Giuliano Di Baldassarre

List of Publications by Year
in descending order

166 papers	11,401 citations	29676 53 h-index	33030 98 g-index

271 all docs	271 docs citations	271 times ranked	11210 citing authors

#	Article	IF	Citations
1	Significant relationships between drought indicators and impacts for the 2018â€“2019 drought in Germany. Environmental Research Letters, 2024, 19, 014037.	5.2	2
2	Over-reliance on water infrastructure can hinder climate resilience in pastoral drylands. Nature Climate Change, 2024, 14, 267-274.	14.2	3
3	Exploring droughtâ€toâ€flood interactions and dynamics: A global case review. Wiley Interdisciplinary Reviews: Water, 2024, 11, .	7.0	3
4	Review article: Drought as a continuum â€“ memory effects in interlinked hydrological, ecological, and social systems. Natural Hazards and Earth System Sciences, 2024, 24, 3173-3205.	3.7	0
5	Unprecedented droughts are expected to exacerbate urban inequalities in Southern Africa. Nature Climate Change, 2023, 13, 98-105.	14.2	24
6	Urban water crises driven by elitesâ€™ unsustainable consumption. Nature Sustainability, 2023, 6, 929-940.	20.6	42
7	The wider the gap between rich and poor the higher the flood mortality. Nature Sustainability, 2023, 6, 995-1005.	20.6	11
8	Panta Rhei benchmark dataset: socio-hydrological data of paired events of floods and droughts. Earth System Science Data, 2023, 15, 2009-2023.	8.8	4
9	Drought and Human Mobility in Africa. Earth's Future, 2023, 11, .	6.2	1
10	Groundwater Vulnerability in a Megacity Under Climate and Economic Changes: A Coupled Sociohydrological Analysis. Water Resources Research, 2023, 59, .	4.1	1
11	Disaster risk reduction and the limits of truisms: Improving the knowledge and practice interface. International Journal of Disaster Risk Reduction, 2022, 67, 102661.	3.9	15
12	Drought and society: Scientific progress, blind spots, and future prospects. Wiley Interdisciplinary Reviews: Climate Change, 2022, 13, .	8.8	32
13	Do the Benefits of School Closure Outweigh Its Costs?. International Journal of Environmental Research and Public Health, 2022, 19, 2500.	2.7	12
14	Revision of the genus Doratura Sahlberg (Hemiptera, Cicadellidae, Deltocephalinae) with particular regard to its distribution in Italy and description of four new species. Zootaxa, 2022, 5112, 1-116.	0.6	0
15	Dix ans dÃ©jÃ. StratÃ©gique, 2022, NÂ° 126-127, 7-7.	0.0	0
16	Streamflow droughts aggravated by human activities despite management. Environmental Research Letters, 2022, 17, 044059.	5.2	28
17	Epidemic risk perceptions in Italy and Sweden driven by authority responses to COVID-19. Scientific Reports, 2022, 12, .	3.4	2
18	COVID-19 vaccine hesitancy in Sweden and Italy: The role of trust in authorities. Scandinavian Journal of Public Health, 2022, 50, 803-809.	2.5	9

