Monica Pinardi

List of Publications by Year
in descending order

27 papers	562 citations	623734 14 h-index	642732 23 g-index
32 all docs	32 docs citations	32 times ranked	602 citing authors

#	Article	IF	Citations
1	A rule-based approach for mapping macrophyte communities using multi-temporal aquatic vegetation indices. Remote Sensing of Environment, 2015, 171, 218-233.	11.0	65
2	Benthic metabolism and denitrification in a river reach: a comparison between vegetated and bare sediments. Journal of Limnology, 2009, 68, 133.	1.1	49
3	Remote sensing of phytoplankton-macrophyte coexistence in shallow hypereutrophic fluvial lakes. Hydrobiologia, 2014, 737, 67-76.	2.0	43
4	Net autotrophy in a fluvial lake: the relative role of phytoplankton and floating-leaved macrophytes. Aquatic Sciences, 2011, 73, 389-403.	1.5	37
5	Assessing macrophyte seasonal dynamics using dense time series of medium resolution satellite data. Remote Sensing of Environment, 2018, 216, 230-244.	11.0	36
6	Remote sensing of macrophyte morphological traits: Implications for the management of shallow lakes. Journal of Limnology, 2016, 76, .	1.1	33
7	Spatial and temporal dynamics of primary producers in shallow lakes as seen from space: Intra-annual observations from Sentinel-2A. Limnologica, 2018, 72, 32-43.	1.5	32
8	The Use of Multisource Optical Sensors to Study Phytoplankton Spatio-Temporal Variation in a Shallow Turbid Lake. Water (Switzerland), 2020, 12, 284.	2.7	32
9	Assessing Potential Algal Blooms in a Shallow Fluvial Lake by Combining Hydrodynamic Modelling and Remote-Sensed Images. Water (Switzerland), 2015, 7, 1921-1942.	2.7	31
10	Earth observation for monitoring and mapping of cyanobacteria blooms. Case studies on five Italian lakes. Journal of Limnology, 2016, 76, .	1.1	25
11	Is Flood Irrigation a Potential Driver of River-Groundwater Interactions and Diffuse Nitrate Pollution in Agricultural Watersheds?. Water (Switzerland), 2019, 11, 2304.	2.7	21
12	Application of New Hyperspectral Sensors in the Remote Sensing of Aquatic Ecosystem Health: Exploiting PRISMA and DESIS for Four Italian Lakes. Resources, 2022, 11, 8.	3.5	20
13	Eutrophication of the Mediterranean Sea: a watershedâ€"cascading aquatic filter approach. Rendiconti Lincei, 2015, 26, 13-23.	2.2	19
14	Imaging spectrometry of productive inland waters. Application to the lakes of Mantua. European Journal of Remote Sensing, 2009, , 147-156.	0.2	19
15	Aspects of Invasiveness of Ludwigia and Nelumbo in Shallow Temperate Fluvial Lakes. Frontiers in Plant Science, 2019, 10, 647.	3.6	13
16	Soil system budgets of N, Si and P in an agricultural irrigated watershed: surplus, differential export and underlying mechanisms. Biogeochemistry, 2018, 140, 175-197.	3.5	11
17	Detecting Climate Driven Changes in Chlorophyll-a in Deep Subalpine Lakes Using Long Term Satellite Data. Water (Switzerland), 2021, 13, 866.	2.7	11
18	Shorter blooms expected with longer warm periods under climate change: an example from a shallow meso-eutrophic Mediterranean lake. Hydrobiologia, 2022, 849, 3963-3978.	2.0	11

#	Article	IF	Citations
19	Reactive Silica Traces Manure Spreading in Alluvial Aquifers Affected by Nitrate Contamination: A Case Study in a High Plain of Northern Italy. Water (Switzerland), 2020, 12, 2511.	2.7	10
20	Upscaling nitrogen removal processes in fluvial wetlands and irrigation canals in a patchy agricultural watershed. Wetlands Ecology and Management, 2020, 28, 297-313.	1.5	10
21	Detecting Climate Driven Changes in Chlorophyll-a Using High Frequency Monitoring: The Impact of the 2019 European Heatwave in Three Contrasting Aquatic Systems. Sensors, 2021, 21, 6242.	3.8	9
22	Short-Term Effects of the EU Nitrate Directive Reintroduction: Reduced N Loads to River from an Alluvial Aquifer in Northern Italy. Hydrology, 2022, 9, 44.	3.0	7
23	Daily and seasonal variability of CO2 saturation and evasion in a free flowing and in a dammed river reach. Journal of Limnology, 2014, 73, .	1.1	6
24	Evaluation of Macrophyte Community Dynamics (2015â€“2020) in Southern Lake Garda (Italy) from Sentinel-2 Data. Applied Sciences (Switzerland), 2022, 12, 2693.	2.5	6
25	Evolution of Native and Alien Macrophytes in a Fluvialâ€wetland System Using Longâ€term Satellite Data. Wetlands, 2021, 41, 1.	1.5	2
26	Exploiting high frequency monitoring and satellite imagery for assessing chlorophyll-a dynamics in a shallow eutrophic lake. Journal of Limnology, 0, , .	1.1	2
27	Preliminary Investigation on Phytoplankton Dynamics and Primary Production Models in an Oligotrophic Lake from Remote Sensing Measurements. Sensors, 2021, 21, 5072.	3.8	2