

Nadir Dizge

List of Publications by Year in descending order

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83
papers

1,341
citations

331259

21
h-index

433756

31
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83
all docs

83
docs citations

83
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the adsorption performance of cationic and anionic dyes using hydrocharred waste human hair. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 3715-3728.	2.9	28
2	Investigation of diode laser effect on the inactivation of selected Gram-negative bacteria, Gram-positive bacteria and yeast and its disinfection on wastewater and natural milk. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1238-1250.	1.2	3
3	Investigation of two different size microplastic degradation ability of thermophilic bacteria using polyethylene polymers. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 3710-3720.	1.2	11
4	Investigation of Basalt Properties as Heterogeneous Catalyst for Fenton Oxidation of Textile Wastewater. <i>Clean - Soil, Air, Water</i> , 2022, 50, 2000432.	0.7	7
5	The effect of different types of AOPs supported by hydrogen peroxide on the decolorization of methylene blue and viscose fibers dyeing wastewater. <i>Water Science and Technology</i> , 2022, 85, 77-89.	1.2	4
6	Water recovery from yarn fabric dyeing wastewater using electrochemical oxidation and membrane processes. <i>Water Environment Research</i> , 2022, 94, e1681.	1.3	7
7	Basic Red 18 and Remazol Brilliant Blue R biosorption using <i>Russula brevipes</i> , <i>Agaricus augustus</i> , <i>Fomes fomentarius</i> . <i>Water Practice and Technology</i> , 2022, 17, 749-762.	1.0	9
8	Treatment of vegetable oil wastewater by a conventional activated sludge process coupled with electrocoagulation process. <i>Water Environment Research</i> , 2022, 94, e10692.	1.3	2
9	Optimization of Silica Extraction from Rice Husk Using Response Surface Methodology and Adsorption of Safranin Dye. <i>International Journal of Environmental Research</i> , 2022, 16, 1.	1.1	12
10	A hybrid process for leachate wastewater treatment: Evaporation and reverse osmosis/sequencing batch reactor. <i>Water Environment Research</i> , 2022, 94, e10717.	1.3	6
11	Catalytic efficiency of raw and hydrolyzed eggshell in the oxidation of crystal violet and dye bathing wastewater by thermally activated peroxide oxidation method. <i>Environmental Research</i> , 2022, 212, 113210.	3.7	24
12	Comparison of Cr(VI) adsorption and photocatalytic reduction efficiency using leonardite powder. <i>Chemosphere</i> , 2022, 300, 134492.	4.2	43
13	The effect of pre-treatment methods on membrane flux, COD, and total phenol removal efficiencies for membrane treatment of pistachio wastewater. <i>Journal of Environmental Management</i> , 2022, 310, 114762.	3.8	4
14	Iron Oxide Particles Loaded Activated Carbon Cloth and Comparison of Adsorption and Fenton Reaction for Efficient Cationic and Anionic Dyes Removal. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	1.1	5
15	Leonardite powder as an efficient adsorbent for cationic and anionic dyes. <i>Water Environment Research</i> , 2022, 94, e10719.	1.3	3
16	Experimental Confirmation of Antimicrobial Effects of GdYVO ₄ :Eu ³⁺ Nanoparticles. <i>Drug Development and Industrial Pharmacy</i> , 2022, , 1-12.	0.9	1
17	Adsorption of Phosphate Ions from Aqueous Solutions using Marble, Pumice, and Basalt Triple Combination. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	1.1	3
18	Iron-loaded leonardite powder for Fenton oxidation of Reactive Red 180 dye removal. <i>Environmental Science and Pollution Research</i> , 2022, 29, 77071-77080.	2.7	2

