Elisa Soana

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9410578/publications.pdf

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38 papers	946 citations	430442 18 h-index	454577 30 g-index
38 all docs	38 docs citations	38 times ranked	1020 citing authors

#	Article	IF	Citations
1	An Underestimated Contribution of Deltaic Denitrification in Reducing Nitrate Export to the Coastal Zone (Po Riverâ€“Adriatic Sea, Northern Italy). Water (Switzerland), 2022, 14, 501.	1.2	4
2	Natural and anthropogenic factors drive large-scale freshwater fish invasions. Scientific Reports, 2022, 12, .	1.6	6
3	Governance and groundwater modelling: Hints to boost the implementation of the EU Nitrate Directive. The Lombardy Plain case, N Italy. Science of the Total Environment, 2021, 782, 146800.	3.9	11
4	The achievement of Water Framework Directive goals through the restoration of vegetation in agricultural canals. Journal of Environmental Management, 2021, 294, 113016.	3.8	4
5	The role of species introduction in modifying the functional diversity of native communities. Science of the Total Environment, 2020, 699, 134364.	3.9	24
6	Could a freshwater fish be at the root of dystrophic crises in a coastal lagoon?. Science of the Total Environment, 2020, 711, 135093.	3.9	8
7	Introducing Life Cycle Assessment in Costs and Benefits Analysis of Vegetation Management in Drainage Canals of Lowland Agricultural Landscapes. Water (Switzerland), 2020, 12, 2236.	1.2	2
8	In Search for the Missing Nitrogen: Closing the Budget to Assess the Role of Denitrification in Agricultural Watersheds. Applied Sciences (Switzerland), 2020, 10, 2136.	1.3	9
9	Upscaling nitrogen removal processes in fluvial wetlands and irrigation canals in a patchy agricultural watershed. Wetlands Ecology and Management, 2020, 28, 297-313.	0.7	10
10	Habitat morphology and connectivity better predict hydrophyte and wetland plant richness than land-use intensity in overexploited watersheds: evidence from the Po plain (northern Italy). Landscape Ecology, 2020, 35, 1827-1839.	1.9	10
11	Nitrate availability affects denitrification in Phragmites australis sediments. Journal of Environmental Quality, 2020, 49, 194-209.	1.0	8
12	An ounce of prevention is worth a pound of cure: Managing macrophytes for nitrate mitigation in irrigated agricultural watersheds. Science of the Total Environment, 2019, 647, 301-312.	3.9	32
13	Effect of ebullition and groundwater temperature on estimated dinitrogen excess in contrasting agricultural environments. Science of the Total Environment, 2019, 693, 133638.	3.9	4
14	Intense rainfalls trigger nitrite leaching in agricultural soils depleted in organic matter. Science of the Total Environment, 2019, 665, 80-90.	3.9	16
15	Is Flood Irrigation a Potential Driver of River-Groundwater Interactions and Diffuse Nitrate Pollution in Agricultural Watersheds?. Water (Switzerland), 2019, 11, 2304.	1.2	21
16	Reactive nitrogen losses via denitrification assessed in saturated agricultural soils. Geoderma, 2019, 337, 91-98.	2.3	29
17	The effect of water velocity on nitrate removal in vegetated waterways. Journal of Environmental Management, 2018, 215, 230-238.	3.8	19
18	To mow or not to mow: reed biofilms as denitrification hotspots in drainage canals. Ecological Engineering, 2018, 113, 1-10.	1.6	28

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19	Estimate of gas transfer velocity in the presence of emergent vegetation using argon as a tracer: Implications for whole-system denitrification measurements. Chemosphere, 2018, 213, 526-532.	4.2	4
20	Soil system budgets of N, Si and P in an agricultural irrigated watershed: surplus, differential export and underlying mechanisms. Biogeochemistry, 2018, 140, 175-197.	1.7	11
21	Managing the environment in a pinch: red swamp crayfish tells a cautionary tale of ecosystem based management in northeastern Italy. Ecological Engineering, 2018, 120, 546-553.	1.6	4
22	Space and time variations of watershed N and P budgets and their relationships with reactive N and P loadings in a heavily impacted river basin (Po river, Northern Italy). Science of the Total Environment, 2018, 639, 1574-1587.	3.9	82
23	Antropogenic input of nitrogen and riverine export from a Mediterranean catchment. The Celone, a temporary river case study. Agricultural Water Management, 2017, 187, 190-199.	2.4	29
24	Mitigation of nitrogen pollution in vegetated ditches fed by nitrate-rich spring waters. Agriculture, Ecosystems and Environment, 2017, 243, 74-82.	2.5	55
25	Nitrogen uptake and coupled nitrificationâ€“denitrification in riverine sediments with benthic microalgae and rooted macrophytes. Aquatic Sciences, 2017, 79, 487-505.	0.6	35
26	Growth performance of <scp>V</scp>allisneria spiralis under oligotrophic conditions supports its potential invasiveness in midâ€elevation freshwaters. Weed Research, 2015, 55, 185-194.	0.8	17
27	Vegetated canals mitigate nitrogen surplus in agricultural watersheds. Agriculture, Ecosystems and Environment, 2015, 212, 253-262.	2.5	57
28	Benthic nitrogen metabolism in a macrophyte meadow (Vallisneria spiralis L.) under increasing sedimentary organic matter loads. Biogeochemistry, 2015, 124, 387-404.	1.7	33
29	Eutrophication of the Mediterranean Sea: a watershedâ€"cascading aquatic filter approach. Rendiconti Lincei, 2015, 26, 13-23.	1.0	19
30	Seasonal regulation of nitrification in a rooted macrophyte (Vallisneria spiralis L.) meadow under eutrophic conditions. Aquatic Ecology, 2014, 48, 11-21.	0.7	34
31	Nitrogen Budget in a Lowland Coastal Area Within the Po River Basin (Northern Italy): Multiple Evidences of Equilibrium Between Sources and Internal Sinks. Environmental Management, 2013, 52, 567-580.	1.2	43
32	Seasonal variation of radial oxygen loss in Vallisneria spiralis L.: An adaptive response to sediment redox?. Aquatic Botany, 2013, 104, 228-232.	0.8	35
33	Effects of increasing organic matter loads on pore water features of vegetated (Vallisneria spiralis L.) and plant-free sediments. Ecological Engineering, 2012, 47, 141-145.	1.6	33
34	Nitrogen balance and fate in a heavily impacted watershed (Oglio River, Northern Italy): in quest of the missing sources and sinks. Biogeosciences, 2012, 9, 361-373.	1.3	68
35	Influence of hydrological connectivity of riverine wetlands on nitrogen removal via denitrification. Biogeochemistry, 2011, 103, 335-354.	1.7	97
36	Soil Budget, Net Export, and Potential Sinks of Nitrogen in the Lower Oglio River Watershed (Northern Italy). Clean - Soil, Air, Water, 2011, 39, 956-965.	0.7	43

#	Article	IF	Citations
37	Soil Denitrification, the Missing Piece in the Puzzle of Nitrogen Budget in Lowland Agricultural Basins. Ecosystems, 0, , 1.	1.6	0
38	Squaring the cycle: the integration of Groundwater processes in nutrient budgets for a basin-oriented remediation Strategy. Rendiconti Online Societa Geologica Italiana, 0, 47, 73-78.	0.3	2