

Erich J Plate

List of Publications by Year in descending order

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34
papers

1,870
citations

516710

16
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

1885
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty Analysis of Multi-Model Flood Forecasts. <i>Water (Switzerland)</i> , 2015, 7, 6788-6809.	2.7	5
2	Flood forecasting for River Mekong with data-based models. <i>Water Resources Research</i> , 2014, 50, 7115-7133.	4.2	9
3	Early warning and flood forecasting for large rivers with the lower Mekong as example. <i>Journal of Hydro-Environment Research</i> , 2007, 1, 80-94.	2.2	29
4	Disaster Prevention. , 2006, , 87-111.		0
5	FLOOD RISK MANAGEMENT FOR SETTING PRIORITIES IN DECISION MAKING. , 2006, , 21-44.		7
6	WORKING GROUPS CONCLUSIONS AND RECOMMENDATIONS. , 2006, , 457-478.		0
7	Early Warning System for the Lower Mekong River. <i>Water International</i> , 2005, 30, 99-107.	1.0	8
8	Uncertainty of simulated catchment runoff response in the presence of threshold processes: Role of initial soil moisture and precipitation. <i>Journal of Hydrology</i> , 2005, 315, 183-202.	5.4	161
9	The separation of flow pathways in a sandstone catchment of the Northern Black Forest using DOC and a nested Approach. <i>Physics and Chemistry of the Earth</i> , 2003, 28, 269-275.	2.9	28
10	Flood risk and flood management. <i>Journal of Hydrology</i> , 2002, 267, 2-11.	5.4	409
11	Wind loads in urban areas. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2001, 89, 1233-1256.	3.9	8
12	Capillarity-induced resonance of oil blobs in capillary tubes and porous media. <i>Geophysics</i> , 2000, 65, 874-883.	2.6	75
13	Methods of investigating urban wind fields—physical models. <i>Atmospheric Environment</i> , 1999, 33, 3981-3989.	4.1	37
14	CONDITIONAL SAMPLING OF CONVECTIVE BOUNDARY LAYER TURBULENCE IN A STRATIFIED FLOW WIND TUNNEL. <i>Doboku Gakkai Ronbunshu</i> , 1997, 1997, 67-82.	0.2	0
15	Modelling of runoff generation and soil moisture dynamics for hillslopes and micro-catchments. <i>Journal of Hydrology</i> , 1997, 198, 177-195.	5.4	110
16	An analysis of the effects of spatial variability of soil and soil moisture on runoff. <i>Water Resources Research</i> , 1997, 33, 2909-2922.	4.2	179
17	Wind Tunnel Study of Turbulent Flow Structure in the Convective Boundary Layer Capped by a Temperature Inversion. <i>Journals of the Atmospheric Sciences</i> , 1996, 53, 1273-1289.	1.7	51
18	Scale effects in wind tunnel modelling. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1996, 61, 113-130.	3.9	27

#	ARTICLE	IF	CITATIONS
19	The international decade for natural disaster reduction (IDNDR): A challenge to science. Soil Dynamics and Earthquake Engineering, 1994, 13, 45-48.	3.8	4
20	The Effect of Climate Change on Storm Surges. , 1994, , 395-415.		0
21	Sustainable Development of Water Resources: A Challenge to Science and Engineering. Water International, 1993, 18, 84-94.	1.0	37
22	Space-time model for daily rainfall using atmospheric circulation patterns. Water Resources Research, 1992, 28, 1247-1259.	4.2	365
23	Modeling daily rainfall using a semi-Markov representation of circulation pattern occurrence. Journal of Hydrology, 1991, 122, 33-47.	5.4	77
24	Probabilistic Modelling of Water Quality in Rivers. , 1991, , 137-166.		7
25	A heuristic closed-loop controller for water distribution in complex irrigation systems. Water Resources Research, 1990, 26, 1323-1333.	4.2	8
26	Effect of choice of routing model on extreme flow statistics. Hydrological Sciences Journal, 1989, 34, 139-156.	2.6	0
27	RELIABILITY-BASED DESIGN CONCEPTS IN HYDRAULIC ENGINEERING. Journal of the American Water Resources Association, 1988, 24, 235-245.	2.4	17
28	Wind-tunnel evaluation of ventilation problems. Journal of Wind Engineering and Industrial Aerodynamics, 1981, 8, 123-134.	3.9	3
29	A STOCHASTIC MODEL FOR THE SIMULATION OF DAILY FLOWS / ModÃ©le stochastique pour la simulation des dÃ©bits journaliers. Hydrological Sciences Bulletin Des Sciences Hydrologiques, 1977, 22, 175-192.	0.2	26
30	Developing optimal operating rules for flood protection reservoirs. Journal of Hydrology, 1976, 28, 245-264.	5.4	11
31	The aerodynamics of shelter belts. Agricultural Meteorology, 1971, 8, 203-222.	0.6	150
32	A note on the celerity of wind waves on a water current. Journal of Geophysical Research, 1970, 75, 3537-3544.	3.3	8
33	Turbulence Spectra in a Stably Stratified Boundary Layer. Radio Science, 1969, 4, 1163-1168.	1.6	5
34	Diffusion from a ground level line source into the disturbed boundary layer far downstream from a fence. International Journal of Heat and Mass Transfer, 1967, 10, 181-194.	4.8	9