

# Marco Borga

## List of Publications by Year in descending order

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Version: 2024-02-01

183  
papers

13,926  
citations

16451

64  
h-index

24258

110  
g-index

204  
all docs

204  
docs citations

204  
times ranked

10363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential orographic impact on sub-hourly, hourly, and daily extreme precipitation. <i>Advances in Water Resources</i> , 2022, 159, 104085.	3.8	25
2	Scale-dependence of observational and modelling uncertainties in forensic flash flood analysis. <i>Journal of Hydrology</i> , 2022, 607, 127502.	5.4	5
3	Physical vulnerability to dynamic flooding: Vulnerability curves and vulnerability indices. <i>Journal of Hydrology</i> , 2022, 607, 127501.	5.4	18
4	Rainfall estimation by weather radar. , 2022, , 109-134.		0
5	Enhanced Summer Convection Explains Observed Trends in Extreme Subdaily Precipitation in the Eastern Italian Alps. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	11
6	Storm characteristics dictate sediment dynamics and geomorphic changes in mountain channels: A case study in the Italian Alps. <i>Geomorphology</i> , 2022, 403, 108173.	2.6	23
7	A comparative study of plant water extraction methods for isotopic analyses: Scholander-type pressure chamber vs. cryogenic vacuum distillation. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 3673-3689.	4.9	17
8	Orographic Effect on Extreme Precipitation Statistics Peaks at Hourly Time Scales. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091498.	4.0	19
9	Ressi experimental catchment: Ecohydrological research in the Italian <sc>preâ€Alps</sc>. <i>Hydrological Processes</i> , 2021, 35, e14095.	2.6	6
10	Multi-model convection-resolving simulations of the October 2018 Vaia storm over Northeastern Italy. <i>Atmospheric Research</i> , 2021, 253, 105455.	4.1	21
11	Heterogeneity in flood risk awareness: A longitudinal, latent class model approach. <i>Journal of Hydrology</i> , 2021, 599, 126255.	5.4	6
12	Reducing hydrological modelling uncertainty by using MODIS snow cover data and a topography-based distribution function snowmelt model. <i>Journal of Hydrology</i> , 2021, 599, 126020.	5.4	33
13	Longitudinal survey data for diversifying temporal dynamics in flood risk modelling. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2811-2828.	3.6	4
14	No evidence of isotopic fractionation in olive trees (<i>Olea europaea</i>): a stable isotope tracing experiment. <i>Hydrological Sciences Journal</i> , 2021, 66, 2415-2430.	2.6	11
15	Sedimentâ€™water flows in mountain catchments: Insights into transport mechanisms as responses to high-magnitude hydrological events. <i>Journal of Hydrology</i> , 2021, 602, 126716.	5.4	10
16	Depth distribution of soil water sourced by plants at the global scale: A new direct inference approach. <i>Ecohydrology</i> , 2020, 13, e2177.	2.4	43
17	A Unified Framework for Extreme Subdaily Precipitation Frequency Analyses Based on Ordinary Events. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090209.	4.0	32
18	Multi-temporal scale analysis of complementarity between hydro and solar power along an alpine transect. <i>Science of the Total Environment</i> , 2020, 741, 140179.	8.0	9

