

Toussaint Barboni

List of Publications by Year in descending order

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34
papers

777
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471509
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34
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling with WFDS Combustion Dynamics of Ornamental Vegetation Structures at WUI: Focus on the Burning of a Hedge at Laboratory Scale. <i>Combustion Science and Technology</i> , 2023, 195, 3181-3211.	2.3	2
2	Study of the burning of <i>Pteridium aquilinum</i> L. and risk for the personnel involved: Thermal properties and chemical risk. <i>Fire Safety Journal</i> , 2019, 110, 102904.	3.1	6
3	Characterization of aerosols emissions from the combustion of dead shrub twigs and leaves using a cone calorimeter. <i>Fire Safety Journal</i> , 2017, 91, 800-810.	3.1	15
4	Influence of particle size on the heat release rate and smoke opacity during the burning of dead <i>Cistus</i> leaves and twigs. <i>Journal of Fire Sciences</i> , 2017, 35, 259-283.	2.0	12
5	Influence of Cultivation Parameters on the Mineral Composition of Kiwi Fruit from Corsica. <i>Chemistry and Biodiversity</i> , 2016, 13, 748-754.	2.1	1
6	Autoignition of Dead Shrub Twigs: Influence of Diameter on Ignition. <i>Fire Technology</i> , 2016, 52, 897-929.	3.0	19
7	Scale effects on the heat release rate, smoke production rate, and species yields for a vegetation bed. <i>Journal of Fire Sciences</i> , 2015, 33, 290-319.	2.0	16
8	Volatile and Flavonoid Composition of the Peel of <i>Citrus medica</i> L. var. Corsican Fruit for Quality Assessment of Its Liqueur. <i>Food Technology and Biotechnology</i> , 2014, 52, 403-410.	2.1	24
9	Relationships between the leaf and fruit mineral compositions of <i>Actinidia deliciosa</i> var. Hayward according to nitrogen and potassium fertilization. <i>Food Chemistry</i> , 2014, 147, 269-271.	8.2	13
10	Combustion of forest litters under slope conditions: Burning rate, heat release rate, convective and radiant fractions for different loads. <i>Combustion and Flame</i> , 2014, 161, 3237-3248.	5.2	26
11	Radiant, convective and heat release characterization of vegetation fire. <i>International Journal of Thermal Sciences</i> , 2013, 70, 83-91.	4.9	36
12	Influence of cultivation parameters on the composition of volatile compounds and physico-chemical characteristics of kiwi fruit. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 604-610.	3.5	6
13	Relationship Between Flame Length and Fireline Intensity Obtained by Calorimetry at Laboratory Scale. <i>Combustion Science and Technology</i> , 2012, 184, 186-204.	2.3	9
14	Essential oil composition and chemical variability of <i>Xanthium italicum</i> Moretti from Corsica. <i>Flavour and Fragrance Journal</i> , 2012, 27, 227-236.	2.6	20
15	Characterization and Comparison of Volatile Constituents of Juice and Peel from Clementine, Mandarin and their Hybrids. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100601.	0.5	0
16	Determination of fireline intensity by oxygen consumption calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 104, 1005-1015.	3.6	14
17	Identification of flavonoids in <i>Pinus Laricio</i> needles and changes occurring after prescribed burning. <i>Chemoecology</i> , 2011, 21, 9-17.	1.1	7
18	Emission of biogenic volatile organic compounds involved in eruptive fire: implications for the safety of firefighters. <i>International Journal of Wildland Fire</i> , 2011, 20, 152.	2.4	35

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19	Volatile and semi-volatile organic compounds in smoke exposure of firefighters during prescribed burning in the Mediterranean region. <i>International Journal of Wildland Fire</i> , 2010, 19, 606.	2.4	29
20	Influence of processing steps and fruit maturity on volatile concentrations in juices from clementine, mandarin, and their hybrids. <i>European Food Research and Technology</i> , 2010, 231, 379-386.	3.3	19
21	Chemical composition, intraspecies variation and seasonal variation in essential oils of <i>Calendula arvensis</i> L.. <i>Biochemical Systematics and Ecology</i> , 2010, 38, 865-874.	1.3	50
22	Analysis and origins of volatile organic compounds smoke from ligno-cellulosic fuels. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 89, 60-65.	5.5	23
23	Effect of cold storage and ozone treatment on physicochemical parameters, soluble sugars and organic acids in <i>Actinidia deliciosa</i> . <i>Food Chemistry</i> , 2010, 121, 946-951.	8.2	102
24	Characterisation of volatiles and polyphenols for quality assessment of alcoholic beverages prepared from Corsican <i>Myrtus communis</i> berries. <i>Food Chemistry</i> , 2010, 122, 1304-1312.	8.2	54
25	Relationship between the physicochemical parameters and the ethylene emission during cold storage of kiwifruits. <i>International Journal of Food Science and Technology</i> , 2010, 45, 1513-1516.	2.7	19
26	Variability of Polyphenol Compounds in <i>Myrtus Communis</i> L. (Myrtaceae) Berries from Corsica. <i>Molecules</i> , 2010, 15, 7849-7860.	3.8	41
27	BTEX Emissions During Prescribed Burning in Function of Combustion Stage and Distance From Flame Front. <i>Combustion Science and Technology</i> , 2010, 182, 1193-1200.	2.3	12
28	Steady and Unsteady Fireline Intensity of Spreading Fires at Laboratory Scale. <i>The Open Thermodynamics Journal</i> , 2010, 4, 212-219.	0.6	8
29	Phenolic compounds of <i>Pinus laricio</i> needles: A bioindicator of the effects of prescribed burning in function of season. <i>Science of the Total Environment</i> , 2009, 407, 4542-4548.	8.0	9
30	Volatile composition of hybrids Citrus juices by headspace solid-phase micro extraction/gas chromatography/mass spectrometry. <i>Food Chemistry</i> , 2009, 116, 382-390.	8.2	60
31	Comparison of liquid-liquid extraction with headspace methods for the characterization of volatile fractions of commercial hydrolats from typically Mediterranean species. <i>Journal of Chromatography A</i> , 2008, 1193, 37-49.	3.7	63
32	The Influence of Tissue Handling on the Flavonoid Content of the Aquatic Plant <i>Posidonia oceanica</i> . <i>Journal of Chemical Ecology</i> , 2007, 33, 1083-1088.	1.8	22
33	Analysis of smoke during prescribed fires. , 2006, , .		2
34	Experimental and theoretical study of diameter effect on the ignition of cistus twigs. , 0, , 179-189.		3