List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Refining an ensemble of volcanic ash forecasts using satellite retrievals: Raikoke 2019. Atmospheric Chemistry and Physics, 2022, 22, 6115-6134.	4.9	4
2	Horton, Robert Elmer. Encyclopedia of Earth Sciences Series, 2021, , 1-2.	0.1	0
3	The era of infiltration. Hydrology and Earth System Sciences, 2021, 25, 851-866.	4.9	15
4	A history of TOPMODEL. Hydrology and Earth System Sciences, 2021, 25, 527-549.	4.9	54
5	Perceptual perplexity and parameter parsimony. Wiley Interdisciplinary Reviews: Water, 2021, 8, e1530.	6.5	21
6	lssues in generating stochastic observables for hydrological models. Hydrological Processes, 2021, 35, e14203.	2.6	11
7	Technical note: Hydrology modelling R packages – a unified analysis of models and practicalities from a user perspective. Hydrology and Earth System Sciences, 2021, 25, 3937-3973.	4.9	17
8	Knowledge gaps in our perceptual model of Great Britain's hydrology. Hydrological Processes, 2021, 35, e14288.	2.6	22
9	An epistemically uncertain walk through the rather fuzzy subject of observation and model uncertainties ¹ . Hydrological Processes, 2021, 35, e14012.	2.6	8
10	Using microâ€catchment experiments for multiâ€local scale modelling of natureâ€based solutions. Hydrological Processes, 2021, 35, e14418.	2.6	7
11	Developing observational methods to drive future hydrological science: Can we make a start as a community?. Hydrological Processes, 2020, 34, 868-873.	2.6	34
12	Assessing the significance of wetâ€canopy evaporation from forests during extreme rainfall events for flood mitigation in mountainous regions of the <scp>United Kingdom</scp> . Hydrological Processes, 2020, 34, 4740-4754.	2.6	18
13	Deep learning, hydrological processes and the uniqueness of place. Hydrological Processes, 2020, 34, 3608-3613.	2.6	50
14	A history of the concept of time of concentration. Hydrology and Earth System Sciences, 2020, 24, 2655-2670.	4.9	44
15	Integration of hillslope hydrology and 2D hydraulic modelling for natural flood management. Hydrology Research, 2019, 50, 1535-1548.	2.7	30
16	How to make advances in hydrological modelling. Hydrology Research, 2019, 50, 1481-1494.	2.7	61
17	Models of everywhere revisited: A technological perspective. Environmental Modelling and Software, 2019, 122, 104521.	4.5	31
18	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. Hydrological Sciences Iournal, 2019, 64, 1141-1158.	2.6	474

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19	Following tracer through the unsaturated zone using a multiple interacting pathways model: Implications from laboratory experiments. Hydrological Processes, 2019, 33, 2300-2313.	2.6	6
20	Towards a methodology for testing models as hypotheses in the inexact sciences. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20180862.	2.1	44
21	Validation and Equifinality. Simulation Foundations, Methods and Applications, 2019, , 791-809.	0.1	8
22	Invalidation of Models and Fitness-for-Purpose: A Rejectionist Approach. Simulation Foundations, Methods and Applications, 2019, , 145-171.	0.1	17
23	Embracing equifinality with efficiency: Limits of Acceptability sampling using the DREAM(LOA) algorithm. Journal of Hydrology, 2018, 559, 954-971.	5.4	46
24	On hypothesis testing in hydrology: Why falsification of models is still a really good idea. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1278.	6.5	62
25	Adaptive forecasting of phytoplankton communities. Water Research, 2018, 134, 74-85.	11.3	41
26	Hillslope response to sprinkling and natural rainfall using velocity and celerity estimates in a slate-bedrock catchment. Journal of Hydrology, 2018, 558, 366-379.	5.4	24
27	Epistemic uncertainties and natural hazard risk assessment – PartÂ2: What should constitute good practice?. Natural Hazards and Earth System Sciences, 2018, 18, 2769-2783.	3.6	37
28	A Century of Denial: Preferential and Nonequilibrium Water Flow in Soils, 1864â€1984. Vadose Zone Journal, 2018, 17, 1-17.	2.2	50
