

# Daniela Molinari

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

822  
citations

687220

13  
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610775

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59  
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59  
docs citations

59  
times ranked

983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvements and Operational Application of a Zero-Order Quick Assessment Model for Flood Damage: A Case Study in Italy. <i>Water (Switzerland)</i> , 2022, 14, 373.	1.2	4
2	Flood damage functions based on a single physics- and data-based impact parameter that jointly accounts for water depth and velocity. <i>Journal of Hydrology</i> , 2022, 607, 127485.	2.3	16
3	Brief communication: Key papers of 20 years in &lt;i&gt;Natural Hazards and Earth System Sciences&lt;/i&gt;. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 985-993.	1.5	0
4	INSYDE-BE: adaptation of the INSYDE model to the Walloon region (Belgium). <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1743-1761.	1.5	2
5	Invited perspectives: When research meets practice: challenges, opportunities, and suggestions from the implementation of the Floods Directive in the largest Italian river basin. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1819-1823.	1.5	4
6	Discussion of "Recommendations for Teaching a Successful Design-Based Course: Hydraulic Structure Design" by B. P. Tullis and S. L. Barfuss. <i>Journal of Hydraulic Engineering</i> , 2021, 147, 07021001.	0.7	1
7	A Zero-Order Flood Damage Model for Regional-Scale Quick Assessments. <i>Water (Switzerland)</i> , 2021, 13, 1292.	1.2	2
8	Cost-benefit analysis of flood mitigation measures: a case study employing high-performance hydraulic and damage modelling. <i>Natural Hazards</i> , 2021, 108, 3061-3084.	1.6	10
9	Bayesian Data-Driven approach enhances synthetic flood loss models. <i>Environmental Modelling and Software</i> , 2020, 132, 104798.	1.9	7
10	Brief Communication: Simple-INSYDE, development of a new tool for flood damage evaluation from an existing synthetic model. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2937-2941.	1.5	3
11	Are flood damage models converging to "reality"? Lessons learnt from a blind test. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2997-3017.	1.5	38
12	Preface: Damage of natural hazards: assessment and mitigation. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 551-554.	1.5	12
13	AGRIDE-c, a conceptual model for the estimation of flood damage to crops: development and implementation. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 2565-2582.	1.5	23
14	Validation of flood risk models: Current practice and possible improvements. <i>International Journal of Disaster Risk Reduction</i> , 2019, 33, 441-448.	1.8	78
15	Hess Opinions: An interdisciplinary research agenda to explore the unintended consequences of structural flood protection. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 5629-5637.	1.9	67
16	A New Tool to Estimate Inundation Depths by Spatial Interpolation (RAPIDE): Design, Application and Impact on Quantitative Assessment of Flood Damages. <i>Water (Switzerland)</i> , 2018, 10, 1805.	1.2	17
17	Preface: Natural hazard event analysis for risk reduction and adaptation. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 963-968.	1.5	6
18	Adaptation to flood risk: Results of international paired flood event studies. <i>Earth's Future</i> , 2017, 5, 953-965.	2.4	156

#	ARTICLE	IF	CITATIONS
19	On the Influence of Input Data Quality to Flood Damage Estimation: The Performance of the INSYDE Model. <i>Water (Switzerland)</i> , 2017, 9, 688.	1.2	26
20	INSYDE: a synthetic, probabilistic flood damage model based on explicit cost analysis. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2577-2591.	1.5	99
21	Flood damage: a model for consistent, complete and multipurpose scenarios. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2783-2797.	1.5	25
22	Implementing the European "Floods Directive": the Case of the Po River Basin. <i>Water Resources Management</i> , 2016, 30, 1739-1756.	1.9	9
23	Ex post damage assessment: an Italian experience. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 901-916.	1.5	72
24	Assessing multifaceted vulnerability and resilience in order to design risk-mitigation strategies. <i>Natural Hazards</i> , 2012, 64, 2057-2082.	1.6	108
25	Review Article: Validation of flood risk models: current practice and innovations. , 0, , .		6