Senar Aydin

List of Publications by Year
in descending order

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50 papers	1,378 citations	361413 20 h-index	345221 36 g-index
52 all docs	52 docs citations	52 times ranked	1638 citing authors

#	Article	IF	Citations
1	Antibiotics in hospital effluents: occurrence, contribution to urban wastewater, removal in a wastewater treatment plant, and environmental risk assessment. Environmental Science and Pollution Research, 2019, 26, 544-558.	5.3	154
2	Ultrasonic solvent extraction of organochlorine pesticides from soil. Analytica Chimica Acta, 2006, 559, 173-180.	5.4	108
3	Determination of selected polychlorinated biphenyls in water samples by ultrasound-assisted emulsification-microextraction and gas chromatography-mass-selective detection. Analytica Chimica Acta, 2009, 647, 182-188.	5.4	107
4	Removal of antibiotics from aqueous solution by using magnetic Fe3O4/red mud-nanoparticles. Science of the Total Environment, 2019, 670, 539-546.	8.0	85
5	Determination of polycyclic aromatic hydrocarbons in waters by ultrasound-assisted emulsification-microextraction and gas chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2010, 665, 193-199.	5.4	77
6	Application of ultrasound-assisted emulsification-micro-extraction for the analysis of organochlorine pesticides in waters. Water Research, 2009, 43, 4269-4277.	11.3	73
7	Effects of long-term irrigation with untreated municipal wastewater on soil properties and crop quality. Environmental Science and Pollution Research, 2015, 22, 19203-19212.	5.3	51
8	Removal of Cr(VI) from aqueous solution by polysulfone microcapsules containing Cyanex 923 as extraction reagent. Desalination, 2010, 259, 179-186.	8.2	50
9	Analyses of polychlorinated biphenyls in waters and wastewaters using vortexâ€assisted liquidâ€“liquid microextraction and gas chromatographyâ€mass spectrometry. Journal of Separation Science, 2011, 34, 574-584.	2.5	50
10	Polycyclic aromatic hydrocarbons, polychlorinated biphenyls and organochlorine pesticides in urban air of Konya, Turkey. Atmospheric Research, 2009, 93, 715-722.	4.1	47
11	Determination of selected polychlorinated biphenyls in soil by miniaturised ultrasonic solvent extraction and gas chromatography-mass-selective detection. Analytica Chimica Acta, 2006, 577, 232-237.	5.4	38
12	Application of miniaturised ultrasonic extraction to the analysis of organochlorine pesticides in soil. Analytica Chimica Acta, 2009, 640, 52-57.	5.4	37
13	Investigation on the Levels of Heavy Metals, Polycyclic Aromatic Hydrocarbons, and Polychlorinated Biphenyls in Sewage Sludge Samples and Ecotoxicological Testing. Clean - Soil, Air, Water, 2013, 41, 411-418.	1.1	35
14	Existence of SARS-CoV-2 RNA on ambient particulate matter samples: A nationwide study in Turkey. Science of the Total Environment, 2021, 789, 147976.	8.0	35
15	Monitoring the release of anti-inflammatory and analgesic pharmaceuticals in the receiving environment. Environmental Science and Pollution Research, 2019, 26, 36887-36902.	5.3	34
16	Pharmaceutical residues in digested sewage sludge: Occurrence, seasonal variation and risk assessment for soil. Science of the Total Environment, 2022, 817, 152864.	8.0	33
17	Degradation of Malathion and Parathion by Ozonation, Photolytic Ozonation, and Heterogeneous Catalytic Ozonation Processes. Clean - Soil, Air, Water, 2012, 40, 179-187.	1.1	29
18	Removal of lindane from an aqueous solution by using aminopropyl silica gel-immobilized calix[6]arene. Journal of Hazardous Materials, 2013, 262, 656-663.	12.4	28