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19	Exploring disaster impacts on adaptation actions in 549 cities worldwide. Nature Communications, 2022, 13, .	13.0	30
20	The challenge of unprecedented floods and droughts in risk management. Nature, 2022, 608, 80-86.	35.8	169
21	On capturing human agency and methodological interdisciplinarity in socio-hydrology research. Hydrological Sciences Journal, 2022, 67, 1905-1916.	2.6	10
22	Go together, to go further! Reply to â€œHumanâ€“water research: discussion of â€˜Guiding principles for hydrologists conducting interdisciplinary research and fieldwork with participantsâ€™â€•. Hydrological Sciences Journal, 2022, 67, 2211-2213.	2.6	2
23	Social-ecological system approaches for water resources management. International Journal of Sustainable Development and World Ecology, 2021, 28, 109-124.	5.9	35
24	Effects of the MAGIC Guidelines on PICC Placement Volume: Advanced Practice Provider and Physician Trends Among Medicare Beneficiaries From 2010 to 2018. American Journal of Roentgenology, 2021, 216, 1387-1391.	2.8	9
25	Floodplains in the Anthropocene: A Global Analysis of the Interplay Between Human Population, Built Environment, and Flood Severity. Water Resources Research, 2021, 57, e2020WR027744.	4.1	34
26	Guiding principles for hydrologists conducting interdisciplinary research and fieldwork with participants. Hydrological Sciences Journal, 2021, 66, 214-225.	2.6	28
27	The legacy of large dams in the United States. Ambio, 2021, 50, 1798-1808.	5.7	12
28	Self-Activated Catalytic Sites on Nanoporous Dilute Alloy for High-Efficiency Electrochemical Hydrogen Evolution. ACS Nano, 2021, 15, 5333-5340.	15.1	62
29	Understanding transitions in farming systems and their effects on livestock rearing and smallholder livelihoods in Telangana, India. Ambio, 2021, 50, 1809-1823.	5.7	5
30	Donâ€™t blame the rain: Social power and the 2015â€“2017 drought in Cape Town. Journal of Hydrology, 2021, 594, 125953.	5.5	52
31	Scenarios of Human Responses to Unprecedented Socialâ€Environmental Extreme Events. Earth's Future, 2021, 9, e2020EF001911.	6.2	16
32	Anthropogenic Drought: Definition, Challenges, and Opportunities. Reviews of Geophysics, 2021, 59, e2019RG000683.	23.1	157
33	Scientists' warning on extreme wildfire risks to water supply. Hydrological Processes, 2021, 35, e14086.	2.6	65
34	RÃ©ponse de E.ÂVerspyck et al. Ã la correspondance de R.ÂBessis et al. Ã propos de la Tribune Libre de E.ÂVerspyck et al.Â:ÂÂ«ÂQuel rÃ©fÃ©rentiel de courbe de croissance fÅ“tale faut-il dorÃ©navant choisir pour notre pays?ÂÂ» GynÃ©cologie-ObstÃ©trique FertilitÃ© & SÃ©nologie2021: 49 (11) S246871892100129X.https://doi.org/10.1016/j.gofs.2021.05.001. Gynecologie Obstetrique Fertilite Et Senologie, 2021, 49, 876-877.	0.2	0
35	The prognostic impact of BIA-derived fat-free mass index in patients with cancer. Clinical Nutrition, 2021, 40, 3901-3907.	5.1	17
36	Heterogeneity in flood risk awareness: A longitudinal, latent class model approach. Journal of Hydrology, 2021, 599, 126255.	5.5	7

