

Carlos Marcelo Di Bella

List of Publications by Year in descending order

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32
papers

1,489
citations

623734

14
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

2342
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fertilizer type on nitrous oxide emission and ammonia volatilization in wheat and maize crops. <i>Soil Use and Management</i> , 2022, 38, 1519-1531.	4.9	6
2	Massive soybean expansion in South America since 2000 and implications for conservation. <i>Nature Sustainability</i> , 2021, 4, 784-792.	23.7	153
3	Simple regression models to estimate light interception in wheat crops with Sentinel-2 and a handheld sensor. <i>Crop Science</i> , 2020, 60, 1607-1616.	1.8	13
4	Long-lasting floods buffer the thermal regime of the Pampas. <i>Theoretical and Applied Climatology</i> , 2018, 131, 111-120.	2.8	14
5	Contrasting tree-cover loss and subsequent land cover in two neotropical forest regions: sample-based assessment of the Mexican Yucatán and Argentine Chaco. <i>Journal of Land Use Science</i> , 2018, 13, 549-564.	2.2	9
6	Impact of land use during winter on the balance of greenhouse gases. <i>Soil Use and Management</i> , 2018, 34, 525-532.	4.9	5
7	National-scale soybean mapping and area estimation in the United States using medium resolution satellite imagery and field survey. <i>Remote Sensing of Environment</i> , 2017, 190, 383-395.	11.0	168
8	A multi-resolution approach to national-scale cultivated area estimation of soybean. <i>Remote Sensing of Environment</i> , 2017, 195, 13-29.	11.0	55
9	Patterns and controls of carbon dioxide and water vapor fluxes in a dry forest of central Argentina. <i>Agricultural and Forest Meteorology</i> , 2017, 247, 520-532.	4.8	18
10	Relationship between MODIS-NDVI data and wheat yield: A case study in Northern Buenos Aires province, Argentina. <i>Information Processing in Agriculture</i> , 2015, 2, 73-84.	4.1	76
11	Influence of fuel conditions on the occurrence, propagation and duration of wildland fires: A regional approach. <i>Journal of Arid Environments</i> , 2015, 120, 63-71.	2.4	9
12	Total and aboveground radiation use efficiency in <i>C₃</i> and <i>C₄</i> grass species influenced by nitrogen and water availability. <i>Grassland Science</i> , 2015, 61, 131-141.	1.1	9
13	Changes in evapotranspiration and phenology as consequences of shrub removal in dry forests of central Argentina. <i>Ecohydrology</i> , 2015, 8, 1304-1311.	2.4	10
14	SAILHFlood: A radiative transfer model for flooded vegetation. <i>Ecological Modelling</i> , 2013, 257, 25-35.	2.5	13
15	Downgrading Recent Estimates of Land Available for Biofuel Production. <i>Environmental Science & Technology</i> , 2013, 47, 130128103203003.	10.0	34
16	Fire patterns in central semiarid Argentina. <i>Journal of Arid Environments</i> , 2012, 78, 161-168.	2.4	22
17	Influence of contrasting availabilities of water and nutrients on the radiation use efficiency in <i>C₃</i> and <i>C₄</i> grasses. <i>Austral Ecology</i> , 2012, 37, 323-329.	1.5	7
18	Assessing the potential of wildfires as a sustainable bioenergy opportunity. <i>GCB Bioenergy</i> , 2012, 4, 634-641.	5.6	16

#	ARTICLE	IF	CITATIONS
19	Multi-Temporal Analysis of Remotely Sensed Information Using Wavelets. Journal of Geographic Information System, 2012, 04, 383-391.	0.5	8
20	Fire patterns in north-eastern Argentina: influences of climate and land use/cover. International Journal of Remote Sensing, 2011, 32, 4961-4971.	2.9	11
21	Forage Production of the Argentine Pampa Region Based on Land Use and Long-Term Normalized Difference Vegetation Index Data. Rangeland Ecology and Management, 2009, 62, 163-170.	2.3	5
22	Monoterpene emissions from three <i>Nothofagus</i> species in Patagonia, Argentina. Journal of Plant Interactions, 2008, 3, 119-125.	2.1	3
23	Flooding: The effect of water depth on the spectral response of grass canopies. Journal of Hydrology, 2007, 335, 285-294.	5.4	39
24	The effects of tree establishment on water and salt dynamics in naturally salt-affected grasslands. Oecologia, 2007, 152, 695-705.	2.0	70
25	Validation of the global land cover 2000 map. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 1728-1739.	6.3	242
26	Continental fire density patterns in South America. Global Ecology and Biogeography, 2006, 15, 192-199.	5.8	68
27	Landscape, soil and meteorological influences on canopy dynamics of northern flooding Pampa grasslands, Argentina. Applied Vegetation Science, 2005, 8, 49-56.	1.9	14
28	Using VEGETATION satellite data and the crop model STICS-Prairie to estimate pasture production at the national level in France. Physics and Chemistry of the Earth, 2005, 30, 3-9.	2.9	12
29	A land cover map of South America. Global Change Biology, 2004, 10, 731-744.	9.5	247
30	Use of SPOT4-VEGETATION satellite data to improve pasture production simulated by STICS included in the ISOP French system. Agronomy for Sustainable Development, 2004, 24, 437-444.	0.8	3
31	Assessment of the possible drought impact on farm production in the SE of the province of Buenos Aires, Argentina. ISPRS Journal of Photogrammetry and Remote Sensing, 2003, 57, 281-288.	11.1	11
32	Estimation of primary production of subhumid rangelands from remote sensing data. Applied Vegetation Science, 2000, 3, 189-195.	1.9	70