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19	Antimicrobial Effects of Nanostructured Rare-Earth-Based Orthovanadates. <i>Current Microbiology</i> , 2022, 79, .	1.0	3
20	Biosorption characteristics of methylene blue dye by two fungal biomasses. <i>International Journal of Environmental Studies</i> , 2021, 78, 365-381.	0.7	20
21	Efficient removal of dyes and proteins by nitrogen-doped porous graphene blended polyethersulfone nanocomposite membranes. <i>Chemosphere</i> , 2021, 263, 127892.	4.2	58
22	Water recovery from textile bath wastewater using combined subcritical water oxidation and nanofiltration. <i>Journal of Cleaner Production</i> , 2021, 290, 125207.	4.6	22
23	Fabrication of basalt embedded composite fiber membrane using electrospinning method and response surface methodology. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50599.	1.3	9
24	Green synthesis of zero valent iron nanoparticles using <i>Verbascum thapsus</i> and its Cr (VI) reduction activity. <i>Bioresource Technology Reports</i> , 2021, 13, 100637.	1.5	8
25	The use of basalt powder as a natural heterogeneous catalyst in the Fenton and Photo-Fenton oxidation of cationic dyes. <i>Advanced Powder Technology</i> , 2021, 32, 1264-1275.	2.0	24
26	Investigation of sesame processing wastewater treatment with combined electrochemical and membrane processes. <i>Water Science and Technology</i> , 2021, 84, 2652-2660.	1.2	6
27	Preparation of catalytic polyether sulfone coated ceramic membrane for reduction of hexavalent chromium. <i>Journal of Water Process Engineering</i> , 2021, 40, 101946.	2.6	2
28	Polyethersulfone membranes modified with CZTS nanoparticles for protein and dye separation: Improvement of antifouling and self-cleaning performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126230.	2.3	22
29	Preparation of composite polyethersulfone membrane containing basalt powder and optimization of the parameters using response surface methodology. <i>Environmental Technology (United Kingdom)</i> , 2021, , 1-11.	1.2	0
30	Membrane concentrate management for textile wastewater with thermally activated persulfate oxidation method. <i>Water and Environment Journal</i> , 2021, 35, 1281-1292.	1.0	12
31	Optimization of the electrochemical oxidation of textile wastewater by graphite electrodes by response surface methodology and artificial neural network. <i>Water Science and Technology</i> , 2021, 84, 1245-1256.	1.2	22
32	Efficient removal of ammoniacal nitrogen from textile printing wastewater by electro-oxidation considering the effects of NaCl and NaOCl addition. <i>Water Science and Technology</i> , 2021, 84, 752-762.	1.2	6
33	Investigation of the usage potential of calcium alginate beads functionalized with sodium dodecyl sulfate for wastewater treatment contaminated with waste motor oil. <i>Water Environment Research</i> , 2021, 93, 2623-2636.	1.3	7
34	Photocatalytic activity of (Er ₂ O ₃) _x (Yb ₂ O ₃) _y (Bi ₂ O ₃) _{1-x-y} ternary compounds used as heterogeneous semiconductor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 271, 115250.	1.7	2
35	Potato Processing Wastewater Treatment Using a Combined Process of Chemical Coagulation and Membrane Filtration. <i>Clean - Soil, Air, Water</i> , 2021, 49, 2100017.	0.7	10
36	Investigation of the antifouling properties of polyethersulfone ultrafiltration membranes by blending of boron nitride quantum dots. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111867.	2.5	17