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37	A parallel computing-based and spatially stepwise strategy for constraining a semi-distributed hydrological model with streamflow observations and satellite-based evapotranspiration. Journal of Hydrology, 2021, 599, 126359.	5.5	11
38	Integrating Multiple Research Methods to Unravel the Complexity of Humanâ€Water Systems. AGU Advances, 2021, 2, e2021AV000473.	6.1	15
39	Global riverine flood risk â€“ how do hydrogeomorphic floodplain maps compare to flood hazard maps?. Natural Hazards and Earth System Sciences, 2021, 21, 2921-2948.	3.7	12
40	Longitudinal survey data for diversifying temporal dynamics in flood risk modelling. Natural Hazards and Earth System Sciences, 2021, 21, 2811-2828.	3.7	4
41	Exposure to natural hazard events unassociated with policy change for improved disaster risk reduction. Nature Communications, 2021, 12, 193.	13.0	65
42	Multiple hazards and risk perceptions over time: the availability heuristic in Italy and Sweden under COVID-19. Natural Hazards and Earth System Sciences, 2021, 21, 3439-3447.	3.7	16
43	Basic Life Support Awareness in Pakistan: Still in Embryonic Phase. European Journal of Medical and Health Sciences, 2021, 3, 24-27.	0.2	0
44	Exploring the role of risk perception in influencing flood losses over time. Hydrological Sciences Journal, 2020, 65, 12-20.	2.6	34
45	Household resilience to climate change hazards in Uganda. International Journal of Climate Change Strategies and Management, 2020, 12, 59-73.	3.4	22
46	Swimming alone? Why linking flood risk perception and behavior requires more than â€œit's the individual, stupidâ€• Wiley Interdisciplinary Reviews: Water, 2020, 7, e1462.	7.0	41
47	The need to integrate flood and drought disaster risk reduction strategies. Water Security, 2020, 11, 100070.	2.5	105
48	The Role of Experience and Different Sources of Knowledge in Shaping Flood Risk Awareness. Water (Switzerland), 2020, 12, 2130.	2.8	31
49	Public perceptions of multiple risks during the COVID-19 pandemic in Italy and Sweden. Scientific Data, 2020, 7, 434.	5.3	26
50	Changes in physiological activities and root exudation profile of two grapevine rootstocks reveal common and specific strategies for Fe acquisition. Scientific Reports, 2020, 10, 18839.	3.4	20
51	BMSC-derived exosomes from congenital polydactyly tissue alleviate osteoarthritis by promoting chondrocyte proliferation. Cell Death Discovery, 2020, 6, 142.	4.7	27
52	Socio-Hydrological Modelling: The Influence of Reservoir Management and Societal Responses on Flood Impacts. Water (Switzerland), 2020, 12, 1384.	2.8	14
53	Concurrent wet and dry hydrological extremes at the global scale. Earth System Dynamics, 2020, 11, 251-266.	7.0	59
54	A review of freely accessible global datasets for the study of floods, droughts and their interactions with human societies. Wiley Interdisciplinary Reviews: Water, 2020, 7, e1424.	7.0	37

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55	Extreme dry and wet spells face changes in their duration and timing. Environmental Research Letters, 2020, 15, 074040.	5.2	52
56	Brief communication: Comparing hydrological and hydrogeomorphic paradigms for global flood hazard mapping. Natural Hazards and Earth System Sciences, 2020, 20, 1415-1419.	3.7	24
57	Brief communication: Hurricane Dorian: automated near-real-time mapping of the â€œunprecedentedâ€• flooding in the Bahamas using synthetic aperture radar. Natural Hazards and Earth System Sciences, 2020, 20, 1463-1468.	3.7	6
58	The interplay between reservoir storage and operating rules under evolving conditions. Journal of Hydrology, 2020, 590, 125270.	5.5	27
59	Water management for irrigation, crop yield and social attitudes: a socio-agricultural agent-based model to explore a collective action problem. Hydrological Sciences Journal, 2020, 65, 1815-1829.	2.6	20
60	The interplay between structural flood protection, population density, and flood mortality along the Jamuna River, Bangladesh. Regional Environmental Change, 2020, 20, 5.	2.9	36
61	Exploring changes in hydrogeological risk awareness and preparedness over time: a case study in northeastern Italy. Hydrological Sciences Journal, 2020, 65, 1049-1059.	2.6	42
62	A flood-risk-oriented, dynamic protection motivation framework to explain risk reduction behaviours. Natural Hazards and Earth System Sciences, 2020, 20, 287-298.	3.7	26
63	Nivel de depresiÃ³n del adulto mayor de la Casa de dÃa de la Cruz de Mangas, Tezontepec de Aldama. XIKUA BoletÃn CientÃfico De La Escuela Superior De Tlahuelilpan, 2020, 8, 20-24.	0.0	0
64	The Costs of Living with Floods in the Jamuna Floodplain in Bangladesh. Water (Switzerland), 2019, 11, 1238.	2.8	38
65	Sociohydrology: Scientific Challenges in Addressing the Sustainable Development Goals. Water Resources Research, 2019, 55, 6327-6355.	4.1	263
66	Active Layer Groundwater Flow: The Interrelated Effects of Stratigraphy, Thaw, and Topography. Water Resources Research, 2019, 55, 6555-6576.	4.1	35
67	Interdisciplinary Critical Geographies of Water: Capturing the Mutual Shaping of Society and Hydrological Flows. Water (Switzerland), 2019, 11, 1973.	2.8	40
68	Implementing an Extended Kalman Filter for estimating nutrient composition in a sequential batch MBBR pilot plant. Water Science and Technology, 2019, 80, 317-328.	2.5	10
69	Space-time disaggregation of precipitation and temperature across different climates and spatial scales. Journal of Hydrology: Regional Studies, 2019, 21, 126-146.	2.5	20
70	Twenty-three unsolved problems in hydrology (UPH) â€“ a community perspective. Hydrological Sciences Journal, 2019, 64, 1141-1158.	2.6	556
71	The levee effect along the Jamuna River in Bangladesh. Water International, 2019, 44, 496-519.	1.2	32
72	Design Flood Estimation: Exploring the Potentials and Limitations of Two Alternative Approaches. Water (Switzerland), 2019, 11, 729.	2.8	2