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19	Complementarity between Combined Heat and Power Systems, Solar PV and Hydropower at a District Level: Sensitivity to Climate Characteristics along an Alpine Transect. <i>Energies</i> , 2020, 13, 4156.	3.1	9
20	The Role of Experience and Different Sources of Knowledge in Shaping Flood Risk Awareness. <i>Water (Switzerland)</i> , 2020, 12, 2130.	2.7	27
21	Impact of Geology on Seasonal Hydrological Predictability in Alpine Regions by a Sensitivity Analysis Framework. <i>Water (Switzerland)</i> , 2020, 12, 2255.	2.7	13
22	Exploration of gate trench module for vertical GaN devices. <i>Microelectronics Reliability</i> , 2020, 114, 113828.	1.7	6
23	Restoring a glacier-fed river: Past and present morphodynamics of a degraded channel in the Italian Alps. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 2804-2823.	2.5	15
24	The impact of glacier shrinkage on energy production from hydropower-solar complementarity in alpine river basins. <i>Science of the Total Environment</i> , 2020, 719, 137488.	8.0	19
25	Exploring changes in hydrogeological risk awareness and preparedness over time: a case study in northeastern Italy. <i>Hydrological Sciences Journal</i> , 2020, 65, 1049-1059.	2.6	38
26	Comparison of MODIS and Model-Derived Snow-Covered Areas: Impact of Land Use and Solar Illumination Conditions. <i>Geosciences (Switzerland)</i> , 2020, 10, 134.	2.2	18
27	Alternative methods to determine the $\delta^2\text{H}$ - $\delta^{18}\text{O}$ relationship: An application to different water types. <i>Journal of Hydrology</i> , 2020, 587, 124951.	5.4	19
28	Occurrence and Characteristics of Flash Floods in Bavaria (Germany). <i>Climate Change Management</i> , 2020, , 293-310.	0.8	5
29	A flood-risk-oriented, dynamic protection motivation framework to explain risk reduction behaviours. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 287-298.	3.6	20
30	Hydrometeorological Analysis of an Extreme Flash-Flood: The 28 September 2012 Event in Murcia, South-Eastern Spain. <i>Climate Change Management</i> , 2020, , 3-26.	0.8	1
31	Objective Analysis of Envelope Curves for Peak Floods of European and Mediterranean Flash Floods. <i>Climate Change Management</i> , 2020, , 267-276.	0.8	3
32	Understanding hydrological processes in glacierized catchments: Evidence and implications of highly variable isotopic and electrical conductivity data. <i>Hydrological Processes</i> , 2019, 33, 816-832.	2.6	38
33	Hazard assessment and forecasting of landslides and debris flows: A case study in Northern Italy. , 2019, , 343-367.		2
34	Changing climate both increases and decreases European river floods. <i>Nature</i> , 2019, 573, 108-111.	27.8	639
35	Relevance and Scale Dependence of Hydrological Changes in Glacierized Catchments: Insights from Historical Data Series in the Eastern Italian Alps. <i>Water (Switzerland)</i> , 2019, 11, 89.	2.7	10
36	Forensic analysis of flash flood response. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1338.	6.5	30

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37	TOPMELT 1.0: a topography-based distribution function approach to snowmelt simulation for hydrological modelling at basin scale. <i>Geoscientific Model Development</i> , 2019, 12, 5251-5265.	3.6	20
38	Evaluation of GPM-era Global Satellite Precipitation Products over Multiple Complex Terrain Regions. <i>Remote Sensing</i> , 2019, 11, 2936.	4.0	74
39	Quantification of subsurface hydrologic connectivity in four headwater catchments using graph theory. <i>Science of the Total Environment</i> , 2019, 646, 1265-1280.	8.0	42
40	Coupled prediction of flash flood response and debris flow occurrence: Application on an alpine extreme flood event. <i>Journal of Hydrology</i> , 2018, 558, 225-237.	5.4	59
41	Scaling precipitation extremes with temperature in the Mediterranean: past climate assessment and projection in anthropogenic scenarios. <i>Climate Dynamics</i> , 2018, 51, 1237-1257.	3.8	100
42	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.	4.9	67
43	Evaluation of predictive models for post-fire debris flow occurrence in the western United States. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 2331-2343.	3.6	18
44	Basin-scale analysis of the geomorphic effectiveness of flash floods: A study in the northern Apennines (Italy). <i>Science of the Total Environment</i> , 2018, 640-641, 337-351.	8.0	48
45	Exposure to Flash Floods: The Conflict Between Human Mobility and Water Mobility. , 2018, , 211-240.		1
46	Impact of Climate Change on Combined Solar and Run-of-River Power in Northern Italy. <i>Energies</i> , 2018, 11, 290.	3.1	28
47	Advancing Precipitation Estimation and Streamflow Simulations in Complex Terrain with X-Band Dual-Polarization Radar Observations. <i>Remote Sensing</i> , 2018, 10, 1258.	4.0	23
48	Runoff generation in mountain catchments: long-term hydrological monitoring in the Rio Vauz Catchment, Italy. <i>Cuadernos De Investigacion Geografica</i> , 2018, 44, 397-428.	1.1	22
49	Integrated high-resolution dataset of high-intensity European and Mediterranean flash floods. <i>Earth System Science Data</i> , 2018, 10, 1783-1794.	9.9	62
50	Geomorphic response to an extreme flood in two Mediterranean rivers (northeastern Sardinia, Italy): Analysis of controlling factors. <i>Geomorphology</i> , 2017, 290, 184-199.	2.6	81
51	Modeling Satellite Precipitation Errors Over Mountainous Terrain: The Influence of Gauge Density, Seasonality, and Temporal Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 4130-4140.	6.3	38
52	Spatial estimation of debris flows-triggering rainfall and its dependence on rainfall return period. <i>Geomorphology</i> , 2017, 278, 269-279.	2.6	37
53	Space-time variability of climate variables and intermittent renewable electricity production “ A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 600-617.	16.4	188
54	Land use change impacts on floods at the catchment scale: Challenges and opportunities for future research. <i>Water Resources Research</i> , 2017, 53, 5209-5219.	4.2	269