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37	Remazol Brilliant Blue R (RBBR) dye and phosphate adsorption by calcium alginate beads modified with polyethyleneimine. <i>Water Environment Research</i> , 2021, 93, 2780-2794.	1.3	10
38	Preparation of ZnO nanorods or SiO ₂ nanoparticles grafted onto basalt ceramic membrane and the use for E. coli removal from water. <i>Ceramics International</i> , 2021, 47, 27710-27717.	2.3	7
39	Adsorption studies of ammonia and phosphate ions onto calcium alginate beads. <i>Surfaces and Interfaces</i> , 2021, 26, 101330.	1.5	24
40	The surface modification of ultrafiltration membrane with silver nanoparticles using <i>Verbascum thapsus</i> leaf extract using green synthesis phenomena. <i>Surfaces and Interfaces</i> , 2021, 26, 101291.	1.5	13
41	Enhancing biogas production of anaerobic co-digestion of industrial waste and municipal sewage sludge with mechanical, chemical, thermal, and hybrid pretreatment. <i>Bioresource Technology</i> , 2021, 340, 125688.	4.8	28
42	Biosorption of cationic and anionic dyes using the biomass of <i>Aspergillus parasiticus</i> CBS 100926T. <i>Water Science and Technology</i> , 2021, 83, 622-630.	1.2	6
43	Green synthesis of <i>Quercus coccifera</i> hydrochar in subcritical water medium and evaluation of its adsorption performance for BR18 dye. <i>Water Science and Technology</i> , 2021, 83, 701-714.	1.2	27
44	Effective Treatment of Chocolate Industry Effluent Using Waste from Biocosmetic Industry. <i>Clean - Soil, Air, Water</i> , 2021, 49, 2100033.	0.7	0
45	Recycling of TiO ₂ -containing waste and utilization by photocatalytic degradation of a reactive dye solution. <i>Water Science and Technology</i> , 2021, 83, 1242-1249.	1.2	11
46	Green production of hydrochar nut group from waste materials in subcritical water medium and investigation of their adsorption performance for crystal violet. <i>Water Environment Research</i> , 2021, 93, 3075-3089.	1.3	15
47	Investigation of plasticizer production industry wastewater treatability using pressure-driven membrane process. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 1994-2007.	1.0	5
48	The Use of <i>Verbascum Thapsus L.</i> as a Biomembrane for Activated Sludge Filtration. <i>Avicenna Journal of Environmental Health Engineering</i> , 2021, 8, 102-109.	0.3	0
49	Electrocoagulation and electrooxidation pre-treatment effect on fungal treatment of pistachio processing wastewater. <i>Chemosphere</i> , 2020, 244, 125383.	4.2	32
50	Combined natural/chemical coagulation and membrane filtration for wood processing wastewater treatment. <i>Journal of Water Process Engineering</i> , 2020, 37, 101521.	2.6	34
51	Preparation of multilayer polyelectrolyte ceramic membrane for water disinfection. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 3207-3215.	1.0	2
52	Production of Bio-Based Pigments from Food Processing Industry By-Products (Apple, Pomegranate, etc.) <i>Journal of Environmental Health Engineering</i> , 2020, 6, 240.	1.5	29
53	Synthesis and characterization of bismuth oxide ternary compounds for photocatalytic decolorization of BR 18. <i>Materials Letters</i> , 2020, 275, 128086.	1.3	5
54	Preparation of a Zirconia-Based Ceramic Membrane and Its Application for Drinking Water Treatment. <i>Symmetry</i> , 2020, 12, 933.	1.1	20

