

# Mehmet Dogan

## List of Publications by Citations

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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	Adsorption kinetics and mechanism of cationic methyl violet and methylene blue dyes onto sepiolite. <i>Dyes and Pigments</i> , <b>2007</b> , 75, 701-713	4.6	460
95	Adsorption of methylene blue onto hazelnut shell: Kinetics, mechanism and activation parameters. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 164, 172-81	12.8	423
94	Kinetics and mechanism of removal of methylene blue by adsorption onto perlite. <i>Journal of Hazardous Materials</i> , <b>2004</b> , 109, 141-8	12.8	364
93	Adsorption kinetics of methyl violet onto perlite. <i>Chemosphere</i> , <b>2003</b> , 50, 517-28	8.4	306
92	Adsorption kinetics of maxilon blue GRL onto sepiolite from aqueous solutions. <i>Chemical Engineering Journal</i> , <b>2006</b> , 124, 89-101	14.7	255
91	Adsorption of Methylene Blue from Aqueous Solution onto Perlite. <i>Water, Air, and Soil Pollution</i> , <b>2000</b> , 120, 229-248	2.6	237
90	Sorption of acid red 57 from aqueous solution onto sepiolite. <i>Journal of Hazardous Materials</i> , <b>2004</b> , 116, 135-45	12.8	224
89	Adsorption kinetics and thermodynamics of an anionic dye onto sepiolite. <i>Microporous and Mesoporous Materials</i> , <b>2007</b> , 101, 388-396	5.3	192
88	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> , <b>2000</b> , 52, 1041-6	6.2	189
87	Removal of methyl violet from aqueous solution by perlite. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 267, 32-41	9.3	164
86	Adsorption of Copper(II) onto Perlite. <i>Journal of Colloid and Interface Science</i> , <b>2001</b> , 243, 280-291	9.3	158
85	Removal of reactive blue 221 and acid blue 62 anionic dyes from aqueous solutions by sepiolite. <i>Dyes and Pigments</i> , <b>2005</b> , 65, 251-259	4.6	133
84	Adsorption of cationic dyes from aqueous solutions by sepiolite. <i>Microporous and Mesoporous Materials</i> , <b>2006</b> , 96, 419-427	5.3	130
83	Characterization of biosorption process of As(III) on green algae <i>Ulothrix cylindricum</i> . <i>Journal of Hazardous Materials</i> , <b>2009</b> , 165, 566-72	12.8	127
82	Electrokinetic properties of kaolinite in mono- and multivalent electrolyte solutions. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 83, 51-59	5.3	109
81	Functionalized sepiolite for heavy metal ions adsorption. <i>Desalination</i> , <b>2008</b> , 230, 248-268	10.3	105
80	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> , <b>2003</b> , 36, 641-658	2.2	100