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55	Assessing small hydro/solar power complementarity in ungauged mountainous areas: A crash test study for hydrological prediction methods. <i>Energy</i> , 2017, 127, 716-729.	8.8	48
56	Estimating the water budget components and their variability in a pre-alpine basin with JGrass-NewAGE. <i>Advances in Water Resources</i> , 2017, 104, 37-54.	3.8	21
57	Changing climate shifts timing of European floods. <i>Science</i> , 2017, 357, 588-590.	12.6	584
58	Satellite Rainfall Estimates for Debris Flow Prediction: An Evaluation Based on Rainfall Accumulationâ€“Duration Thresholds. <i>Journal of Hydrometeorology</i> , 2017, 18, 2207-2214.	1.9	31
59	Response time and water origin in a steep nested catchment in the Italian Dolomites. <i>Hydrological Processes</i> , 2017, 31, 768-782.	2.6	31
60	Impact of rainfall spatial aggregation on the identification of debris flow occurrence thresholds. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4525-4532.	4.9	51
61	Satellite Rainfall Error Analysis with the Use of High-Resolution X-Band Dual-Polarization Radar Observations Over the Italian Alps. <i>Springer Atmospheric Sciences</i> , 2017, , 279-286.	0.3	5
62	Error Analysis of Satellite Precipitation-Driven Modeling of Flood Events in Complex Alpine Terrain. <i>Remote Sensing</i> , 2016, 8, 293.	4.0	41
63	Catchmentâ€“Scale Permafrost Mapping using Spring Water Characteristics. <i>Permafrost and Periglacial Processes</i> , 2016, 27, 253-270.	3.4	25
64	An integrated approach for investigating geomorphic response to extreme events: methodological framework and application to the <scp>October</scp> 2011 flood in the Magra River catchment, <scp>Italy</scp>. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 835-846.	2.5	45
65	Post-event analysis and flash flood hydrology in Slovakia. <i>Journal of Hydrology and Hydromechanics</i> , 2016, 64, 304-315.	2.0	15
66	Hydrological response of an Alpine catchment to rainfall and snowmelt events. <i>Journal of Hydrology</i> , 2016, 537, 382-397.	5.4	75
67	Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. <i>Hydrological Sciences Journal</i> , 2016, 61, 2803-2817.	2.6	57
68	Multiregional Satellite Precipitation Products Evaluation over Complex Terrain. <i>Journal of Hydrometeorology</i> , 2016, 17, 1817-1836.	1.9	123
69	Hydrometeorological Characterization of a Flash Flood Associated with Major Geomorphic Effects: Assessment of Peak Discharge Uncertainties and Analysis of the Runoff Response. <i>Journal of Hydrometeorology</i> , 2016, 17, 3063-3077.	1.9	36
70	A versatile index to characterize hysteresis between hydrological variables at the runoff event timescale. <i>Hydrological Processes</i> , 2016, 30, 1449-1466.	2.6	105
71	Spaceâ€“time organization of debris flows-triggering rainfall and its effect on the identification of the rainfall threshold relationship. <i>Journal of Hydrology</i> , 2016, 541, 246-255.	5.4	66
72	Evaluating Satellite Precipitation Error Propagation in Runoff Simulations of Mountainous Basins. <i>Journal of Hydrometeorology</i> , 2016, 17, 1407-1423.	1.9	50

