

Adriana Farran

List of Publications by Year in descending order

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37
papers

1,713
citations

257101

24
h-index

329751

37
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37
all docs

37
docs citations

37
times ranked

1863
citing authors

#	ARTICLE	IF	CITATIONS
1	Sorption kinetics of polycyclic aromatic hydrocarbons removal using granular activated carbon: Intraparticle diffusion coefficients. <i>Journal of Hazardous Materials</i> , 2008, 157, 386-396.	6.5	239
2	Simultaneous phosphate and ammonium removal from aqueous solution by a hydrated aluminum oxide modified natural zeolite. <i>Chemical Engineering Journal</i> , 2015, 271, 204-213.	6.6	223
3	Phenol removal from aqueous solution by adsorption and ion exchange mechanisms onto polymeric resins. <i>Journal of Colloid and Interface Science</i> , 2009, 338, 402-409.	5.0	176
4	Kinetics of sorption of polyaromatic hydrocarbons onto granular activated carbon and Macronet hyper-cross-linked polymers (MN200). <i>Journal of Colloid and Interface Science</i> , 2007, 310, 35-46.	5.0	87
5	Determination of chlorpyrifos in air, leaves and soil from a greenhouse by gas-chromatography with nitrogen-phosphorus detection, high-performance liquid chromatography and capillary electrophoresis. <i>Journal of Chromatography A</i> , 1998, 823, 91-96.	1.8	67
6	Kinetic evaluation of phenol/aniline mixtures adsorption from aqueous solutions onto activated carbon and hypercrosslinked polymeric resin (MN200). <i>Reactive and Functional Polymers</i> , 2010, 70, 142-150.	2.0	63
7	capillary electrophoretic determination of cyanide leaching solutions from automobile catalytic converters. <i>Journal of Chromatography A</i> , 1997, 778, 397-402.	1.8	60
8	Determination of gold(I) and silver(I) cyanide in ores by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1993, 635, 127-131.	1.8	54
9	Kinetic study of acid red dye removal by activated carbon and hyper-cross-linked polymeric sorbents Macronet Hypersol MN200 and MN300. <i>Reactive and Functional Polymers</i> , 2008, 68, 718-731.	2.0	49
10	Modification of a natural zeolite with Fe(III) for simultaneous phosphate and ammonium removal from aqueous solutions. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1737-1746.	1.6	49
11	Kinetics of polycyclic aromatic hydrocarbons removal using hyper-cross-linked polymeric sorbents Macronet Hypersol MN200. <i>Reactive and Functional Polymers</i> , 2007, 67, 1515-1529.	2.0	48
12	Comparative study of high-performance liquid chromatography and micellar electrokinetic capillary chromatography applied to the analysis of different mixtures of pesticides. <i>Journal of Chromatography A</i> , 1996, 737, 109-116.	1.8	46
13	Evaluation of hyper-cross-linked polymeric sorbents (Macronet MN200 and MN300) on dye (Acid red) Tj ETQq1 1 0,784314 rgBT /Over	2.0	43
14	Application of solid-phase extraction and micellar electrokinetic capillary chromatography to the study of hydrolytic and photolytic degradation of phenoxy acid and phenylurea herbicides. <i>Journal of Chromatography A</i> , 2004, 1024, 267-274.	1.8	41
15	Phosphate removal from aqueous solution using a hybrid impregnated polymeric sorbent containing hydrated ferric oxide (HFO). <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 693-704.	1.6	40
16	Recovery of ammonium and phosphate from treated urban wastewater by using potassium clinoptilolite impregnated hydrated metal oxides as N-P-K fertilizer. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3519-3526.	3.3	38
17	Phosphate removal from aqueous solutions using a hybrid fibrous exchanger containing hydrated ferric oxide nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 388-397.	3.3	38
18	Use of different surfactants (sodium dodecyl sulfate, bile salts and ionic polymers) in micellar electrokinetic capillary chromatography application to the separation of organophosphorus pesticides. <i>Journal of Chromatography A</i> , 1997, 778, 201-205.	1.8	28

