

Mehmet Dogan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

6,225
citations

42
h-index

78
g-index

99
ext. papers

6,619
ext. citations

5.5
avg, IF

5.85
L-index

#	Paper	IF	Citations
96	Thermal and kinetic properties of poly(vinylacetate)/modified MWCNT nanocomposites. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021 , 29, 475-485	1.8	4
95	Microwave-assisted cross-coupling synthesis of aryl functionalized MWCNTs and investigation of hydrogen storage properties. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021 , 29, 899-906	1.8	2
94	Characterization and thermal properties of chitosan/perlite nanocomposites. <i>International Journal of Materials Research</i> , 2021 , 112, 405-414	0.5	1
93	Characterization of Activated Carbons Prepared from Almond Shells and Their Hydrogen Storage Properties. <i>Energy & Fuels</i> , 2021 , 35, 10227-10240	4.1	4
92	Effect of sodium dodecyl sulfate on thermal properties of polyvinyl alcohol (PVA)/modified single-walled carbon nanotube (SWCNT) nanocomposites. <i>Diamond and Related Materials</i> , 2021 , 115, 108359	3.5	3
91	Mesoporous carbon spheres produced by hydrothermal carbonization from rice husk: Optimization, characterization and hydrogen storage. <i>Advanced Powder Technology</i> , 2021 ,	4.6	1
90	Different functional groups functionalized hexagonal boron nitride (h-BN) nanoparticles and multi-walled carbon nanotubes (MWCNT) for hydrogen storage. <i>Fuel</i> , 2021 , 303, 121335	7.1	14
89	Multi walled carbon nanotubes functionalized by hydroxyl and Schiff base and their hydrogen storage properties. <i>Diamond and Related Materials</i> , 2021 , 120, 108604	3.5	2
88	The effects on antioxidant enzymes of PMMA/hydroxyapatite nanocomposites/composites. <i>Enzyme and Microbial Technology</i> , 2020 , 142, 109676	3.8	5
87	Activated carbon synthesis from tangerine peel and its use in hydrogen storage. <i>Journal of the Energy Institute</i> , 2020 , 93, 2176-2185	5.7	29
86	Synthesis, characterization, and their some chemical and biological properties of PVA/PAA/nPS hydrogel nanocomposites: Hydrogel and wound dressing. <i>Journal of Bioactive and Compatible Polymers</i> , 2020 , 35, 203-215	2	1
85	Characterization and thermal kinetic analysis of PMMA/modified-MWCNT nanocomposites. <i>Diamond and Related Materials</i> , 2020 , 108, 107950	3.5	13
84	Deep eutectic solvent based liquid phase microextraction of nickel at trace level as its diethyldithiocarbamate chelate from environmental samples. <i>Microchemical Journal</i> , 2019 , 145, 745-750 ^{4.8}	4.8	36
83	Biological properties of PMMA/nHAp and PMMA/3-APT-nHAp nanocomposites. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018 , 67, 783-791	3	9
82	Characterization, adsorption, and electrokinetic properties of modified sepiolite. <i>Desalination and Water Treatment</i> , 2016 , 57, 19248-19261		6
81	Supramolecular solvent microextraction of Sudan blue II in environmental samples prior to its spectrophotometric determination. <i>International Journal of Environmental Analytical Chemistry</i> , 2016 , 96, 568-575	1.8	11
80	Solid-Phase Extraction 2015 , 1571-1594		2