79	A Sorbent Extraction Procedure for the Preconcentration of Gold, Silver and Palladium on an Activated Carbon Column. <i>Analytical Letters</i> , <b>2000</b> , 33, 513-525	2.2	96
78	SPECIATION OF Cr(III) AND Cr(VI) IN TANNERY WASTEWATER AND SEDIMENT SAMPLES ON AMBERSORB 563 RESIN*. <i>Analytical Letters</i> , <b>2002</b> , 35, 1437-1452	2.2	91
77	The Removal of Victoria Blue from Aqueous Solution by Adsorption on a Low-Cost Material. <i>Adsorption</i> , <b>2002</b> , 8, 341-349	2.6	88
76	Electrokinetic properties of sepiolite suspensions in different electrolyte media. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 281, 240-8	9.3	85
75	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> , <b>2001</b> , 34, 1935-1947	2.2	85
74	Adsorption of CTAB onto perlite samples from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 291, 309-18	9.3	84
73	Adsorption kinetics of maxilon yellow 4GL and maxilon red GRL dyes on kaolinite. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 165, 1142-51	12.8	83
72	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> , <b>1997</b> , 30, 2801-2810	2.2	83
71	SOLID PHASE EXTRACTION OF TRACE METAL IONS WITH AMBERLITE XAD RESINS PRIOR TO ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. <i>Instrumentation Science and Technology</i> , <b>2001</b> , 19, 329-344		81
70	Biosorption of Methylene Blue from Aqueous Solutions by Hazelnut Shells: Equilibrium, Parameters and Isotherms. <i>Water, Air, and Soil Pollution</i> , <b>2008</b> , 192, 141-153	2.6	79
69	Poly(vinyl chloride)/Kaolinite Nanocomposites: Characterization and Thermal and Optical Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 1503-1513	3.9	70
68	Electrokinetic Properties of Perlite. <i>Journal of Colloid and Interface Science</i> , <b>1997</b> , 192, 114-118	9.3	70
67	Determination of kinetic properties of polyphenol oxidase from Thymus (Thymus longicaulis subsp. chaubardii var. chaubardii). <i>Food Chemistry</i> , <b>2004</b> , 88, 69-77	8.5	69
66	Removal of copper ions from aqueous solutions by kaolinite and batch design. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 153, 867-76	12.8	68
65	Kinetic analysis of reactive blue 221 adsorption on kaolinite. <i>Desalination</i> , <b>2010</b> , 256, 154-165	10.3	66
64	Cloud point extraction procedure for flame atomic absorption spectrometric determination of lead(II) in sediment and water samples. <i>Mikrochimica Acta</i> , <b>2007</b> , 157, 193-199	5.8	57
63	Determinations of Some Trace Metals in Dialysis Solutions by Atomic Absorption Spectrometry After Preconcentration. <i>Analytical Letters</i> , <b>1993</b> , 26, 1997-2007	2.2	56
62	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> , <b>2004</b> , 505, 37-41	6.6	53

61	Uptake of trivalent chromium ions from aqueous solutions using kaolinite. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 148, 56-63	12.8	51
60	Surface properties of bovine serum albumin adsorbed oxides: Adsorption, adsorption kinetics and electrokinetic properties. <i>Microporous and Mesoporous Materials</i> , <b>2006</b> , 96, 331-340	5.3	51
59	Electrokinetic and adsorption properties of sepiolite modified by 3-aminopropyltriethoxysilane. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 149, 650-6	12.8	47
58	Characterization and Adsorption Properties of Chemically Modified Sepiolite. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 1883-1895	3.9	46
57	New poly(N-(hydroxymethyl)methacrylamide-co-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> , <b>2005</b> , 553, 73-82	6.6	46
56	Speciation of Cr(III) and Cr(VI) in environmental samples by solid phase extraction on Amborsorb 563 resin. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 136, 579-84	12.8	45
55	Adsorption of copper (II) ions onto sepiolite and electrokinetic properties. <i>Desalination</i> , <b>2009</b> , 238, 257-270	10.3	42
54	Removal of copper ions from aqueous solutions by hazelnut shell. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 153, 677-84	12.8	42
53	Removal of cationic dyes by kaolinite. <i>Microporous and Mesoporous Materials</i> , <b>2009</b> , 122, 20-27	5.3	39
52	Spectrophotometric determination of trace amounts of tungsten in geological samples after preconcentration on Amberlite XAD-1180. <i>Talanta</i> , <b>1995</b> , 42, 1513-7	6.2	39
51	Trace Heavy Metal Levels in Street Dust Samples from Yozgat City Center, Turkey. <i>Instrumentation Science and Technology</i> , <b>2003</b> , 21, 351-361		38
50	Deep eutectic solvent based liquid phase microextraction of nickel at trace level as its diethyldithiocarbamate chelate from environmental samples. <i>Microchemical Journal</i> , <b>2019</b> , 145, 745-750	4.8	36
49	Speciation of antimony using chromosorb 102 resin as a retention medium. <i>Analytical Sciences</i> , <b>2003</b> , 19, 259-64	1.7	35
48	ON-LINE PRECONCENTRATION SYSTEM FOR DETERMINATION OF LEAD IN WATER AND SEDIMENT SAMPLES BY FLOW INJECTION-FLAME ATOMIC ABSORPTION SPECTROMETRY. <i>Analytical Letters</i> , <b>2002</b> , 35, 487-499	2.2	34
47	Zeta potentials of perlite samples in various electrolyte and surfactant media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 259, 155-166	5.1	33
46	Activated carbon synthesis from tangerine peel and its use in hydrogen storage. <i>Journal of the Energy Institute</i> , <b>2020</b> , 93, 2176-2185	5.7	29
45	Characterization and Some Properties of Poly(vinyl chloride)/Sepiolite Nanocomposites. <i>Advances in Polymer Technology</i> , <b>2013</b> , 32, E65-E82	1.9	27
44	Removal of Reactive Blue 221 by Kaolinite from Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 1534-1540	3.9	27