29	Epistemic uncertainties and natural hazard risk assessment – Part 1: A review of different natural hazard areas. Natural Hazards and Earth System Sciences, 2018, 18, 2741-2768.	3.6	45
30	Reply to Discussion of "Perceptual models of uncertainty for socio-hydrological systems: a flood risk change example― Hydrological Sciences Journal, 2018, 63, 2001-2003.	2.6	0
31	Nierji reservoir flood forecasting based on a Data-Based Mechanistic methodology. Journal of Hydrology, 2018, 567, 227-237.	5.4	8
32	Exploratory studies into seasonal flow forecasting potential for large lakes. Hydrology and Earth System Sciences, 2018, 22, 127-141.	4.9	12
33	A method for uncertainty constraint of catchment discharge and phosphorus load estimates. Hydrological Processes, 2018, 32, 2779-2787.	2.6	15
34	A new method, with application, for analysis of the impacts on flood risk of widely distributed enhanced hillslope storage. Hydrology and Earth System Sciences, 2018, 22, 2589-2605.	4.9	24
35	Event and model dependent rainfall adjustments to improve discharge predictions. Hydrological Sciences Journal, 2017, 62, 232-245.	2.6	8
36	The uncertainty cascade in model fusion. Geological Society Special Publication, 2017, 408, 255-266.	1.3	21

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37	A modelling framework for evaluation of the hydrological impacts of nature-based approaches to flood risk management, with application to in-channel interventions across a 29-km ² scale catchment in the United Kingdom. Hydrological Processes, 2017, 31, 1734-1748.	2.6	69
38	Constraining uncertainty and process-representation in an algal community lake model using high frequency in-lake observations. Ecological Modelling, 2017, 357, 1-13.	2.5	9
39	A restatement of the natural science evidence concerning catchment-based â€~natural' flood management in the UK. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160706.	2.1	184
40	Long-term variations in the net inflow record for Lake Malawi. Hydrology Research, 2017, 48, 851-866.	2.7	6
41	Primary weathering rates, water transit times, and concentrationâ€discharge relations: A theoretical analysis for the critical zone. Water Resources Research, 2017, 53, 942-960.	4.2	73
42	Perceptual models of uncertainty for socio-hydrological systems: a flood risk change example. Hydrological Sciences Journal, 2017, 62, 1705-1713.	2.6	40
43	Prediction of storm transfers and annual loads with data-based mechanistic models using high-frequency data. Hydrology and Earth System Sciences, 2017, 21, 6425-6444.	4.9	9
44	Reproducing an extreme flood with uncertain post-event information. Hydrology and Earth System Sciences, 2017, 21, 3597-3618.	4.9	14
45	Uncertainty assessment of a dominant-process catchment model of dissolved phosphorus transfer. Hydrology and Earth System Sciences, 2016, 20, 4819-4835.	4.9	15
46	Advice to a young hydrologist. Hydrological Processes, 2016, 30, 3578-3582.	2.6	17
47	What Really Happens at the End of the Rainbow? – Paying the Price for Reducing Uncertainty (Using) Tj ETQq1	1 0 78431 1.2	l4 ₄ rgBT /Ov
48	Sensitivity analysis of environmental models: A systematic review with practical workflow. Environmental Modelling and Software, 2016, 79, 214-232.	4.5	926
49	The seventh facet of uncertainty: wrong assumptions, unknowns and surprises in the dynamics of human–water systems. Hydrological Sciences Journal, 2016, 61, 1748-1758.	2.6	73
50	Facets of uncertainty: epistemic uncertainty, non-stationarity, likelihood, hypothesis testing, and communication. Hydrological Sciences Journal, 2016, 61, 1652-1665.	2.6	197
51	Velocities, celerities and the basin of attraction in catchment response. Hydrological Processes, 2015, 29, 5214-5226.	2.6	14
52	Hysteresis and scale in catchment storage, flow and transport. Hydrological Processes, 2015, 29, 3604-3615.	2.6	33
53	Digital catchment observatories: A platform for engagement and knowledge exchange between catchment scientists, policy makers, and local communities. Water Resources Research, 2015, 51, 4815-4822.	4.2	24