79	Characterization and Some Properties of Poly(vinyl chloride)/Sepiolite Nanocomposites. <i>Advances in Polymer Technology</i> , 2013 , 32, E65-E82	1.9	27
78	Preparation and characterization of poly(vinylalcohol)/modified bentonite nanocomposites. <i>Microporous and Mesoporous Materials</i> , 2013 , 174, 144-153	5.3	26
77	Characterization and inhibition of Rosmarinus officinalis L. polyphenoloxidase. <i>European Food Research and Technology</i> , 2011 , 233, 293-301	3.4	10
76	Poly(vinyl chloride)/Kaolinite Nanocomposites: Characterization and Thermal and Optical Properties. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 1503-1513	3.9	70
75	Removal of Reactive Blue 221 by Kaolinite from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 1534-1540	3.9	27
74	Kinetic analysis of reactive blue 221 adsorption on kaolinite. <i>Desalination</i> , 2010 , 256, 154-165	10.3	66
73	Adsorption of methylene blue onto hazelnut shell: Kinetics, mechanism and activation parameters. <i>Journal of Hazardous Materials</i> , 2009 , 164, 172-81	12.8	423
72	Characterization of biosorption process of As(III) on green algae Ulothrix cylindricum. <i>Journal of Hazardous Materials</i> , 2009 , 165, 566-72	12.8	127
71	Adsorption kinetics of maxilon yellow 4GL and maxilon red GRL dyes on kaolinite. <i>Journal of Hazardous Materials</i> , 2009 , 165, 1142-51	12.8	83
70	Removal of cationic dyes by kaolinite. <i>Microporous and Mesoporous Materials</i> , 2009 , 122, 20-27	5.3	39
69	Adsorption of copper (II) ions onto sepiolite and electrokinetic properties. <i>Desalination</i> , 2009 , 238, 257-270	10.3	42
68	Inhibition kinetic and mechanism of polyphenol oxidase from various sources by diethyldithiocarbamic acid. <i>International Journal of Food Science and Technology</i> , 2008 , 43, 1316-1322	3.8	3
67	Characterization and Adsorption Properties of Chemically Modified Sepiolite. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 1883-1895	3.9	46
66	Biosorption of Methylene Blue from Aqueous Solutions by Hazelnut Shells: Equilibrium, Parameters and Isotherms. <i>Water, Air, and Soil Pollution</i> , 2008 , 192, 141-153	2.6	79
65	Removal of copper ions from aqueous solutions by hazelnut shell. <i>Journal of Hazardous Materials</i> , 2008 , 153, 677-84	12.8	42
64	Removal of copper ions from aqueous solutions by kaolinite and batch design. <i>Journal of Hazardous Materials</i> , 2008 , 153, 867-76	12.8	68
63	Functionalized sepiolite for heavy metal ions adsorption. <i>Desalination</i> , 2008 , 230, 248-268	10.3	105
62	Adsorption kinetics and mechanism of cationic methyl violet and methylene blue dyes onto sepiolite. <i>Dyes and Pigments</i> , 2007 , 75, 701-713	4.6	460

61	Matrix elimination method for the determination of precious metals in ores using electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2007 , 587, 272-80	6.6	23
60	Adsorption kinetics and thermodynamics of an anionic dye onto sepiolite. <i>Microporous and Mesoporous Materials</i> , 2007 , 101, 388-396	5.3	192
59	Variations of peroxidase activity among <i>Salvia</i> species. <i>Journal of Food Engineering</i> , 2007 , 79, 375-382	6	21
58	Uptake of trivalent chromium ions from aqueous solutions using kaolinite. <i>Journal of Hazardous Materials</i> , 2007 , 148, 56-63	12.8	51
57	Electrokinetic and adsorption properties of sepiolite modified by 3-aminopropyltriethoxysilane. <i>Journal of Hazardous Materials</i> , 2007 , 149, 650-6	12.8	47
56	Inhibition kinetics of polyphenol oxidase by glutamic acid. <i>European Food Research and Technology</i> , 2007 , 225, 67-73	3.4	15
55	Partial characterization of peroxidase from the leaves of thymbra plant (<i>Thymbra spicata</i> L. var. <i>spicata</i>). <i>European Food Research and Technology</i> , 2007 , 225, 865-871	3.4	17
54	Cloud point extraction procedure for flame atomic absorption spectrometric determination of lead(II) in sediment and water samples. <i>Mikrochimica Acta</i> , 2007 , 157, 193-199	5.8	57
53	Adsorption kinetics of maxilon blue GRL onto sepiolite from aqueous solutions. <i>Chemical Engineering Journal</i> , 2006 , 124, 89-101	14.7	255
52	Some kinetic properties of polyphenol oxidase from <i>Thymbra spicata</i> L. var. <i>spicata</i> . <i>Process Biochemistry</i> , 2006 , 41, 2379-2385	4.8	16
51	Speciation of Cr(III) and Cr(VI) in environmental samples by solid phase extraction on Ambersorb 563 resin. <i>Journal of Hazardous Materials</i> , 2006 , 136, 579-84	12.8	45
50	Recovery and pre-concentration of gold onto poly((N-(Hydroxymethyl)methacrylamide)- <i>l</i> -allyl-2-thiourea) hydrogels synthesized by gamma radiation. <i>Microchemical Journal</i> , 2006 , 84, 80-87	4.8	19
49	Surface properties of bovine serum albumin adsorbed oxides: Adsorption, adsorption kinetics and electrokinetic properties. <i>Microporous and Mesoporous Materials</i> , 2006 , 96, 331-340	5.3	51
48	Adsorption of cationic dyes from aqueous solutions by sepiolite. <i>Microporous and Mesoporous Materials</i> , 2006 , 96, 419-427	5.3	130
47	Purification and characterization of <i>Ocimum basilicum</i> L. polyphenol oxidase. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 10224-30	5.7	21
46	Adsorption of CTAB onto perlite samples from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2005 , 291, 309-18	9.3	84
45	Comparison of freshwater biofilms grown on polycarbonate substrata in Lake Velence (Hungary) and Lake Mogan (Turkey). <i>Microchemical Journal</i> , 2005 , 79, 145-148	4.8	11
44	Electrokinetic properties of kaolinite in mono- and multivalent electrolyte solutions. <i>Microporous and Mesoporous Materials</i> , 2005 , 83, 51-59	5.3	109

