBT /Overloc	2.4	87
44	Seasonal Variability of Heavy Metals in Surface Sediment of Lake Sapanca, Turkey. Environmental Monitoring and Assessment, 2007, 133, 277-283.	2.7	63
45	Seasonal changes of metal accumulation and distribution in shining pondweed (Potamogeton lucens). Chemosphere, 2006, 65, 2145-2151.	8.2	45
46	Bioaccumulation, Detection and Analyses of Heavy Metal Pollution in Sultan Marsh and Its Environment. Water, Air, and Soil Pollution, 2005, 164, 241-255.	2.4	93
47	Heavy Metal Accumulation and Distribution in Narrow-Leaved Cattail (Typha angustifolia) and Common Reed (Phragmites australis). Journal of Freshwater Ecology, 2005, 20, 783-785.	1.2	23
48	Influence of salinity on the growth and heavy metal accumulation capacity of Spirodela polyrrhiza (Lemnaceae). Turkish Journal of Biology, 0, , .	0.8	8