

Sergio Cinnirella

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.

46
papers

2,165
citations

19
h-index

46
g-index

51
ext. papers

2,478
ext. citations

4
avg, IF

4.32
L-index

#	Paper	IF	Citations
46	Global mercury emissions to the atmosphere from anthropogenic and natural sources. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 5951-5964	6.8	935
45	Atmospheric mercury concentrations observed at ground-based monitoring sites globally distributed in the framework of the GMOS network. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 11915-11935	6.8	122
44	Initial estimates of mercury emissions to the atmosphere from global biomass burning. <i>Environmental Science & Technology</i> , 2009 , 43, 3507-13	10.3	115
43	Contribution of contaminated sites to the global mercury budget. <i>Environmental Research</i> , 2013 , 125, 160-70	7.9	99
42	Atmospheric mercury footprints of nations. <i>Environmental Science & Technology</i> , 2015 , 49, 3566-74	10.3	90
41	The Driver-Pressure-State-Impact-Response (DPSIR) approach for integrated catchment-coastal zone management: preliminary application to the Po catchment-Adriatic Sea coastal zone system. <i>Regional Environmental Change</i> , 2005 , 5, 111-137	4.3	89
40	Toward the next generation of air quality monitoring: Mercury. <i>Atmospheric Environment</i> , 2013 , 80, 599-611	6.1	79
39	Response of a mature <i>Pinus laricio</i> plantation to a three-year restriction of water supply: structural and functional acclimation to drought. <i>Tree Physiology</i> , 2002 , 22, 21-30	4.2	78
38	Impact of long-term drought on xylem embolism and growth in. <i>Trees - Structure and Function</i> , 1998 , 12, 187	2.6	74
37	Stochastic analysis to assess the spatial distribution of groundwater nitrate concentrations in the Po catchment (Italy). <i>Environmental Pollution</i> , 2005 , 133, 569-80	9.3	53
36	Global mercury emissions to the atmosphere from anthropogenic and natural sources		47
35	Model study of global mercury deposition from biomass burning. <i>Environmental Science & Technology</i> , 2015 , 49, 6712-21	10.3	39
34	Global Mercury Emissions to the Atmosphere from Natural and Anthropogenic Sources 2009 , 1-47		38
33	Spatial and temporal distributions of mercury emissions from forest fires in Mediterranean region and Russian federation. <i>Atmospheric Environment</i> , 2006 , 40, 7346-7361	5.3	31
32	Particulate-phase mercury emissions from biomass burning and impact on resulting deposition: a modelling assessment. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 1881-1899	6.8	25
31	Data quality through a web-based QA/QC system: implementation for atmospheric mercury data from the global mercury observation system. <i>Environmental Sciences: Processes and Impacts</i> , 2015 , 17, 1482-91	4.3	22
30	Anti-erosive effectiveness of <i>Eucalyptus</i> coppices through the cover management factor estimate. <i>Hydrological Processes</i> , 1998 , 12, 635-649	3.3	22

29	Mercury in the Mediterranean. Part 2: processes and mass balance. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4081-94	5.1	21
28	Impact of long-term drought on xylem embolism and growth in <i>Pinus halepensis</i> Mill.. <i>Trees - Structure and Function</i> , 1998 , 12, 187-195	2.6	20
27	Mercury concentrations in biota in the Mediterranean Sea, a compilation of 40 years of surveys. <i>Scientific Data</i> , 2019 , 6, 205	8.2	16
26	Steps toward a shared governance response for achieving Good Environmental Status in the Mediterranean Sea. <i>Ecology and Society</i> , 2014 , 19,	4.1	15
25	Hydraulic limitations and water-use efficiency in <i>Pinus pinaster</i> along a chronosequence. <i>Canadian Journal of Forest Research</i> , 2008 , 38, 73-81	1.9	14
24	Integrated assessment of chemical pollution in the Mediterranean Sea: Driver-Pressures-State-Welfare analysis. <i>Ocean and Coastal Management</i> , 2013 , 80, 36-45	3.9	13
23	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012 , 5, 1761-1771	4.7	13
22	Mercury emissions from global biomass burning: spatial and temporal distribution 2009 , 193-220		12
21	The GMOS cyber(e)-infrastructure: advanced services for supporting science and policy. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4193-208	5.1	11
20	Modeling mercury emissions from forest fires in the Mediterranean region. <i>Environmental Fluid Mechanics</i> , 2008 , 8, 129-145	2.2	11
19	A Business-As-Usual Scenario Analysis for the Po Basin-North Adriatic Continuum. <i>Water Resources Management</i> , 2007 , 21, 2063-2074	3.7	9
18	Detecting critical choke points for achieving Good Environmental Status in European seas. <i>Ecology and Society</i> , 2015 , 20,	4.1	8
17	Overview of major processes and mechanisms affecting the mercury cycle on different spatial and temporal scales. <i>EPJ Web of Conferences</i> , 2010 , 9, 3-33	0.3	8
16	Dynamic Processes of Atmospheric Hg in the Mediterranean Region 2005 , 541-579		8
15	Estimating Uncertainty in Global Mercury Emission Source and Deposition Receptor Relationships. <i>Atmosphere</i> , 2017 , 8, 236	2.7	7
14	Mercury bioaccumulation in the Mediterranean. <i>E3S Web of Conferences</i> , 2013 , 1, 11005	0.5	3
13	Effects of long-term water shortage on Mediterranean pine forests: lessons from two experiments carried out in southern Italy. <i>Forest@</i> , 2005 , 2, 31-36	0.6	3
12	A Spatial Data Infrastructure for the Global Mercury Observation System. <i>E3S Web of Conferences</i> , 2013 , 1, 28001	0.5	2

11	A Chemical Transport Model Emulator for the Interactive Evaluation of Mercury Emission Reduction Scenarios. <i>Atmosphere</i> , 2020 , 11, 878	2.7	2
10	Atmospheric Mercury Concentrations observed at ground-based monitoring sites globally distributed in the framework of the GMOS network 2016 ,		2
9	Anti-erosive effectiveness of Eucalyptus coppices through the cover management factor estimate 1998 , 12, 635		2
8	An uncertainty estimate of global mercury emissions using the Monte Carlo technique. <i>E3S Web of Conferences</i> , 2013 , 1, 07006	0.5	1
7	The GOS4M Knowledge Hub: A web-based effectiveness evaluation platform in support of the Minamata Convention on Mercury. <i>Environmental Science and Policy</i> , 2021 , 124, 235-246	6.2	1
6	Will action taken under the Minamata Convention on Mercury need to be coordinated internationally? Evidence from an optimization study suggests it will. <i>Environmental Science and Policy</i> , 2022 , 127, 22-30	6.2	0
5	The Minamata Knowledge Hub: from data to knowledge supporting Minamata Convention on Mercury. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 509, 012010	0.3	
4	Data and metadata management automation for an effective approach to sharing environmental data. <i>E3S Web of Conferences</i> , 2013 , 1, 18003	0.5	
3	Daysimetric mapping of mercury emissions from contaminated sites. <i>E3S Web of Conferences</i> , 2013 , 1, 07007	0.5	
2	A methodology for Good Environmental Status assessment for mercury in the Mediterranean. <i>E3S Web of Conferences</i> , 2013 , 1, 22004	0.5	
1	Mercury Emissions at Regional and Global Scale 2019 , 310-317		