43	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> , <b>2002</b> , 82, 225-231	1.8	27
42	Preparation and characterization of poly(vinylalcohol)/modified bentonite nanocomposites. <i>Microporous and Mesoporous Materials</i> , <b>2013</b> , 174, 144-153	5.3	26
41	Dissolution Kinetics and Mechanism of Ulexite in Oxalic Acid Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2004</b> , 43, 1591-1598	3.9	25
40	Matrix elimination method for the determination of precious metals in ores using electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , <b>2007</b> , 587, 272-80	6.6	23
39	Variations of peroxidase activity among Salvia species. <i>Journal of Food Engineering</i> , <b>2007</b> , 79, 375-382	6	21
38	Purification and characterization of Ocimum basilicum L. polyphenol oxidase. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 10224-30	5.7	21
37	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> , <b>2004</b> , 37, 1185-1201	2.2	20
36	Spectrophotometric determination of gold and palladium in anode slimes after separation with Amberlite XAD-7 resin. <i>Analytica Chimica Acta</i> , <b>1994</b> , 293, 319-324	6.6	20
35	Recovery and pre-concentration of gold onto poly((N-(Hydroxymethyl)methacrylamide)- $\alpha$ -allyl-2-thiourea) hydrogels synthesized by gamma radiation. <i>Microchemical Journal</i> , <b>2006</b> , 84, 80-87	4.8	19
34	SOLID PHASE EXTRACTION OF SOME METAL IONS ON DIAION-20 RESIN PRIOR TO FLAME ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. <i>Instrumentation Science and Technology</i> , <b>2002</b> , 20, 15-27		19
33	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> , <b>2002</b> , 35, 2603-2616	2.2	18
32	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> , <b>2007</b> , 225, 865-871	3.4	17
31	Determination of Trace Elements of Some Textiles by Atomic Absorption Spectrometry. <i>Instrumentation Science and Technology</i> , <b>2003</b> , 21, 389-396		17
30	Application of Total Reflection X-Ray Fluorescence Spectrometry in the Textile Industry. <i>Mikrochimica Acta</i> , <b>2002</b> , 138, 77-82	5.8	17
29	Some kinetic properties of polyphenol oxidase from <i>Thymbra spicata</i> L. var. <i>spicata</i> . <i>Process Biochemistry</i> , <b>2006</b> , 41, 2379-2385	4.8	16
28	Dissolution Kinetics of Ulexite in Aqueous Edta Solutions. <i>Canadian Metallurgical Quarterly</i> , <b>2000</b> , 39, 433-440	0.9	16
27	Inhibition kinetics of polyphenol oxidase by glutamic acid. <i>European Food Research and Technology</i> , <b>2007</b> , 225, 67-73	3.4	15
26	The Investigation of Trace Heavy Metal Concentrations in the Street Dust Samples Collected from Kayseri, Turkey. <i>Instrumentation Science and Technology</i> , <b>2003</b> , 21, 713-720		14

