Daniela Molinari

List of Publications by Year
in descending order

25 papers	822 citations	687220 13 h-index	610775 24 g-index
59 all docs	59 docs citations	59 times ranked	983 citing authors

#	Article	IF	Citations
1	Adaptation to flood risk: Results of international paired flood event studies. Earth's Future, 2017, 5, 953-965.	2.4	156
2	Assessing multifaceted vulnerability and resilience in order to design risk-mitigation strategies. Natural Hazards, 2012, 64, 2057-2082.	1.6	108
3	INSYDE: a synthetic, probabilistic flood damage model based on explicit cost analysis. Natural Hazards and Earth System Sciences, 2016, 16, 2577-2591.	1.5	99
4	Validation of flood risk models: Current practice and possible improvements. International Journal of Disaster Risk Reduction, 2019, 33, 441-448.	1.8	78
5	Ex post damage assessment: an Italian experience. Natural Hazards and Earth System Sciences, 2014, 14, 901-916.	1.5	72
6	Hess Opinions: An interdisciplinary research agenda to explore the unintended consequences of structural flood protection. Hydrology and Earth System Sciences, 2018, 22, 5629-5637.	1.9	67
7	Are flood damage models converging to â€œrealityâ€? Lessons learnt from a blind test. Natural Hazards and Earth System Sciences, 2020, 20, 2997-3017.	1.5	38
8	On the Influence of Input Data Quality to Flood Damage Estimation: The Performance of the INSYDE Model. Water (Switzerland), 2017, 9, 688.	1.2	26
9	Flood damage: a model for consistent, complete and multipurposeÂscenarios. Natural Hazards and Earth System Sciences, 2016, 16, 2783-2797.	1.5	25
10	AGRIDE-c, a conceptual model for the estimation of flood damage to crops: development and implementation. Natural Hazards and Earth System Sciences, 2019, 19, 2565-2582.	1.5	23
11	A New Tool to Estimate Inundation Depths by Spatial Interpolation (RAPIDE): Design, Application and Impact on Quantitative Assessment of Flood Damages. Water (Switzerland), 2018, 10, 1805.	1.2	17
12	Flood damage functions based on a single physics- and data-based impact parameter that jointly accounts for water depth and velocity. Journal of Hydrology, 2022, 607, 127485.	2.3	16
13	Preface: Damage of natural hazards: assessment and mitigation. Natural Hazards and Earth System Sciences, 2019, 19, 551-554.	1.5	12
14	Costâ€“benefit analysis of flood mitigation measures: a case study employing high-performance hydraulic and damage modelling. Natural Hazards, 2021, 108, 3061-3084.	1.6	10
15	Implementing the European â€œFloods Directiveâ€: the Case of the Po River Basin. Water Resources Management, 2016, 30, 1739-1756.	1.9	9
16	Bayesian Data-Driven approach enhances synthetic flood loss models. Environmental Modelling and Software, 2020, 132, 104798.	1.9	7
17	Preface: Natural hazard event analysis for risk reduction and adaptation. Natural Hazards and Earth System Sciences, 2018, 18, 963-968.	1.5	6
18	Review Article: Validation of flood risk models: current practice and innovations. , 0, , .		6

#	Article	IF	Citations
19	Improvements and Operational Application of a Zero-Order Quick Assessment Model for Flood Damage: A Case Study in Italy. Water (Switzerland), 2022, 14, 373.	1.2	4
20	Invited perspectives: When research meets practice: challenges, opportunities, and suggestions from the implementation of the Floods Directive in the largest Italian river basin. Natural Hazards and Earth System Sciences, 2022, 22, 1819-1823.	1.5	4
21	Brief Communication: Simple-INSYDE, development of a new tool for flood damage evaluation from an existing synthetic model. Natural Hazards and Earth System Sciences, 2020, 20, 2937-2941.	1.5	3
22	A Zero-Order Flood Damage Model for Regional-Scale Quick Assessments. Water (Switzerland), 2021, 13, 1292.	1.2	2
23	INSYDE-BE: adaptation of the INSYDE model to the Walloon region (Belgium). Natural Hazards and Earth System Sciences, 2022, 22, 1743-1761.	1.5	2
24	Discussion of â€œRecommendations for Teaching a Successful Design-Based Course: Hydraulic Structure Designâ€•by B. P. Tullis and S. L. Barfuss. Journal of Hydraulic Engineering, 2021, 147, 07021001.	0.7	1
25	Brief communication: Key papers of 20Âyears in <i>Natural Hazards and Earth System Sciences</i>. Natural Hazards and Earth System Sciences, 2022, 22, 985-993.	1.5	0