

Ruth Barro

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

573
citations

759055

12
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of industrial contaminants in indoor air: Part 1. Volatile organic compounds, carbonyl compounds, polycyclic aromatic hydrocarbons and polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2009, 1216, 540-566.	1.8	173
2	Sonochemical degradation of triclosan in water and wastewater. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 689-694.	3.8	89
3	Analysis of industrial contaminants in indoor air. Part 2. Emergent contaminants and pesticides. <i>Journal of Chromatography A</i> , 2009, 1216, 567-597.	1.8	65
4	Development of a sensitive methodology for the analysis of chlorobenzenes in air by combination of solid-phase extraction and headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , 2004, 1045, 189-196.	1.8	50
5	Rapid and sensitive determination of pyrethroids indoors using active sampling followed by ultrasound-assisted solvent extraction and gas chromatography. <i>Journal of Chromatography A</i> , 2006, 1111, 1-10.	1.8	35
6	Sampling and analysis of polychlorinated biphenyls in indoor air by sorbent enrichment followed by headspace solid-phase microextraction and gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1072, 99-106.	1.8	30
7	Active Sampling Followed by Solid-Phase Microextraction for the Determination of Pyrethroids in Indoor Air. <i>Journal of Chromatographic Science</i> , 2006, 44, 430-437.	0.7	25
8	Sintering reduction of herbaceous biomass when blended with woody biomass: predictive and combustion tests. <i>Fuel</i> , 2019, 239, 1115-1124.	3.4	21
9	Improving bioenergy sustainability evaluations by using soil nitrogen balance coupled with life cycle assessment: A case study for electricity generated from rye biomass. <i>Applied Energy</i> , 2016, 179, 847-863.	5.1	15
10	Quality of olive stone as a fuel: Influence of oil content on combustion process. <i>Renewable Energy</i> , 2020, 160, 374-384.	4.3	15
11	Production and composition of biomass from short rotation coppice in marginal land: A 9-year study. <i>Biomass and Bioenergy</i> , 2020, 134, 105478.	2.9	13
12	Influence of the agricultural management practices on the yield and quality of poplar biomass (a) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	2.9	12
13	A simple and fast micromethod for the analysis of polychlorinated biphenyls in air by sorbent enrichment and ultrasound-assisted solvent extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 255-260.	1.9	9
14	Effect of mechanical harvesting on the chemical composition and combustion behaviour of shrub biomass. <i>Energy</i> , 2020, 204, 117928.	4.5	7
15	Long-Term Yield and Quality Performance of Perennial Energy Grasses (<i>Agropyron</i> spp.) on Marginal Land. <i>Agronomy</i> , 2020, 10, 1051.	1.3	6
16	Nutrient Release through Litterfall in Short Rotation Poplar Crops in Mediterranean Marginal Land. <i>Forests</i> , 2021, 12, 1185.	0.9	3
17	Strategy for the Design of Waste to Energy Processes Based on Physicochemical Characterisation. <i>Waste and Biomass Valorization</i> , 2020, 11, 2961-2971.	1.8	2
18	Life Cycle Assessment and Soil Nitrogen Balance of Different N Fertilizers for Top Dressing Rye as Energy Crop for Electricity Generation. <i>Agronomy</i> , 2021, 11, 844.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Nitrogen fertilisation and harvest time on biomass production and composition of tall wheatgrass in Mediterranean marginal conditions. <i>Biomass and Bioenergy</i> , 2022, 158, 106382.	2.9	1
20	Analytical Developments for Emerging Pollutants in Indoor Suspended Particulate Matter and Dust. <i>Environmental Science and Engineering</i> , 2010, , 145-191.	0.1	0