25	Different functional groups functionalized hexagonal boron nitride (h-BN) nanoparticles and multi-walled carbon nanotubes (MWCNT) for hydrogen storage. <i>Fuel</i> , <b>2021</b> , 303, 121335	7.1	14
24	Characterization and thermal kinetic analysis of PMMA/modified-MWCNT nanocomposites. <i>Diamond and Related Materials</i> , <b>2020</b> , 108, 107950	3.5	13
23	DETERMINATION OF SOME TRACE ELEMENTS IN MINERAL SPRING WATERS BY TOTAL REFLECTION X-RAY FLUORESCENCE SPECTROMETRY (TXRF). <i>Instrumentation Science and Technology</i> , <b>2002</b> , 20, 261-268		13
22	Comparison of freshwater biofilms grown on polycarbonate substrata in Lake Velence (Hungary) and Lake Mogan (Turkey). <i>Microchemical Journal</i> , <b>2005</b> , 79, 145-148	4.8	11
21	Supramolecular solvent microextraction of Sudan blue II in environmental samples prior to its spectrophotometric determination. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2016</b> , 96, 568-575	1.8	11
20	Characterization and inhibition of <i>Rosmarinus officinalis</i> L. polyphenoloxidase. <i>European Food Research and Technology</i> , <b>2011</b> , 233, 293-301	3.4	10
19	Biological properties of PMMA/nHAp and PMMA/3-APT-nHAp nanocomposites. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2018</b> , 67, 783-791	3	9
18	Composition and sources of atmospheric particulate matter at Kayseri, central Turkey. <i>Science of the Total Environment</i> , <b>1993</b> , 133, 83-97	10.2	7
17	Characterization, adsorption, and electrokinetic properties of modified sepiolite. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 19248-19261		6
16	The effects on antioxidant enzymes of PMMA/hydroxyapatite nanocomposites/composites. <i>Enzyme and Microbial Technology</i> , <b>2020</b> , 142, 109676	3.8	5
15	Thermal and kinetic properties of poly(vinylacetate)/modified MWCNT nanocomposites. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2021</b> , 29, 475-485	1.8	4
14	Characterization of Activated Carbons Prepared from Almond Shells and Their Hydrogen Storage Properties. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 10227-10240	4.1	4
13	Inhibition kinetic and mechanism of polyphenol oxidase from various sources by diethyldithiocarbamic acid. <i>International Journal of Food Science and Technology</i> , <b>2008</b> , 43, 1316-1322	3.8	3
12	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> , <b>1993</b> , 48, 65-78	3.1	3
11	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> , <b>2021</b> , 115, 108359	3.5	3
10	Solid-Phase Extraction <b>2015</b> , 1571-1594		2
9	Microwave-assisted cross-coupling synthesis of aryl functionalized MWCNTs and investigation of hydrogen storage properties. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2021</b> , 29, 899-906	1.8	2
8	Multi walled carbon nanotubes functionalized by hydroxyl and Schiff base and their hydrogen storage properties. <i>Diamond and Related Materials</i> , <b>2021</b> , 120, 108604	3.5	2

7	Antibacterial and antioxidant phenolic compounds loaded PCL biocomposites for active food packaging application. <i>Journal of Applied Polymer Science</i> ,52423	2.9	2
6	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> , <b>2020</b> , 35, 203-215	2	1
5	Characterization and thermal properties of chitosan/perlite nanocomposites. <i>International Journal of Materials Research</i> , <b>2021</b> , 112, 405-414	0.5	1
4	Mesoporous carbon spheres produced by hydrothermal carbonization from rice husk: Optimization, characterization and hydrogen storage. <i>Advanced Powder Technology</i> , <b>2021</b> ,	4.6	1
3	Spectrochemical Determination of Some Elements in Zinc Samples Using Glow Discharge Lamp. <i>Analytical Letters</i> , <b>1990</b> , 23, 1897-1906	2.2	
2	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	
1	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	