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73	Channel response to extreme floods: Insights on controlling factors from six mountain rivers in northern Apennines, Italy. <i>Geomorphology</i> , 2016, 272, 78-91.	2.6	89
74	Anticipating flash-floods: Multi-scale aspects of the social response. <i>Journal of Hydrology</i> , 2016, 541, 626-635.	5.4	20
75	Upper limits of flash flood stream power in Europe. <i>Geomorphology</i> , 2016, 272, 68-77.	2.6	52
76	Increasing climate-related-energy penetration by integrating run-of-the river hydropower to wind/solar mix. <i>Renewable Energy</i> , 2016, 87, 686-696.	8.9	86
77	Complementarity between solar and hydro power: Sensitivity study to climate characteristics in Northern-Italy. <i>Renewable Energy</i> , 2016, 86, 543-553.	8.9	112
78	Rainfall estimation from in situ soil moisture observations at several sites in Europe: an evaluation of the SM2RAIN algorithm. <i>Journal of Hydrology and Hydromechanics</i> , 2015, 63, 201-209.	2.0	73
79	Debris flows in the eastern Italian Alps: seasonality and atmospheric circulation patterns. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 647-656.	3.6	31
80	Dynamics of large wood during a flash flood in two mountain catchments. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 1741-1755.	3.6	73
81	The relative role of hillslope and river network routing in the hydrologic response to spatially variable rainfall fields. <i>Journal of Hydrology</i> , 2015, 531, 349-359.	5.4	14
82	Reply to "Comments on "Error Analysis of Satellite Precipitation Products in Mountainous Basins". <i>Journal of Hydrometeorology</i> , 2015, 16, 1445-1446.	1.9	2
83	Estimation of debris flow triggering rainfall: Influence of rain gauge density and interpolation methods. <i>Geomorphology</i> , 2015, 243, 40-50.	2.6	79
84	Spatio-temporal variability of piezometric response on two steep alpine hillslopes. <i>Hydrological Processes</i> , 2015, 29, 198-211.	2.6	41
85	Seasonal changes in runoff generation in a small forested mountain catchment. <i>Hydrological Processes</i> , 2015, 29, 2027-2042.	2.6	95
86	Understanding flood regime changes in Europe: a state-of-the-art assessment. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2735-2772.	4.9	423
87	The influence of grid resolution on the prediction of natural and road-related shallow landslides. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2127-2139.	4.9	50
88	Catchment-scale storm velocity: quantification, scale dependence and effect on flood response. <i>Hydrological Sciences Journal</i> , 2014, 59, 1363-1376.	2.6	28
89	HyMeX: A 10-Year Multidisciplinary Program on the Mediterranean Water Cycle. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1063-1082.	3.3	288
90	HyMeX-SOP1: The Field Campaign Dedicated to Heavy Precipitation and Flash Flooding in the Northwestern Mediterranean. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1083-1100.	3.3	262

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91	Social and Hydrological Responses to Extreme Precipitations: An Interdisciplinary Strategy for Postflood Investigation. <i>Weather, Climate, and Society</i> , 2014, 6, 135-153.	1.1	66
92	Integrating hydropower and intermittent climate-related renewable energies: a call for hydrology. <i>Hydrological Processes</i> , 2014, 28, 5465-5468.	2.6	38
93	Rainfall organization control on the flood response of mild-slope basins. <i>Journal of Hydrology</i> , 2014, 510, 565-577.	5.4	19
94	A new monitoring station for debris flows in the European Alps: first observations in the Gadria basin. <i>Natural Hazards</i> , 2014, 73, 1175-1198.	3.4	86
95	Radar rainfall estimation for the identification of debris-flow occurrence thresholds. <i>Journal of Hydrology</i> , 2014, 519, 1607-1619.	5.4	77
96	Error Analysis of Satellite Precipitation Products in Mountainous Basins. <i>Journal of Hydrometeorology</i> , 2014, 15, 1778-1793.	1.9	149
97	Impact of uncertainty in rainfall estimation on the identification of rainfall thresholds for debris flow occurrence. <i>Geomorphology</i> , 2014, 221, 286-297.	2.6	134
98	Hydrogeomorphic response to extreme rainfall in headwater systems: Flash floods and debris flows. <i>Journal of Hydrology</i> , 2014, 518, 194-205.	5.4	329
99	A field and modeling study of nonlinear storage-discharge dynamics for an Alpine headwater catchment. <i>Water Resources Research</i> , 2014, 50, 806-822.	4.2	44
100	Characteristics of Flash Flood Regimes in the Mediterranean Region. <i>Advances in Natural and Technological Hazards Research</i> , 2014, , 65-76.	1.1	5
101	Precipitation and temperature space-time variability and extremes in the Mediterranean region: evaluation of dynamical and statistical downscaling methods. <i>Climate Dynamics</i> , 2013, 40, 2687-2705.	3.8	63
102	A space and time framework for analyzing human anticipation of flash floods. <i>Journal of Hydrology</i> , 2013, 482, 14-24.	5.4	75
103	7.9 Analysis of Flash-Flood Runoff Response, with Examples from Major European Events. , 2013, , 95-104.		4
104	Soil moisture temporal stability at different depths on two alpine hillslopes during wet and dry periods. <i>Journal of Hydrology</i> , 2013, 477, 55-71.	5.4	163
105	Towards Improved Understanding of Land Use Effect on Soil Moisture Variability: Analysis and Modeling at the Plot Scale. <i>Procedia Environmental Sciences</i> , 2013, 19, 456-464.	1.4	1
106	Role of Vegetation on Slope Stability under Transient Unsaturated Conditions. <i>Procedia Environmental Sciences</i> , 2013, 19, 932-941.	1.4	73
107	Tracing the Water Sources of Trees and Streams: Isotopic Analysis in a Small Pre-Alpine Catchment. <i>Procedia Environmental Sciences</i> , 2013, 19, 106-112.	1.4	33
108	Natural Hazards Assessment in Mountainous Terrains of Europe. , 2013, , 229-239.		4