54	Barriers to progress in distributed hydrological modelling. Hydrological Processes, 2015, 29, 2074-2078.	2.6	40

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55	What we see now: Event-persistence and the predictability of hydro-eco-geomorphological systems. Ecological Modelling, 2015, 298, 4-15.	2.5	27
56	Equipped to deal with uncertainty in climate and impacts predictions: lessons from internal peer review. Climatic Change, 2015, 132, 1-14.	3.6	18
57	Dynamic TOPMODEL: A new implementation in R and its sensitivity to time and space steps. Environmental Modelling and Software, 2015, 72, 155-172.	4.5	53
58	Communicating uncertainty in flood inundation mapping: a case study. International Journal of River Basin Management, 2015, 13, 285-295.	2.7	45
59	Do we need a Community Hydrological Model?. Water Resources Research, 2015, 51, 7777-7784.	4.2	57
60	Hyperresolution information and hyperresolution ignorance in modelling the hydrology of the land surface. Science China Earth Sciences, 2015, 58, 25-35.	5.2	74
61	Concepts of Information Content and Likelihood in Parameter Calibration for Hydrological Simulation Models. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	75
62	GLUE based marine X-band weather radar data calibration and uncertainty estimation. Urban Water Journal, 2015, 12, 283-294.	2.1	2
63	Regional water balance modelling using flow-duration curves with observational uncertainties. Hydrology and Earth System Sciences, 2014, 18, 2993-3013.	4.9	42
64	The GLUE Methodology for Model Calibration with Uncertainty. , 2014, , 87-97.		3
65	A Framework for Uncertainty Analysis. , 2014, , 39-59.		4
66	†Here we have a system in which liquid water is moving; let's just get at the physics of it' (Penman 1965). Hydrology Research, 2014, 45, 727-736.	2.7	11
67	Vegetation pattern as an indicator of saturated areas in a Czech headwater catchment. Hydrological Processes, 2014, 28, 5297-5308.	2.6	9
68	GLUE: 20 years on. Hydrological Processes, 2014, 28, 5897-5918.	2.6	239
69	Struggling with Epistemic Uncertainties in Environmental Modelling of Natural Hazards. , 2014, , .		2
70	Debates—The future of hydrological sciences: A (common) path forward? A call to action aimed at understanding velocities, celerities and residence time distributions of the headwater hydrograph. Water Resources Research, 2014, 50, 5342-5350.	4.2	325
71	Downstream changes in DOC: Inferring contributions in the face of model uncertainties. Water Resources Research, 2014, 50, 514-525.	4.2	48
72	Comparison of saturated areas mapping methods in the Jizera Mountains, Czech Republic. Journal of Hydrology and Hydromechanics, 2014, 62, 160-168.	2.0	10

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73	A guide to good practice in modeling semantics for authors and referees. Water Resources Research, 2013, 49, 5092-5098.	4.2	94
74	Uncertainty estimation of endâ€member mixing using generalized likelihood uncertainty estimation (GLUE), applied in a lowland catchment. Water Resources Research, 2013, 49, 4792-4806.	4.2	54
75	Smiling in the rain: Seven reasons to be positive about uncertainty in hydrological modelling. Hydrological Processes, 2013, 27, 1117-1122.	2.6	46
76	Macropores and water flow in soils revisited. Water Resources Research, 2013, 49, 3071-3092.	4.2	614
77	"Panta Rhei—Everything Flows― Change in hydrology and society—The IAHS Scientific Decade 2013–2022. Hydrological Sciences Journal, 2013, 58, 1256-1275.	2.6	569
78	Application of data-based mechanistic modelling for flood forecasting at multiple locations in the Eden catchment in the National Flood Forecasting System (England and Wales). Hydrology and Earth System Sciences, 2013, 17, 177-185.	4.9	18
79	Integrated modeling of flow and residence times at the catchment scale with multiple interacting pathways. Water Resources Research, 2013, 49, 4738-4750.	4.2	63
80	Probabilistic flood risk mapping including spatial dependence. Hydrological Processes, 2013, 27, 1349-1363.	2.6	112
