

Bruna Grizzetti

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

5,475
citations

218677

26
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

8413
citing authors

#	ARTICLE	IF	CITATIONS
1	The global nitrogen cycle in the twenty-first century. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130164.	4.0	1,114
2	50 year trends in nitrogen use efficiency of world cropping systems: the relationship between yield and nitrogen input to cropland. <i>Environmental Research Letters</i> , 2014, 9, 105011.	5.2	764
3	An indicator framework for assessing ecosystem services in support of the EU Biodiversity Strategy to 2020. <i>Ecosystem Services</i> , 2016, 17, 14-23.	5.4	418
4	Assessing water ecosystem services for water resource management. <i>Environmental Science and Policy</i> , 2016, 61, 194-203.	4.9	369
5	Impacts of European livestock production: nitrogen, sulphur, phosphorus and greenhouse gas emissions, land-use, water eutrophication and biodiversity. <i>Environmental Research Letters</i> , 2015, 10, 115004.	5.2	332
6	Protecting and restoring Europe's waters: An analysis of the future development needs of the Water Framework Directive. <i>Science of the Total Environment</i> , 2019, 658, 1228-1238.	8.0	295
7	Food and feed trade as a driver in the global nitrogen cycle: 50-year trends. <i>Biogeochemistry</i> , 2014, 118, 225-241.	3.5	240
8	Mapping green infrastructure based on ecosystem services and ecological networks: A Pan-European case study. <i>Environmental Science and Policy</i> , 2015, 54, 268-280.	4.9	216
9	Relationship between ecological condition and ecosystem services in European rivers, lakes and coastal waters. <i>Science of the Total Environment</i> , 2019, 671, 452-465.	8.0	184
10	Changes of nitrogen and phosphorus loads to European seas. <i>Global Change Biology</i> , 2012, 18, 769-782.	9.5	183
11	Integrated valuation of a nature-based solution for water pollution control. Highlighting hidden benefits. <i>Ecosystem Services</i> , 2016, 22, 392-401.	5.4	179
12	Mapping water provisioning services to support the ecosystemâ€“waterâ€“foodâ€“energy nexus in the Danube river basin. <i>Ecosystem Services</i> , 2016, 17, 278-292.	5.4	174
13	Human pressures and ecological status of European rivers. <i>Scientific Reports</i> , 2017, 7, 205.	3.3	142
14	Perspectives on the link between ecosystem services and biodiversity: The assessment of the nursery function. <i>Ecological Indicators</i> , 2016, 63, 249-257.	6.3	87
15	Integrating methods for ecosystem service assessment: Experiences from real world situations. <i>Ecosystem Services</i> , 2018, 29, 499-514.	5.4	80
16	Physical and monetary ecosystem service accounts for Europe: A case study for in-stream nitrogen retention. <i>Ecosystem Services</i> , 2017, 23, 18-29.	5.4	64
17	Assessing nitrogen pressures on European surface water. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	4.9	59
18	Ecosystem services for water policy: Insights across Europe. <i>Environmental Science and Policy</i> , 2016, 66, 179-190.	4.9	59

#	ARTICLE	IF	CITATIONS
19	The role of water nitrogen retention in integrated nutrient management: assessment in a large basin using different modelling approaches. <i>Environmental Research Letters</i> , 2015, 10, 065008.	5.2	58
20	Phosphorus budget in the water-agro-food system at nested scales in two contrasted regions of the world (ASEAN and EU). <i>Global Biogeochemical Cycles</i> , 2015, 29, 1348-1368.	4.9	54
21	Nitrogen and phosphorus retention in surface waters: an inter-comparison of predictions by catchment models of different complexity. <i>Journal of Environmental Monitoring</i> , 2009, 11, 584.	2.1	53
22	How EU policies could reduce nutrient pollution in European inland and coastal waters. <i>Global Environmental Change</i> , 2021, 69, 102281.	7.8	46
23	An ecological-economic approach to the valuation of ecosystem services to support biodiversity policy. A case study for nitrogen retention by Mediterranean rivers and lakes. <i>Ecological Indicators</i> , 2015, 48, 292-302.	6.3	42
24	Estimating resilience of crop production systems: From theory to practice. <i>Science of the Total Environment</i> , 2020, 735, 139378.	8.0	42
25	Impact of current riparian land on sediment retention in the Danube River Basin. <i>Sustainability of Water Quality and Ecology</i> , 2016, 8, 30-49.	2.0	38
26	Modelling nutrient fluxes into the Mediterranean Sea. <i>Journal of Hydrology: Regional Studies</i> , 2019, 22, 100592.	2.4	31
27	Nitrogen dynamics in cropping systems under Mediterranean climate: a systemic analysis. <i>Environmental Research Letters</i> , 2021, 16, 073002.	5.2	25
28	Effects of Nutrient Management Scenarios on Marine Eutrophication Indicators: A Pan-European, Multi-Model Assessment in Support of the Marine Strategy Framework Directive. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	21
29	Hydromorphology of coastal zone and structure of watershed agro-food system are main determinants of coastal eutrophication. <i>Environmental Research Letters</i> , 2021, 16, 023005.	5.2	20
30	Probability maps of anthropogenic impacts affecting ecological status in European rivers. <i>Ecological Indicators</i> , 2021, 126, 107684.	6.3	20
31	Domestic waste emissions to European waters in the 2010s. <i>Scientific Data</i> , 2020, 7, 33.	5.3	19
32	Annual Green Water Resources and Vegetation Resilience Indicators: Definitions, Mutual Relationships, and Future Climate Projections. <i>Remote Sensing</i> , 2019, 11, 2708.	4.0	14
33	Scenario analysis for nutrient emission reduction in the European inland waters. <i>Environmental Research Letters</i> , 2014, 9, 125007.	5.2	13
34	Rise and fall of vegetation annual primary production resilience to climate variability projected by a large ensemble of Earth System Models™ simulations. <i>Environmental Research Letters</i> , 2021, 16, 105001.	5.2	11