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55	The Investigation of Organic Binder Effect on Morphological Structure of Ceramic Membrane Support. <i>Symmetry</i> , 2020, 12, 770.	1.1	13
56	Electrochemical Treatment of Textile Dye Bath Wastewater Using Activated Carbon Cloth Electrodes. <i>Avicenna Journal of Environmental Health Engineering</i> , 2020, 7, 47-52.	0.3	5
57	Electrospun cellulose nanofibers for superhydrophobic and oleophobic membranes. <i>Journal of Membrane Science</i> , 2019, 590, 117271.	4.1	80
58	Adsorption and Fenton oxidation of azo dyes by magnetite nanoparticles deposited on a glass substrate. <i>Journal of Water Process Engineering</i> , 2019, 32, 100897.	2.6	39
59	Bioactive ultrafiltration membrane manufactured from <i>Aspergillus carbonarius</i> M333 filamentous fungi for treatment of real textile wastewater. <i>Bioresource Technology Reports</i> , 2019, 5, 212-219.	1.5	27
60	Photocatalytic effect of zinc oxide and magnetite entrapped calcium alginate beads for azo dye and hexavalent chromium removal from solutions. <i>Journal of Water Process Engineering</i> , 2019, 31, 100826.	2.6	38
61	Photocatalytic oxidation of azo dye solutions by impregnation of ZnO on fungi. <i>Biochemical Engineering Journal</i> , 2019, 146, 150-159.	1.8	38
62	Entrapment of TiO ₂ and ZnO powders in alginate beads: Photocatalytic and reuse efficiencies for dye solutions and toxicity effect for DNA damage. <i>Environmental Technology and Innovation</i> , 2019, 14, 100358.	3.0	31
63	Sono-assisted electrocoagulation and cross-flow membrane processes for brewery wastewater treatment. <i>Journal of Water Process Engineering</i> , 2018, 21, 52-60.	2.6	58
64	Filtration and Antibacterial Properties of Bacterial Cellulose Membranes for Textile Wastewater Treatment. <i>Avicenna Journal of Environmental Health Engineering</i> , 2018, 5, 106-114.	0.3	16
65	Combination of photocatalytic and membrane distillation hybrid processes for reactive dyes treatment. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2743-2751.	1.2	40
66	Influence of nanoparticles on filterability of fruit-juice industry wastewater using submerged membrane bioreactor. <i>Water Science and Technology</i> , 2017, 76, 705-711.	1.2	17
67	Pyrolysis of commingled waste textile fibers in a batch reactor: Analysis of the pyrolysis gases and solid product. <i>International Journal of Green Energy</i> , 2017, 14, 289-294.	2.1	20
68	Combined process of electrocoagulation and photocatalytic degradation for the treatment of olive washing wastewater. <i>Water Science and Technology</i> , 2017, 75, 141-154.	1.2	16
69	Synthesis and performance of antifouling and self-cleaning polyethersulfone/graphene oxide composite membrane functionalized with photoactive semiconductor catalyst. <i>Water Science and Technology</i> , 2017, 75, 670-685.	1.2	13
70	Treatment of Dairy Industry Cleaning-in-Place Wastewater by Electrocoagulation Supported with Immersed Membrane Process. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600654.	0.7	6
71	The adsorption and Fenton behavior of iron rich Terra Rosa soil for removal of aqueous anthraquinone dye solutions: kinetic and thermodynamic studies. <i>Water Science and Technology</i> , 2017, 76, 3114-3125.	1.2	16
72	Particle size distribution analysis of chemically enhanced two-phase membrane filtration for olive mill effluents. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 749-756.	1.6	7

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73	Preparation, characterization and comparison of antibacterial property of polyethersulfone composite membrane containing zerovalent iron or magnetite nanoparticles. Membrane Water Treatment, 2017, 8, 51-71.	0.5	7
74	Degradation Efficiency of Textile and Wood Processing Industry Wastewater by Photocatalytic Process Using In Situ Ultrafiltration Membrane. Clean - Soil, Air, Water, 2016, 44, 224-231.	0.7	17
75	Electrocoagulation and nanofiltration integrated process application in purification of bilge water using response surface methodology. Water Science and Technology, 2016, 74, 564-579.	1.2	28
76	Degradation of Recalcitrant Textile Dyes by Coupling Fungal and Photocatalytic Membrane Reactors. Clean - Soil, Air, Water, 2016, 44, 1345-1351.	0.7	11
77	Investigation of Electroactive and Antibacterial Properties of Polyethersulfone Membranes Blended With Copper Nanoparticles. Clean - Soil, Air, Water, 2016, 44, 930-937.	0.7	9
78	Comparative study of the removal of nickel(II) and chromium(VI) heavy metals from metal plating wastewater by two nanofiltration membranes. Desalination and Water Treatment, 2016, 57, 21870-21880.	1.0	41
79	Integrated process of fungal membrane bioreactor and photocatalytic membrane reactor for the treatment of industrial textile wastewater. Biochemical Engineering Journal, 2016, 105, 420-427.	1.8	38
80	Correlation of Filtration Resistance with Microbial Polymeric Substances Extracted from Membranes in a Submerged Membrane Bioreactor. Clean - Soil, Air, Water, 2014, 42, 1712-1720.	0.7	2
81	Production of bio-hydrogen from bulgur processing industry wastewater. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-14.	1.2	8
82	Synthesis of Rhombic Dodecahedral Cuprous Oxide Nanoparticles and Investigation of Biological Activity. BioNanoScience, 0, , .	1.5	0
83	Iron Oxide Nanoparticles Synthesis From Vermicomposting Leachate and its Antioxidant Activities. Frontiers in Materials, 0, 9, .	1.2	8