81	Estimating phosphorus delivery with its mitigation measures from soil to stream using fuzzy rules. Soil Use and Management, 2013, 29, 187-198.	4.9	12
82	Estimating phosphorus delivery from land to water in headwater catchments using a fuzzy decision tree approach. Soil Use and Management, 2013, 29, 175-186.	4.9	8
83	So how much of your error is epistemic? Lessons from Japan and Italy. Hydrological Processes, 2013, 27, 1677-1680.	2.6	36
84	Comparison of a Multiple Interacting Pathways model with a classical kinematic wave subsurface flow solution. Hydrological Sciences Journal, 2012, 57, 203-216.	2.6	18
85	Causal models as multiple working hypotheses about environmental processes. Comptes Rendus - Geoscience, 2012, 344, 77-88.	1.2	93
86	Determining E. coli burden on pasture in a headwater catchment: Combined field and modelling approach. Environment International, 2012, 43, 6-12.	10.0	14
87	Comment on "Hyperresolution global land surface modeling: Meeting a grand challenge for monitoring Earth's terrestrial water―by Eric F. Wood et al Water Resources Research, 2012, 48, .	4.2	132
88	Comment on "Pursuing the method of multiple working hypotheses for hydrological modeling―by P. Clark et al Water Resources Research, 2012, 48, .	4.2	53
89	On virtual observatories and modelled realities (or why discharge must be treated as a virtual) Tj ETQq1 1 0.7843	314 rgBT / 2.0	Overlock 10
90	Modelling everything everywhere: a new approach to decisionâ€making for water management under uncertainty. Freshwater Biology, 2012, 57, 124-132.	2.4	108

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91	Communicating uncertainty in flood risk mapping. , 2012, , .		16
92	Processes influencing model-data mismatch in drought-stressed, fire-disturbed eddy flux sites. Journal of Geophysical Research, 2011, 116, .	3.3	20
93	On the colour and spin of epistemic error (and what we might do about it). Hydrology and Earth System Sciences, 2011, 15, 3123-3133.	4.9	122
94	Models as multiple working hypotheses: hydrological simulation of tropical alpine wetlands. Hydrological Processes, 2011, 25, 1784-1799.	2.6	99
95	I believe in climate change but how precautionary do we need to be in planning for the future?. Hydrological Processes, 2011, 25, 1517-1520.	2.6	81
96	On red herrings and real herrings: disinformation and information in hydrological inference. Hydrological Processes, 2011, 25, 1676-1680.	2.6	176
97	A discrete particle representation of hillslope hydrology: hypothesis testing in reproducing a tracer experiment at Gårdsjön, Sweden. Hydrological Processes, 2011, 25, 3602-3612.	2.6	45
98	Water Resources Assessment and Regional Virtual Water Potential in the Turpan Basin, China. Water Resources Management, 2010, 24, 3321-3332.	3.9	27
99	Visualization approaches for communicating realâ€ŧime flood forecasting level and inundation information. Journal of Flood Risk Management, 2010, 3, 140-150.	3.3	67
100	Preferential flows and travel time distributions: defining adequate hypothesis tests for hydrological process models. Hydrological Processes, 2010, 24, 1537-1547.	2.6	90
101	Flood-plain mapping: a critical discussion of deterministic and probabilistic approaches. Hydrological Sciences Journal, 2010, 55, 364-376.	2.6	213
102	Nature as the "Natural―Goal for Water Management: A Conversation. Ambio, 2009, 38, 209-214.	5.5	23
103	Towards a limits of acceptability approach to the calibration of hydrological models: Extending observation error. Journal of Hydrology, 2009, 367, 93-103.	5.4	137
104	Testing a new model of aphid abundance with sedentary and non-sedentary predators. Ecological Modelling, 2009, 220, 2469-2480.	2.5	30
105	Multiple sources of predictive uncertainty in modeled estimates of net ecosystem CO2 exchange. Ecological Modelling, 2009, 220, 3259-3270.	2.5	49
106	Towards the provision of site specific flood warnings using wireless sensor networks. Meteorological Applications, 2009, 16, 57-64.	2.1	25
