

Bruna Grizzetti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/273031/publications.pdf>

Version: 2024-02-01

34
papers

5,475
citations

218381

26
h-index

360668

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. | 1.8 | 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. | 2.2 | 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. | 2.3 | 418 |
| 4 | Assessing water ecosystem services for water resource management. <i>Environmental Science and Policy</i> , 2016, 61, 194-203. | 2.4 | 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. | 2.2 | 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. | 3.9 | 295 |
| 7 | Food and feed trade as a driver in the global nitrogen cycle: 50-year trends. <i>Biogeochemistry</i> , 2014, 118, 225-241. | 1.7 | 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. | 2.4 | 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. | 3.9 | 184 |
| 10 | Changes of nitrogen and phosphorus loads to European seas. <i>Global Change Biology</i> , 2012, 18, 769-782. | 4.2 | 183 |
| 11 | Integrated valuation of a nature-based solution for water pollution control. Highlighting hidden benefits. <i>Ecosystem Services</i> , 2016, 22, 392-401. | 2.3 | 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. | 2.3 | 174 |
| 13 | Human pressures and ecological status of European rivers. <i>Scientific Reports</i> , 2017, 7, 205. | 1.6 | 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. | 2.6 | 87 |
| 15 | Integrating methods for ecosystem service assessment: Experiences from real world situations. <i>Ecosystem Services</i> , 2018, 29, 499-514. | 2.3 | 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. | 2.3 | 64 |
| 17 | Assessing nitrogen pressures on European surface water. <i>Global Biogeochemical Cycles</i> , 2008, 22, . | 1.9 | 59 |
| 18 | Ecosystem services for water policy: Insights across Europe. <i>Environmental Science and Policy</i> , 2016, 66, 179-190. | 2.4 | 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. | 2.2 | 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. | 1.9 | 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. | 3.6 | 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. | 2.6 | 42 |
| 24 | Estimating resilience of crop production systems: From theory to practice. <i>Science of the Total Environment</i> , 2020, 735, 139378. | 3.9 | 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. | 1.0 | 31 |
| 27 | Nitrogen dynamics in cropping systems under Mediterranean climate: a systemic analysis. <i>Environmental Research Letters</i> , 2021, 16, 073002. | 2.2 | 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, . | 1.2 | 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. | 2.2 | 20 |
| 30 | Probability maps of anthropogenic impacts affecting ecological status in European rivers. <i>Ecological Indicators</i> , 2021, 126, 107684. | 2.6 | 20 |
| 31 | Domestic waste emissions to European waters in the 2010s. <i>Scientific Data</i> , 2020, 7, 33. | 2.4 | 19 |
| 32 | Annual Green Water Resources and Vegetation Resilience Indicators: Definitions, Mutual Relationships, and Future Climate Projections. <i>Remote Sensing</i> , 2019, 11, 2708. | 1.8 | 14 |
| 33 | Scenario analysis for nutrient emission reduction in the European inland waters. <i>Environmental Research Letters</i> , 2014, 9, 125007. | 2.2 | 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. | 2.2 | 11 |