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73	Priorities and Interactions of Sustainable Development Goals (SDGs) with Focus on Wetlands. Water (Switzerland), 2019, 11, 619.	2.8	80
74	Is observation uncertainty masking the signal of land use change impacts on hydrology?. Journal of Hydrology, 2019, 570, 393-400.	5.5	8
75	GFPLAIN250m, a global high-resolution dataset of Earthâ€™s floodplains. Scientific Data, 2019, 6, 180309.	5.3	99
76	An Integrative Research Framework to Unravel the Interplay of Natural Hazards and Vulnerabilities. Earth's Future, 2018, 6, 305-310.	6.2	53
77	Hydrological change: Towards a consistent approach to assess changes on both floods and droughts. Advances in Water Resources, 2018, 111, 31-35.	3.8	30
78	Water shortages worsened by reservoir effects. Nature Sustainability, 2018, 1, 617-622.	20.6	245
79	Model averaging versus model selection: estimating design floods with uncertain river flow data. Hydrological Sciences Journal, 2018, 63, 1913-1926.	2.6	16
80	Hess Opinions: An interdisciplinary research agenda to explore the unintended consequences of structural flood protection. Hydrology and Earth System Sciences, 2018, 22, 5629-5637.	4.9	75
81	Reply to Discussion of â€œPerceptual models of uncertainty for socio-hydrological systems: a flood risk change exampleâ€. Hydrological Sciences Journal, 2018, 63, 2001-2003.	2.6	0
82	Socio-hydrological spaces in the Jamuna River floodplain in Bangladesh. Hydrology and Earth System Sciences, 2018, 22, 5159-5173.	4.9	29
83	Nighttime light data reveal how flood protection shapes human proximity to rivers. Science Advances, 2018, 4, eaar5779.	10.8	66
84	Flood Hazard Mapping in Dataâ€Scarce Areas. Geophysical Monograph Series, 2018, , 79-86.	0.0	0
85	Event and model dependent rainfall adjustments to improve discharge predictions. Hydrological Sciences Journal, 2017, 62, 232-245.	2.6	9
86	Impact of the timing of a SAR image acquisition on the calibration of a flood inundation model. Advances in Water Resources, 2017, 100, 126-138.	3.8	28
87	Impact of social preparedness on flood early warning systems. Water Resources Research, 2017, 53, 522-534.	4.1	52
88	Socio-hydrological modelling of flood-risk dynamics: comparing the resilience of green and technological systems. Hydrological Sciences Journal, 2017, 62, 880-891.	2.6	75
89	Perceptual models of uncertainty for socio-hydrological systems: a flood risk change example. Hydrological Sciences Journal, 2017, 62, 1705-1713.	2.6	42
90	Can weather generation capture precipitation patterns across different climates, spatial scales and under data scarcity?. Scientific Reports, 2017, 7, 5449.	3.4	34