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109	Rainfall Space-Time Organization and Orographic Control on Flash Flood Response: The Weisseritz Event of August 13, 2002. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 183-193.	1.9	18
110	Using High-Resolution Satellite Rainfall Products to Simulate a Major Flash Flood Event in Northern Italy. <i>Journal of Hydrometeorology</i> , 2013, 14, 171-185.	1.9	80
111	Forecasting, Early Warning and Event Management: Non-structural Protection Measures for Flash Floods and Debris Flows. <i>Advances in Global Change Research</i> , 2013, , 391-398.	1.6	3
112	Etat des connaissances r�centes acquises sur les crues �clair en Europe : bilan du projet de recherches europ�en HYDRATE (2006-2010). <i>Houille Blanche</i> , 2013, 99, 24-30.	0.3	2
113	Analysis of Flash-Flood Runoff Response, With Examples From Major European Events. , 2013, , 100-109.		1
114	Toward a Space�Time Framework for Integrated Water and Society Studies. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, ES89-ES91.	3.3	8
115	The missing link between flood risk awareness and preparedness: findings from case studies in an Alpine Region. <i>Natural Hazards</i> , 2012, 63, 499-520.	3.4	223
116	Assessment of gridded observations used for climate model validation in the Mediterranean region: the HyMeX and MED-CORDEX framework. <i>Environmental Research Letters</i> , 2012, 7, 024017.	5.2	26
117	Technical Note: Evaluation of between-sample memory effects in the analysis of $\delta^{18}O$ and $\delta^2H$ of water samples measured by laser spectrometers. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3925-3933.	4.9	78
118	Corrigendum to "Spatial moments of catchment rainfall: rainfall spatial organisation, basin morphology, and flood response" published in <i>Hydrol. Earth Syst. Sci.</i> , 15, 3767-3783, 2011. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 1237-1237.	4.9	0
119	Analysis of flash flood regimes in the North-Western and South-Eastern Mediterranean regions. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 1255-1265.	3.6	96
120	Extreme flood response to short-duration convective rainfall in South-West Germany. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 1543-1559.	4.9	47
121	Modelling shallow landslide susceptibility by means of a subsurface flow path connectivity index and estimates of soil depth spatial distribution. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3959-3971.	4.9	48
122	Flash Floods in Alpine Basins. , 2012, , 83-92.		0
123	What has been learned from the post flash flood surveys recently conducted in Europe?. , 2012, , .		0
124	Modeling shallow landsliding susceptibility by incorporating heavy rainfall statistical properties. <i>Geomorphology</i> , 2011, 133, 199-211.	2.6	57
125	The influence of soil moisture on threshold runoff generation processes in an alpine headwater catchment. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 689-702.	4.9	319
126	Spatial moments of catchment rainfall: rainfall spatial organisation, basin morphology, and flood response. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 3767-3783.	4.9	83