43	New poly(N-(hydroxymethyl)methacrylamide- α -allyl-2-thiourea) hydrogels prepared by radiation-induced polymerisation: Selective adsorption, recovery and pre-concentration of Pt(II) and Pd(II). <i>Analytica Chimica Acta</i> , 2005 , 553, 73-82	6.6	46
42	Zeta potentials of perlite samples in various electrolyte and surfactant media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 259, 155-166	5.1	33
41	Removal of reactive blue 221 and acid blue 62 anionic dyes from aqueous solutions by sepiolite. <i>Dyes and Pigments</i> , 2005 , 65, 251-259	4.6	133
40	Electrokinetic properties of sepiolite suspensions in different electrolyte media. <i>Journal of Colloid and Interface Science</i> , 2005 , 281, 240-8	9.3	85
39	Determination of kinetic properties of polyphenol oxidase from <i>Thymus</i> (<i>Thymus longicaulis</i> subsp. <i>chaubardii</i> var. <i>chaubardii</i>). <i>Food Chemistry</i> , 2004 , 88, 69-77	8.5	69
38	Speciation analysis of inorganic Sb(III) and Sb(V) ions by using mini column filled with Amberlite XAD-8 resin. <i>Analytica Chimica Acta</i> , 2004 , 505, 37-41	6.6	53
37	Sorption of acid red 57 from aqueous solution onto sepiolite. <i>Journal of Hazardous Materials</i> , 2004 , 116, 135-45	12.8	224
36	Dissolution Kinetics and Mechanism of Ulexite in Oxalic Acid Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2004 , 43, 1591-1598	3.9	25
35	Column Solid Phase Extraction of Copper, Iron, and Zinc Ions at Trace Levels in Environmental Samples on Amberlite XAD-7 for Their Flame Atomic Absorption Spectrometric Determinations. <i>Analytical Letters</i> , 2004 , 37, 1185-1201	2.2	20
34	Kinetics and mechanism of removal of methylene blue by adsorption onto perlite. <i>Journal of Hazardous Materials</i> , 2004 , 109, 141-8	12.8	364
33	Trace Heavy Metal Levels in Street Dust Samples from Yozgat City Center, Turkey. <i>Instrumentation Science and Technology</i> , 2003 , 21, 351-361		38
32	The Investigation of Trace Heavy Metal Concentrations in the Street Dust Samples Collected from Kayseri, Turkey. <i>Instrumentation Science and Technology</i> , 2003 , 21, 713-720		14
31	Determination of Trace Elements of Some Textiles by Atomic Absorption Spectrometry. <i>Instrumentation Science and Technology</i> , 2003 , 21, 389-396		17
30	Speciation of antimony using chromosorb 102 resin as a retention medium. <i>Analytical Sciences</i> , 2003 , 19, 259-64	1.7	35
29	Removal of methyl violet from aqueous solution by perlite. <i>Journal of Colloid and Interface Science</i> , 2003 , 267, 32-41	9.3	164
28	Preparation of a Chelating Resin by Immobilizing 1-(2-Pyridylazo) 2-Naphtol on Amberlite XAD-16 and Its Application of Solid Phase Extraction of Ni(II), Cd(II), Co(II), Cu(II), Pb(II), and Cr(III) in Natural Water Samples. <i>Analytical Letters</i> , 2003 , 36, 641-658	2.2	100
27	Adsorption kinetics of methyl violet onto perlite. <i>Chemosphere</i> , 2003 , 50, 517-28	8.4	306
26	Application of Total Reflection X-Ray Fluorescence Spectrometry in the Textile Industry. <i>Mikrochimica Acta</i> , 2002 , 138, 77-82	5.8	17