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91	Adaptation to flood risk: Results of international paired flood event studies. Earth's Future, 2017, 5, 953-965.	6.2	176
92	Simple vs complex rating curves: accounting for measurement uncertainty, slope ratio and sample size. Hydrological Sciences Journal, 2017, 62, 2072-2082.	2.6	10
93	Reproducing an extreme flood with uncertain post-event information. Hydrology and Earth System Sciences, 2017, 21, 3597-3618.	4.9	14
94	Drought and flood in the Anthropocene: feedback mechanisms in reservoir operation. Earth System Dynamics, 2017, 8, 225-233.	7.0	136
95	Drought in a human-modified world: reframing drought definitions, understanding, and analysis approaches. Hydrology and Earth System Sciences, 2016, 20, 3631-3650.	4.9	312
96	An intercomparison of remote sensing river discharge estimation algorithms from measurements of river height, width, and slope. Water Resources Research, 2016, 52, 4527-4549.	4.1	175
97	Probabilistic Flood Maps to support decisionâ€making: Mapping the Value of Information. Water Resources Research, 2016, 52, 1026-1043.	4.1	67
98	Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. Hydrological Sciences Journal, 2016, 61, 2803-2817.	2.6	64
99	A new methodology to define homogeneous regions through an entropy based clustering method. Advances in Water Resources, 2016, 96, 237-250.	3.8	26
100	Optimal cross-sectional sampling for river modelling with bridges: An information theory-based method. AIP Conference Proceedings, 2016, , .	0.2	2
101	Testing new sources of topographic data for flood propagation modelling under structural, parameter and observation uncertainty. Hydrological Sciences Journal, 2016, 61, 1707-1715.	2.6	12
102	Increasing flood risk under climate change: a pan-European assessment of the benefits of four adaptation strategies. Climatic Change, 2016, 136, 507-521.	3.7	135
103	Drought in the Anthropocene. Nature Geoscience, 2016, 9, 89-91.	11.7	586
104	A theoretical model of water and trade. Advances in Water Resources, 2016, 89, 32-41.	3.8	22
105	The seventh facet of uncertainty: wrong assumptions, unknowns and surprises in the dynamics of humanâ€“water systems. Hydrological Sciences Journal, 2016, 61, 1748-1758.	2.6	76
106	Bygone eras vs. the good Ol' days: how consumption context and self-construal influence nostalgic appeal selection. International Journal of Advertising, 2016, 35, 589-615.	6.5	21
107	Debatesâ€"Perspectives on socioâ€hydrology: Capturing feedbacks between physical and social processes. Water Resources Research, 2015, 51, 4770-4781.	4.1	350
108	Assessing the impact of different sources of topographic data on 1-D hydraulic modelling of floods. Hydrology and Earth System Sciences, 2015, 19, 631-643.	4.9	84