107	Uncertainty assessment of a process-based integrated catchment model of phosphorus. Stochastic Environmental Research and Risk Assessment, 2009, 23, 991-1010.	4.0	86
108	Comment on "Equifinality of formal (DREAM) and informal (GLUE) Bayesian approaches in hydrologic modeling?―by Jasper A. Vrugt, Cajo J. F. ter Braak, Hoshin V. Gupta and Bruce A. Robinson. Stochastic Environmental Research and Risk Assessment, 2009, 23, 1059-1060.	4.0	35

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109	GLUE Based Assessment on the Overall Predictions of a MIKE SHE Application. Water Resources Management, 2009, 23, 1325-1349.	3.9	55
110	Uncertainty in flood estimation. Structure and Infrastructure Engineering, 2009, 5, 325-332.	3.7	13
111	A limits of acceptability approach to model evaluation and uncertainty estimation in flood frequency estimation by continuous simulation: Skalka catchment, Czech Republic. Water Resources Research, 2009, 45, .	4.2	157
112	Regionalization as a learning process. Water Resources Research, 2009, 45, .	4.2	55
113	Climate Change: The Need to Consider Human Forcings Besides Greenhouse Gases. Eos, 2009, 90, 413-413.	0.1	64
114	Reduced Order Emulation of Distributed Hydraulic Simulation Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1762-1767.	0.4	10
115	Multi-method global sensitivity analysis of flood inundation models. Advances in Water Resources, 2008, 31, 1-14.	3.8	219
116	On doing better hydrological science. Hydrological Processes, 2008, 22, 3549-3553.	2.6	91
117	Informal likelihood measures in model assessment: Theoretic development and investigation. Advances in Water Resources, 2008, 31, 1087-1100.	3.8	73
118	A data based mechanistic approach to nonlinear flood routing and adaptive flood level forecasting. Advances in Water Resources, 2008, 31, 1048-1056.	3.8	66
119	So just why would a modeller choose to be incoherent?. Journal of Hydrology, 2008, 354, 15-32.	5.4	221
120	Upscaling discrete internal observations for obtaining catchment-averaged TOPMODEL parameters in a small Mediterranean mountain basin. Physics and Chemistry of the Earth, 2008, 33, 1090-1094.	2.9	13
121	Computationally efficient flood water level prediction (with uncertainty). , 2008, , 281-289.		7
122	Multi-period and multi-criteria model conditioning to reduce prediction uncertainty in an application of TOPMODEL within the GLUE framework. Journal of Hydrology, 2007, 332, 316-336.	5.4	147
123	Grasping the unavoidable subjectivity in calibration of flood inundation models: A vulnerability weighted approach. Journal of Hydrology, 2007, 333, 275-287.	5.4	96
124	Developing a Translational Discourse to Communicate Uncertainty in Flood Risk between Science and the Practitioner. Ambio, 2007, 36, 692-704.	5.5	103
125	Comment on "Hydrological forecasting uncertainty assessment: Incoherence of the GLUE methodology―by Pietro Mantovan and Ezio Todini. Journal of Hydrology, 2007, 338, 315-318.	5.4	86
126	Fuzzy set approach to calibrating distributed flood inundation models using remote sensing observations. Hydrology and Earth System Sciences, 2007, 11, 739-752.	4.9	125

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127	Towards integrated environmental models of everywhere: uncertainty, data and modelling as a learning process. Hydrology and Earth System Sciences, 2007, 11, 460-467.	4.9	205
128	Controls on Catchment-Scale Patterns of Phosphorus in Soil, Streambed Sediment, and Stream Water. Journal of Environmental Quality, 2007, 36, 694-708.	2.0	37
129	Using internal catchment information to reduce the uncertainty of discharge and baseflow predictions. Advances in Water Resources, 2007, 30, 808-823.	3.8	58
130	Conditioning uncertainty in ecological models: Assessing the impact of fire management strategies. Ecological Modelling, 2007, 207, 34-44.	2.5	58
131	Data assimilation and adaptive forecasting of water levels in the river Severn catchment, United Kingdom. Water Resources Research, 2006, 42, .	4.2	84
