

Carme Bosch

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.

18
papers

962
citations

13
h-index

18
g-index

18
ext. papers

1,102
ext. citations

8.1
avg, IF

3.69
L-index

#	Paper	IF	Citations
18	Sources of black carbon to the Himalayan-Tibetan Plateau glaciers. <i>Nature Communications</i> , 2016 , 7, 12574-4	7.4	199
17	Thermal degradation of glucosinolates in red cabbage. <i>Food Chemistry</i> , 2006 , 95, 19-29	8.5	184
16	Chemical characteristics and light-absorbing property of water-soluble organic carbon in Beijing: Biomass burning contributions. <i>Atmospheric Environment</i> , 2015 , 121, 4-12	5.3	136
15	Source-diagnostic dual-isotope composition and optical properties of water-soluble organic carbon and elemental carbon in the South Asian outflow intercepted over the Indian Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 11,743-11,759	4.4	95
14	Important fossil source contribution to brown carbon in Beijing during winter. <i>Scientific Reports</i> , 2017 , 7, 43182	4.9	82
13	Source Apportionment of Polycyclic Aromatic Hydrocarbons in Central European Soils with Compound-Specific Triple Isotopes ($\delta^{13}C$, $\delta^{14}C$, and δ^2H). <i>Environmental Science & Technology</i> , 2015 , 49, 7657-65	10.3	50
12	Identification of water soluble and particle bound compounds causing sublethal toxic effects. A field study on sediments affected by a chlor-alkali industry. <i>Aquatic Toxicology</i> , 2009 , 94, 16-27	5.1	46
11	Radiocarbon-based source apportionment of elemental carbon aerosols at two South Asian receptor observatories over a full annual cycle. <i>Environmental Research Letters</i> , 2015 , 10, 064004	6.2	32
10	Enantiomeric fraction and isomeric composition to assess sources of DDT residues in soils. <i>Chemosphere</i> , 2015 , 138, 40-6	8.4	27
9	Integrated biological and chemical analysis of organochlorine compound pollution and of its biological effects in a riverine system downstream the discharge point. <i>Science of the Total Environment</i> , 2010 , 408, 5592-9	10.2	22
8	Human health risk assessment of environmental exposure to organochlorine compounds in the Catalan stretch of the Ebro River, Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009 , 83, 662-7	2.7	21
7	Optimization of a heart-cutting multidimensional gas chromatography-based method for the assessment of enantiomeric fractions of o,p,p-DDT in environmental samples. <i>Journal of Chromatography A</i> , 2009 , 1216, 6141-5	4.5	20
6	Apportioned contributions of PM _{2.5} fine aerosol particles over the Maldives (northern Indian Ocean) from local sources vs long-range transport. <i>Science of the Total Environment</i> , 2015 , 536, 72-78	10.2	13
5	Vertical profiles of optical and microphysical particle properties above the northern Indian Ocean during CARDEX 2012. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 1045-1064	6.8	12
4	Impacts of atmospheric chlor-alkali factory emissions in surrounding populations. <i>Environment International</i> , 2014 , 65, 1-8	12.9	11
3	Analysis of hepatic deiodinase 2 mRNA levels in natural fish lake populations exposed to different levels of putative thyroid disrupters. <i>Environmental Pollution</i> , 2014 , 187, 210-3	9.3	7
2	Exploring the use of tertiary reclaimed water in dairy cattle production. <i>Journal of Cleaner Production</i> , 2019 , 229, 964-973	10.3	5

- 1 C characteristics of organic carbon in the atmosphere and at glacier region of the Tibetan Plateau.. *Science of the Total Environment*, **2022**, 832, 155020 10.2 0