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109	Remotely Sensed Nightlights to Map Societal Exposure to Hydrometeorological Hazards. Remote Sensing, 2015, 7, 12380-12399.	4.1	5
110	A review of lowâ€cost spaceâ€borne data for flood modelling: topography, flood extent and water level. Hydrological Processes, 2015, 29, 3368-3387.	2.6	110
111	The failed-levee effect: Do societies learn from flood disasters?. Natural Hazards, 2015, 76, 373-388.	3.4	88
112	Flood risk mitigation in developing countries: deriving accurate topographic data for remote areas under severe time and economic constraints. Journal of Flood Risk Management, 2015, 8, 301-314.	3.4	14
113	Testing different cross-section spacing in 1D hydraulic modelling: a case study on Johor River, Malaysia. Hydrological Sciences Journal, 2015, 60, 351-360.	2.6	19
114	Global and Low-Cost Topographic Data to Support Flood Studies. , 2015, , 105-123.		0
115	KULTURisk Methodology Application. , 2015, , 201-211.		2
116	Advancing catchment hydrology to deal with predictions under change. Hydrology and Earth System Sciences, 2014, 18, 649-671.	4.9	84
117	Floods and societies: the spatial distribution of waterâ€related disaster risk and its dynamics. Wiley Interdisciplinary Reviews: Water, 2014, 1, 133-139.	7.0	40
118	Flooding Hazard Mapping in Floodplain Areas Affected by Piping Breaches in the Po River, Italy. Journal of Hydrologic Engineering - ASCE, 2014, 19, 717-731.	2.1	62
119	An entropy approach for the optimization of cross-section spacing for river modelling. Hydrological Sciences Journal, 2014, 59, 126-137.	2.6	29
120	Flood modelling: parameterisation and inflow uncertainty. Water Management, 2014, 167, 51-60.	1.3	11
121	Insights from socio-hydrology modelling on dealing with flood risk â€“ Roles of collective memory, risk-taking attitude and trust. Journal of Hydrology, 2014, 518, 71-82.	5.5	232
122	Data errors and hydrological modelling: The role of model structure to propagate observation uncertainty. Advances in Water Resources, 2013, 51, 498-504.	3.8	56
123	â€œPanta Rheiâ€”Everything Flowsâ€: Change in hydrology and societyâ€”The IAHS Scientific Decade 2013â€“2022. Hydrological Sciences Journal, 2013, 58, 1256-1275.	2.6	593
124	Characterizing Climate Model Uncertainty Using an Informal Bayesian Framework: Application to the River Nile. Journal of Hydrologic Engineering - ASCE, 2013, 18, 582-589.	2.1	8
125	Exploring the potential of SRTM topographic data for flood inundation modelling under uncertainty. Journal of Hydroinformatics, 2013, 15, 849-861.	2.4	49
126	Downscaling technique uncertainty in assessing hydrological impact of climate change in the Upper Beles River Basin, Ethiopia. Hydrology Research, 2013, 44, 377-398.	2.4	23

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127	Reconstruction and analysis of the Po River inundation of 1951. Hydrological Processes, 2013, 27, 1341-1348.	2.6	28
128	Detailed data is welcome, but with a pinch of salt: Accuracy, precision, and uncertainty in flood inundation modeling. Water Resources Research, 2013, 49, 6079-6085.	4.1	143
129	The role of risk perception in making flood risk management more effective. Natural Hazards and Earth System Sciences, 2013, 13, 3013-3030.	3.7	66
130	Towards understanding the dynamic behaviour of floodplains as human-water systems. Hydrology and Earth System Sciences, 2013, 17, 3235-3244.	4.9	204
131	Socio-hydrology: conceptualising human-flood interactions. Hydrology and Earth System Sciences, 2013, 17, 3295-3303.	4.9	423
132	An entropy method for floodplain monitoring network design. AIP Conference Proceedings, 2012, , .	0.2	10
133	Uncertainty in design flood profiles derived by hydraulic modelling. Hydrology Research, 2012, 43, 753-761.	2.4	51
134	Effect of observation errors on the uncertainty of design floods. Physics and Chemistry of the Earth, 2012, 42-44, 85-90.	3.1	36
135	The Use of Radar Imagery in Riverine Flood Inundation Studies. , 2012, , 115-140.		17
136	Is the current flood of data enough? A treatise on research needs for the improvement of flood modelling. Hydrological Processes, 2012, 26, 153-158.	2.6	66
137	Future hydrology and climate in the River Nile basin: a review. Hydrological Sciences Journal, 2011, 56, 199-211.	2.6	113
138	Floodplain management in Africa: Large scale analysis of flood data. Physics and Chemistry of the Earth, 2011, 36, 292-298.	3.1	30
139	Recent advances in mapping and modelling flood processes in lowland areas. Physics and Chemistry of the Earth, 2011, 36, 221-222.	3.1	2
140	Selecting the appropriate hydraulic model structure using low-resolution satellite imagery. Advances in Water Resources, 2011, 34, 38-46.	3.8	32
141	Timely Low Resolution SAR Imagery To Support Floodplain Modelling: a Case Study Review. Surveys in Geophysics, 2011, 32, 255-269.	4.8	76
142	Relation Between the North-Atlantic Oscillation and Hydroclimatic Conditions in Mediterranean Areas. Water Resources Management, 2011, 25, 1269-1279.	4.0	80
143	Floodplain management strategies for flood attenuation in the river Po. River Research and Applications, 2011, 27, 1037-1047.	1.6	58
144	A hydraulic study on the applicability of flood rating curves. Hydrology Research, 2011, 42, 10-19.	2.4	79