25	The Removal of Victoria Blue from Aqueous Solution by Adsorption on a Low-Cost Material. <i>Adsorption</i> , 2002 , 8, 341-349	2.6	88
24	Determination of Trace Metal Ions in SeaWater by Atomic Absorption Spectrometry After Separation/Preconcentration with Calmagite on Amberlite Xad-1180. <i>International Journal of Environmental Analytical Chemistry</i> , 2002 , 82, 225-231	1.8	27
23	ON-LINE PRECONCENTRATION SYSTEM FOR DETERMINATION OF LEAD IN WATER AND SEDIMENT SAMPLES BY FLOW INJECTION-FLAME ATOMIC ABSORPTION SPECTROMETRY. <i>Analytical Letters</i> , 2002 , 35, 487-499	2.2	34
22	DETERMINATION OF SOME TRACE ELEMENTS IN MINERAL SPRING WATERS BY TOTAL REFLECTION X-RAY FLUORESCENCE SPECTROMETRY (TXRF). <i>Instrumentation Science and Technology</i> , 2002 , 20, 261-268		13
21	DETERMINATION OF Cu, Fe, Ni, Co, Pb, Cd, Mn, AND Cr IN NATURAL WATER SAMPLES AFTER SOLID PHASE EXTRACTION ON CHROMOSORB 102. <i>Analytical Letters</i> , 2002 , 35, 2603-2616	2.2	18
20	SOLID PHASE EXTRACTION OF SOME METAL IONS ON DIAION-20 RESIN PRIOR TO FLAME ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. <i>Instrumentation Science and Technology</i> , 2002 , 20, 15-27		19
19	SPECIATION OF Cr(III) AND Cr(VI) IN TANNERY WASTEWATER AND SEDIMENT SAMPLES ON AMBERSORB 563 RESIN*. <i>Analytical Letters</i> , 2002 , 35, 1437-1452	2.2	91
18	Adsorption of Copper(II) onto Perlite. <i>Journal of Colloid and Interface Science</i> , 2001 , 243, 280-291	9.3	158
17	SOLID PHASE EXTRACTION OF TRACE METAL IONS WITH AMBERLITE XAD RESINS PRIOR TO ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. <i>Instrumentation Science and Technology</i> , 2001 , 19, 329-344		81
16	SEPARATION AND ENRICHMENT OF CHROMIUM, COPPER, NICKEL AND LEAD IN SURFACE SEAWATER SAMPLES ON A COLUMN FILLED WITH AMBERLITE XAD-2000. <i>Analytical Letters</i> , 2001 , 34, 1935-1947	2.2	85
15	Adsorption of Methylene Blue from Aqueous Solution onto Perlite. <i>Water, Air, and Soil Pollution</i> , 2000 , 120, 229-248	2.6	237
14	Dissolution Kinetics of Ulexite in Aqueous Edta Solutions. <i>Canadian Metallurgical Quarterly</i> , 2000 , 39, 433-440	0.9	16
13	Determination of trace metal ions by AAS in natural water samples after preconcentration of pyrocatechol violet complexes on an activated carbon column. <i>Talanta</i> , 2000 , 52, 1041-6	6.2	189
12	A Sorbent Extraction Procedure for the Preconcentration of Gold, Silver and Palladium on an Activated Carbon Column. <i>Analytical Letters</i> , 2000 , 33, 513-525	2.2	96
11	Trace Enrichment and Atomic Absorption Spectrometric Determination of Lead, Copper, Cadmium and Nickel in Drinking Water Samples by Use of an Activated Carbon Column. <i>Analytical Letters</i> , 1997 , 30, 2801-2810	2.2	83
10	Electrokinetic Properties of Perlite. <i>Journal of Colloid and Interface Science</i> , 1997 , 192, 114-118	9.3	70
9	Spectrophotometric determination of trace amounts of tungsten in geological samples after preconcentration on Amberlite XAD-1180. <i>Talanta</i> , 1995 , 42, 1513-7	6.2	39
8	Spectrophotometric determination of gold and palladium in anode slimes after separation with Amberlite XAD-7 resin. <i>Analytica Chimica Acta</i> , 1994 , 293, 319-324	6.6	20

7	Determinations of Some Trace Metals in Dialysis Solutions by Atomic Absorption Spectrometry After Preconcentration. <i>Analytical Letters</i> , 1993 , 26, 1997-2007	2.2	56
6	Composition and sources of atmospheric particulate matter at Kayseri, central Turkey. <i>Science of the Total Environment</i> , 1993 , 133, 83-97	10.2	7
5	Background suppression of Ar lines in glow discharge atomic emission spectrometry by a lock-in amplifier and Kalman filter deconvolution. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1993 , 48, 65-78	3.1	3
4	Spectrochemical Determination of Some Elements in Zinc Samples Using Glow Discharge Lamp. <i>Analytical Letters</i> , 1990 , 23, 1897-1906	2.2	
3	Effect of modification on thermal stabilities and thermal degradation kinetics of poly(buthylmethacrylate)/multi-walled carbon nanotube nanocomposites. <i>Plastics, Rubber and Composites</i> ,1-10	1.5	
2	Synthesis and characterization of poly(acrylic acid)/nanohydroxyapatite nanocomposite hydrogels and evaluation of its antibacterial, bio- and hemo-compatibility characteristics. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> ,1-12	3	
1	Antibacterial and antioxidant phenolic compounds loaded PCL biocomposites for active food packaging application. <i>Journal of Applied Polymer Science</i> ,52423	2.9	2