132	On the Value of Local Measurements for Prediction of Pesticide Transport at the Field Scale. Vadose Zone Journal, 2006, 5, 222-233.	2.2	9
133	A semi-empirical model to assess uncertainty of spatial patterns of erosion. Catena, 2006, 66, 198-210.	5.0	31
134	A manifesto for the equifinality thesis. Journal of Hydrology, 2006, 320, 18-36.	5.4	1,809
135	A disaggregating approach to describe overland flow occurrence within a catchment. Journal of Hydrology, 2006, 323, 22-40.	5.4	9
136	A fuzzy decision tree to predict phosphorus export at the catchment scale. Journal of Hydrology, 2006, 331, 484-494.	5.4	16
137	Searching for the Holy Grail of scientific hydrology: <i>Q_t</i> =(<i>S, R,) Tj E Sciences 2006 10 609-618</i>	TQ91 1	0.784314 rgt 197
138	Parameter conditioning and prediction uncertainties of the LISFLOOD-WB distributed hydrological model. Hydrological Sciences Journal, 2006, 51, 45-65.	2.6	29
139	Influence of uncertain boundary conditions and model structure on flood inundation predictions. Advances in Water Resources, 2006, 29, 1430-1449.	3.8	321
140	A comparison of non-linear least square and GLUE for model calibration and uncertainty estimation for pesticide transport in soils. Advances in Water Resources, 2006, 29, 1924-1933.	3.8	24
141	Sensitivity analysis based on regional splits and regression trees (SARS-RT). Environmental Modelling and Software, 2006, 21, 976-990.	4.5	62
142	Comments on generalised likelihood uncertainty estimation. Reliability Engineering and System Safety, 2006, 91, 1315-1321.	8.9	41
143	On undermining the science?. Hydrological Processes, 2006, 20, 3141-3146.	2.6	156
144	Decision tree for choosing an uncertainty analysis methodology: a wiki experiment. Hydrological Processes, 2006, 20, 3793-3798.	2.6	29

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145	Uncertainty Estimation in Phosphorus Models. , 2006, , 131-160.		1
146	Modelling the effect of fire-exclusion and prescribed fire on wildfire size in Mediterranean ecosystems. Ecological Modelling, 2005, 183, 397-409.	2.5	90
147	On the concept of delivery of sediment and nutrients to stream channels. Hydrological Processes, 2005, 19, 551-556.	2.6	75
148	On the concept of model structural error. Water Science and Technology, 2005, 52, 167-175.	2.5	117
149	Spatial Variability of Soil Phosphorus in Relation to the Topographic Index and Critical Source Areas. Journal of Environmental Quality, 2005, 34, 2263-2277.	2.0	104
150	Uncertainty in the calibration of effective roughness parameters in HEC-RAS using inundation and downstream level observations. Journal of Hydrology, 2005, 302, 46-69.	5.4	364
151	On the concept of model structural error. Water Science and Technology, 2005, 52, 167-75.	2.5	1
152	Temporal variability in phosphorus transfers: classifying concentration–discharge event dynamics. Hydrology and Earth System Sciences, 2004, 8, 88-97.	4.9	70
153	Uncertainty analysis of the rainfall runoff model LisFlood within the Generalized Likelihood Uncertainty Estimation (GLUE). International Journal of River Basin Management, 2004, 2, 123-133.	2.7	11
154	Bayesian updating of flood inundation likelihoods conditioned on flood extent data. Hydrological Processes, 2004, 18, 3347-3370.	2.6	144
155	Does an interagency meeting in Washington imply uncertainty?. Hydrological Processes, 2004, 18, 1747-1750.	2.6	11
156	Robert E. Horton's perceptual model of infiltration processes. Hydrological Processes, 2004, 18, 3447-3460.	2.6	102
157	Robert E. Horton and abrupt rises of ground water. Hydrological Processes, 2004, 18, 3687-3696.	2.6	22
158	Functional classification and evaluation of hydrographs based on Multicomponent Mapping (Mx). International Journal of River Basin Management, 2004, 2, 89-100.	2.7	36
159	Reply to â€~The emergence of a new kind of relativism in environmental modelling: a commentary' by Philippe Baveye. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2004, 460, 2147-2151.	2.1	6