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127	Sensitivity of a mountain basin flash flood to initial wetness condition and rainfall variability. <i>Journal of Hydrology</i> , 2011, 402, 165-178.	5.4	76
128	Flash flood forecasting, warning and risk management: the HYDRATE project. <i>Environmental Science and Policy</i> , 2011, 14, 834-844.	4.9	256
129	Barriers to the exchange of hydrometeorological data in Europe: Results from a survey and implications for data policy. <i>Journal of Hydrology</i> , 2010, 394, 63-77.	5.4	62
130	Seasonal characteristics of flood regimes across the Alpine-Carpathian range. <i>Journal of Hydrology</i> , 2010, 394, 78-89.	5.4	181
131	Quantifying space-time dynamics of flood event types. <i>Journal of Hydrology</i> , 2010, 394, 213-229.	5.4	82
132	Performance evaluation of high-resolution rainfall estimation by X-band dual-polarization radar for flash flood applications in mountainous basins. <i>Journal of Hydrology</i> , 2010, 394, 4-16.	5.4	78
133	Characterisation of selected extreme flash floods in Europe and implications for flood risk management. <i>Journal of Hydrology</i> , 2010, 394, 118-133.	5.4	479
134	Which rainfall spatial information for flash flood response modelling? A numerical investigation based on data from the Carpathian range, Romania. <i>Journal of Hydrology</i> , 2010, 394, 148-161.	5.4	88
135	Flash floods: Observations and analysis of hydro-meteorological controls. <i>Journal of Hydrology</i> , 2010, 394, 1-3.	5.4	65
136	Hydrological analysis of a flash flood across a climatic and geologic gradient: The September 18, 2007 event in Western Slovenia. <i>Journal of Hydrology</i> , 2010, 394, 182-197.	5.4	57
137	Radar-driven high-resolution hydro-meteorological forecasts of the 26 September 2007 Venice flash flood. <i>Journal of Hydrology</i> , 2010, 394, 230-244.	5.4	43
138	On the reproducibility and repeatability of laser absorption spectroscopy measurements for $\delta^{18}\text{O}$ isotopic analysis. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 1551-1566.	4.9	116
139	Understanding the Scale Relationships of Uncertainty Propagation of Satellite Rainfall through a Distributed Hydrologic Model. <i>Journal of Hydrometeorology</i> , 2010, 11, 520-532.	1.9	98
140	Influence of rainfall spatial resolution on flash flood modelling. <i>Natural Hazards and Earth System Sciences</i> , 2009, 9, 575-584.	3.6	61
141	Hillslope scale soil moisture variability in a steep alpine terrain. <i>Journal of Hydrology</i> , 2009, 364, 311-327.	5.4	171
142	A compilation of data on European flash floods. <i>Journal of Hydrology</i> , 2009, 367, 70-78.	5.4	623
143	Controls on event runoff coefficients in the eastern Italian Alps. <i>Journal of Hydrology</i> , 2009, 375, 312-325.	5.4	149
144	Hydrometeorological controls and erosive response of an extreme alpine debris flow. <i>Hydrological Processes</i> , 2009, 23, 2714-2727.	2.6	38

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145	Comprehensive post-event survey of a flash flood in Western Slovenia: observation strategy and lessons learned. <i>Hydrological Processes</i> , 2009, 23, 3761-3770.	2.6	47
146	Flash flood warning in ungauged basins by use of the flash flood guidance and model-based runoff thresholds. <i>Meteorological Applications</i> , 2009, 16, 65-75.	2.1	78
147	Catchment dynamics and social response during flash floods: the potential of radar rainfall monitoring for warning procedures. <i>Meteorological Applications</i> , 2009, 16, 115-125.	2.1	67
148	Influence of rainfall and soil properties spatial aggregation on extreme flash flood response modelling: An evaluation based on the Sesia river basin, North Western Italy. <i>Advances in Water Resources</i> , 2009, 32, 1090-1106.	3.8	83
149	Radar rainfall estimation for the post-event analysis of a Slovenian flash-flood case: application of the Mountain Reference Technique at C-band frequency. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1349-1360.	4.9	26
150	Surveying flash floods: gauging the ungauged extremes. <i>Hydrological Processes</i> , 2008, 22, 3883-3885.	2.6	175
151	Analysis of hysteretic behaviour of a hillslope-storage kinematic wave model for subsurface flow. <i>Advances in Water Resources</i> , 2008, 31, 118-131.	3.8	24
152	Post-flood field investigations in upland catchments after major flash floods: proposal of a methodology and illustrations. <i>Journal of Flood Risk Management</i> , 2008, 1, 175-189.	3.3	162
153	Flash flood warning based on rainfall thresholds and soil moisture conditions: An assessment for gauged and ungauged basins. <i>Journal of Hydrology</i> , 2008, 362, 274-290.	5.4	299
154	Analysing the influence of upslope bedrock outcrops on shallow landsliding. <i>Geomorphology</i> , 2008, 93, 186-200.	2.6	36
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