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145	The direct use of radar satellites for event-specific flood risk mapping. Remote Sensing Letters, 2010, 1, 75-84.	1.4	32
146	Flood fatalities in Africa: From diagnosis to mitigation. Geophysical Research Letters, 2010, 37, .	3.9	305
147	Near realâ€time flood wave approximation on large rivers from space: Application to the River Po, Italy. Water Resources Research, 2010, 46, .	4.1	92
148	Flood-plain mapping: a critical discussion of deterministic and probabilistic approaches. Hydrological Sciences Journal, 2010, 55, 364-376.	2.6	220
149	Uncertainty in river discharge observations: a quantitative analysis. Hydrology and Earth System Sciences, 2009, 13, 913-921.	4.9	504
150	A technique for the calibration of hydraulic models using uncertain satellite observations of flood extent. Journal of Hydrology, 2009, 367, 276-282.	5.5	147
151	Probability-weighted hazard maps for comparing different flood risk management strategies: a case study. Natural Hazards, 2009, 50, 479-496.	3.4	100
152	Isla Hispaniola: A trans-boundary flood risk mitigation plan. Physics and Chemistry of the Earth, 2009, 34, 209-218.	3.1	35
153	Design flood estimation using model selection criteria. Physics and Chemistry of the Earth, 2009, 34, 606-611.	3.1	70
154	Model selection techniques for the frequency analysis of hydrological extremes. Water Resources Research, 2009, 45, .	4.1	154
155	The Utility of Spaceborne Radar to Render Flood Inundation Maps Based on Multialgorithm Ensembles. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 2801-2807.	6.4	122
156	Analysis of the effects of levee heightening on flood propagation: example of the River Po, Italy. Hydrological Sciences Journal, 2009, 54, 1007-1017.	2.6	127
157	Optimal Cross-Sectional Spacing in Preissmann Scheme 1D Hydrodynamic Models. Journal of Hydraulic Engineering, 2009, 135, 96-105.	2.0	123
158	Comparing the performance of a 2-D finite element and a 2-D finite volume model of floodplain inundation using airborne SAR imagery. Hydrological Processes, 2007, 21, 2745-2759.	2.6	115
159	Reliability of different depth-duration-frequency equations for estimating short-duration design storms. Water Resources Research, 2006, 42, .	4.1	34
160	Relationships between statistics of rainfall extremes and mean annual precipitation: an application for design-storm estimation in northern central Italy. Hydrology and Earth System Sciences, 2006, 10, 589-601.	4.9	79
161	Panta Rhei 2013â€“2015: global perspectives on hydrology, society and change. Hydrological Sciences Journal, 0, , 1-18.	2.6	56
162	Human-flood interactions in Rome over the past 150 years. Advances in Geosciences, 0, 44, 9-13.	12.0	22

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163	RIO SOLIETTE (HAITI): AN INTERNATIONAL INITIATIVE FOR FLOOD-HAZARD ASSESSMENT AND MITIGATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-5/W3, 159-165.	0.3	2
164	The interplay between human population dynamics and flooding in Bangladesh: a spatial analysis. Proceedings of the International Association of Hydrological Sciences, 0, 364, 188-191.	1.0	11
165	Bridging the gap: Reply to discussion of â€œGuiding principles for hydrologists conducting interdisciplinary research and fieldwork with participantsâ€. Hydrological Sciences Journal, 0, , .	2.6	3
166	Review article: Drought as a continuum: memory effects in interlinked hydrological, ecological, and social systems. , 0, , .		0