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19	Accumulation and distribution of hydrocarbons, polychlorobiphenyls, and DDT in tissues of three species of Anatis from the Ebro Delta (Spain). <i>Archives of Environmental Contamination and Toxicology</i> , 1987, 16, 563-572.	2.1	27
20	Evaluation of polyaromatic hydrocarbon removal from aqueous solutions using activated carbon and hypercrosslinked polymer (Macronet MN200). <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 236-245.	1.6	27
21	Use of nutrient-enriched zeolite (NEZ) from urban wastewaters in amended soils: Evaluation of plant availability of mineral elements. <i>Science of the Total Environment</i> , 2020, 727, 138646.	3.9	27
22	Evaluating Binary Sorption of Phenol/Aniline from Aqueous Solutions onto Granular Activated Carbon and Hypercrosslinked Polymeric Resin (MN200). <i>Water, Air, and Soil Pollution</i> , 2010, 210, 421-434.	1.1	25
23	Valorisation of N and P from waste water by using natural reactive hybrid sorbents: Nutrients (N,P,K) release evaluation in amended soils by dynamic experiments. <i>Science of the Total Environment</i> , 2018, 612, 728-738.	3.9	25
24	On-line continuous-flow extraction system in liquid chromatography with ultraviolet and mass spectrometric detection for the determination of selected organic pollutants. <i>Analytica Chimica Acta</i> , 1990, 234, 119-126.	2.6	24
25	Effect of aliphatic alcohols as mobile phase modifiers on separation of phenylurea and phenoxyalkyl acid herbicides by micellar electrokinetic capillary chromatography. <i>Analytica Chimica Acta</i> , 1995, 317, 181-188.	2.6	24
26	Determination of metal cyanide complexes in gold processing solutions by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 767, 319-324.	1.8	24
27	Three different approaches for the separation of MCPA and 2,4-D by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1999, 835, 209-215.	1.8	23
28	Simultaneous nutrients (N,P) removal by using a hybrid inorganic sorbent impregnated with hydrated manganese oxide. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1516-1525.	3.3	17
29	Experimental designs and response surface modeling applied for the optimization of metal-cyanide complexes analysis by capillary electrophoresis. <i>Electrophoresis</i> , 1999, 20, 3381-3387.	1.3	16
30	Continuous-flow extraction of organophosphorus pesticides coupled on-line with high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 1988, 212, 123-131.	2.6	14
31	Study of the behaviour of azinphos-methyl in a clay mineral by batch and column leaching. <i>Journal of Chromatography A</i> , 2000, 869, 481-485.	1.8	11
32	Evaluation of Phenol/Aniline (Single and Binary) Removal from Aqueous Solutions onto Hyper-cross-linked Polymeric Resin (Macronet MN200) and Granular Activated Carbon in Fixed-Bed Column. <i>Water, Air, and Soil Pollution</i> , 2011, 215, 285-297.	1.1	11
33	Characterization of Azo Dye (Acid Red 14) Removal with Granular Activated Carbon: Equilibrium and Kinetic Data. <i>Solvent Extraction and Ion Exchange</i> , 2008, 26, 271-288.	0.8	9
34	Binary Fixed Bed Modeling of Phenol/Aniline Removal from Aqueous Solutions onto Hyper-Cross-Linked Resin (Macronet MN200). <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1502-1508.	1.0	7
35	Recovery of Natural Polyphenols from Spinach and Orange By-Products by Pressure-Driven Membrane Processes. <i>Membranes</i> , 2022, 12, 669.	1.4	6
36	Continuous Flow Determination of Organophosphorus Pesticides Using Solid Phase Extraction Coupled On-Line with High Performance Liquid Chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 1992, 46, 245-253.	1.8	4

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37	Prediction of the octanol-water distribution of dithiocarbamate derivatives. Reactive and Functional Polymers, 2003, 54, 17-24.	2.0	3