160	Flood frequency estimation by continuous simulation of subcatchment rainfalls and discharges with the aim of improving dam safety assessment in a large basin in the Czech Republic. Journal of Hydrology, 2004, 292, 153-172.	5.4	115
161	Infiltration excess at the Horton Hydrology Laboratory (or not?). Journal of Hydrology, 2004, 293, 219-234.	5.4	35
162	Multi-objective parameter conditioning of a three-source wheat canopy model. Agricultural and Forest Meteorology, 2004, 122, 39-63.	4.8	49

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163	Modelling hydrologic responses in a small forested catchment (Panola Mountain, Georgia, USA): a comparison of the original and a new dynamic TOPMODEL. Hydrological Processes, 2003, 17, 345-362.	2.6	50
164	Data-supported robust parameterisations in land surface-atmosphere flux predictions: towards a top-down approach. Hydrological Processes, 2003, 17, 2259-2277.	2.6	33
165	On environmental models of everywhere on the GRID. Hydrological Processes, 2003, 17, 171-174.	2.6	16
166	The Geochemical Evolution of Riparian Ground Water in a Forested Piedmont Catchment. Ground Water, 2003, 41, 913-925.	1.3	88
167	Vadose Zone Flow Model Uncertainty as Conditioned on Geophysical Data. Ground Water, 2003, 41, 119-127.	1.3	71
168	Estimation of flood inundation probabilities as conditioned on event inundation maps. Water Resources Research, 2003, 39, .	4.2	132
169	Comment on "Bayesian recursive parameter estimation for hydrologic models―by M. Thiemann, M. Trosset, H. Gupta, and S. Sorooshian. Water Resources Research, 2003, 39, .	4.2	36
170	Towards the hydraulics of the hydroinformatics era. Journal of Hydraulic Research/De Recherches Hydrauliques, 2003, 41, 331-336.	1.7	7
171	Development of a European flood forecasting system. International Journal of River Basin Management, 2003, 1, 49-59.	2.7	172
172	Multivariate seasonal period model rejection within the generalised likelihood uncertainty estimation procedure. Water Science and Application, 2003, , 69-87.	0.3	55
173	Flood frequency estimation by continuous simulation for a catchment treated as ungauged (with) Tj ETQq1 1 0.7	784314 rg 4.2	BT ₈ /Overlock
174	Testing the distributed water table predictions of TOPMODEL (allowing for uncertainty in model) Tj ETQq0 0 0 rg	BT_/Overlo 4.2	ock 10 Tf 50
175	Towards a coherent philosophy for modelling the environment. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2002, 458, 2465-2484.	2.1	326
176	Uncertainty in hydrograph separations based on geochemical mixing models. Journal of Hydrology, 2002, 255, 90-106.	5.4	108
177	Fuzzy rule-based model for contaminant transport in a natural river channel. Journal of Hydroinformatics, 2002, 4, 53-62.	2.4	0
178	Fuzzy rules based model for solute dispersion in an open channel dead zone. Journal of Hydroinformatics, 2002, 4, 39-51.	2.4	1
179	A hydraulic model to predict drought-induced mortality in woody plants: an application to climate change in the Mediterranean. Ecological Modelling, 2002, 155, 127-147.	2.5	124
180	The Future of Distributed Modelling. Hydrological Processes, 2002, 16, 169-172.	2.6	37

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181	Observational data and scale-dependent parameterizations: explorations using a virtual hydrological reality. Hydrological Processes, 2002, 16, 293-312.	2.6	37
182	Rainfall-runoff modelling of a humid tropical catchment: the TOPMODEL approach. Hydrological Processes, 2002, 16, 231-253.	2.6	61
183	Towards an alternative blueprint for a physically based digitally simulated hydrologic response modelling system. Hydrological Processes, 2002, 16, 189-206.	2.6	296
184	Equifinality, data assimilation, and uncertainty estimation in mechanistic modelling of complex environmental systems using the GLUE methodology. Journal of Hydrology, 2001, 249, 11-29.	5.4	1,716
185	How far can we go in distributed hydrological modelling?. Hydrology and Earth System Sciences, 2001, 5, 1-12.	4.9	528
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