#	Article	IF	Citations
19	Simple and effective removal of psychiatric pharmaceuticals from wastewater treatment plant effluents by magnetite red mud nanoparticles. Science of the Total Environment, 2021, 784, 147174.	8.0	27
20	Ultrasonic Solvent Extraction of Persistent Organic Pollutants from Airborne Particles. Clean - Soil, Air, Water, 2007, 35, 660-668.	1.1	22
21	Removal of Organophosphorus Pesticides from Aqueous Solution by Magnetic Fe₃O₄/Red Mudâ€Nanoparticles. Water Environment Research, 2016, 88, 2275-2284.	2.7	20
22	Organochlorine Pesticides in Urban Air: Concentrations, Sources, Seasonal Trends and Correlation with Meteorological Parameters. Clean - Soil, Air, Water, 2009, 37, 343-348.	1.1	19
23	Organohalogenated pollutants in raw and UHT cowâ€™s milk from Turkey: a risk assessment of dietary intake. Environmental Science and Pollution Research, 2019, 26, 12788-12797.	5.3	18
24	Fate of selected pharmaceuticals in hospital and municipal wastewater effluent: occurrence, removal, and environmental risk assessment. Environmental Science and Pollution Research, 2022, 29, 75609-75625.	5.3	18
25	Application of Magnetic Nanoparticles to Residue Analysis of Organochlorine Pesticides in Water Samples by GC/MS. Journal of AOAC INTERNATIONAL, 2012, 95, 1343-1349.	1.5	17
26	Determination of Polycyclic Aromatic Hydrocarbons in Soil by Miniaturized Ultrasonic Extraction and Gas Chromatographyâ€Mass Selective Detection. Clean - Soil, Air, Water, 2009, 37, 811-817.	1.1	16
27	Viable and Rapid Determination of Organochlorine Pesticides in Water. Clean - Soil, Air, Water, 2010, 38, 457-465.	1.1	16
28	Application of simple and low-cost toxicity tests for ecotoxicological assessment of industrial wastewaters. Environmental Technology (United Kingdom), 2015, 36, 2825-2834.	2.2	16
29	Sorption of phenol from aqueous solution by novel magnetic polysulfone microcapsules containing Cyanex 923. Reactive and Functional Polymers, 2012, 72, 451-457.	4.1	12
30	Levels of Organochlorine Pesticides and Heavy Metals in Surface Waters of Konya Closed Basin, Turkey. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	12
31	An investigation on the sorption behaviour of montmorillonite for selected organochlorine pesticides from water. Environmental Technology (United Kingdom), 2012, 33, 1239-1245.	2.2	11
32	The physical and physicochemical properties of some Turkish thermal muds and pure clay minerals and their uses in therapy. Turkish Journal of Earth Sciences, 2017, 26, 395-409.	1.0	10
33	Analysis of diclofenac in water samples using in situ derivatization-vortex-assisted liquid-liquid microextraction with gas chromatography-mass spectrometry. Acta Pharmaceutica, 2018, 68, 313-324.	2.0	10
34	Removal of Organochlorine Pesticides from Aqueous Solution by Using Neutralized Red Mud. Clean - Soil, Air, Water, 2011, 39, 972-979.	1.1	9
35	Residue levels of pesticides in nuts and risk assessment for consumers. Quality Assurance and Safety of Crops and Foods, 2019, 11, 539-548.	3.4	9
36	Levels of Organohalogenated Pollutants in Human Milk Samples from Konya City, Turkey. Clean - Soil, Air, Water, 2011, 39, 978-983.	1.1	8

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37	Chromatographic Separation and Analytic Procedure for Priority Organic Pollutants in Urban Air. Clean - Soil, Air, Water, 2008, 36, 969-977.	1.1	6
38	Antidepressants in urban wastewater treatment plant: occurrence, removal and risk assessment. Global Nest Journal, 2017, 19, 100-106.	0.1	5
39	Consequences of Heavy Metals in Water and Wastewater for the Environment and Human Health. , 2022, , 221-228.		5
40	Ultrasoundâ€Assisted Emulsificationâ€Microextraction With In Situ Derivatization and Gas Chromatographyâ€Electronâ€Capture Detection for Determination of Chlorophenols in Water. Clean - Soil, Air, Water, 2015, 43, 1143-1149.	1.1	4
41	Using n-Alkanes for Identification of Oils in Domestic Wastewaters. Environmental Technology (United Kingdom), 2005, 26, 1289-1296.	2.2	3
42	Analytical Methods for Viable and Rapid Determination of Organochlorine Pesticides in Water and Soil Samples. , 2011, , .		3
43	Development of biofilm collectors as passive samplers in sewerage systemsâ€"a novel wastewater monitoring method. Environmental Science and Pollution Research, 2020, 27, 8199-8209.	5.3	3
44	Bioaccumulation potential of In vitro regenerated plants of Ceratophyllum demersum against Chromium â€“ A lab study. Asian Journal of Agriculture and Biology, 2020, 8, 233-239.	0.8	3
45	Occurrence and Ecotoxicological Risk Assessment of Analgesics in Wastewater. Environment and Ecology Research, 2018, 6, 413-422.	0.5	2
46	Monitoring and ecological risk of illegal drugs before and after sewage treatment in an area. Environmental Monitoring and Assessment, 2022, 194, 294.	2.7	2
47	MÃ¼silaj Benzeri Ã‡evre Felaketlerini Ã–nlemede Pasif Biofilm Ã–rnekleyiciler Kullanarak Kirlilik YÃ¼kÃ¼nÃ¼n AzaltÄ±lmasÄ±. , 2021, , 105-122.		1
48	Sustainable Adopted Wastewater Treatment and Reuse in Agriculture. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 93-101.	0.2	0
49	Accumulation of Micropollutants in Aqueous Media and Sediment, A Risk Assessment for Konya Main Drainage Channel, Turkey. Advances in Intelligent Systems and Computing, 2019, , 286-295.	0.6	0
50	Hastane AtÄ±ksularÄ±nÄ±n Ekotoksikolojik Etkisinin DeÄŸerlendirilmesi. Ã–mer Halisdemir Ãœniversitesi MÃ¼hendislik Bilimleri Dergisi, 0, , .	0.5	0