

# 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	Flood risk and flood management. <i>Journal of Hydrology</i> , 2002, 267, 2-11.	5.4	409
2	Space-time model for daily rainfall using atmospheric circulation patterns. <i>Water Resources Research</i> , 1992, 28, 1247-1259.	4.2	365
3	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
4	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
5	The aerodynamics of shelter belts. <i>Agricultural Meteorology</i> , 1971, 8, 203-222.	0.6	150
6	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
7	Modeling daily rainfall using a semi-Markov representation of circulation pattern occurrence. <i>Journal of Hydrology</i> , 1991, 122, 33-47.	5.4	77
8	Capillarity-induced resonance of oil blobs in capillary tubes and porous media. <i>Geophysics</i> , 2000, 65, 874-883.	2.6	75
9	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
10	Sustainable Development of Water Resources: A Challenge to Science and Engineering. <i>Water International</i> , 1993, 18, 84-94.	1.0	37
11	Methods of investigating urban wind fields—physical models. <i>Atmospheric Environment</i> , 1999, 33, 3981-3989.	4.1	37
12	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
13	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
14	Scale effects in wind tunnel modelling. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1996, 61, 113-130.	3.9	27
15	A STOCHASTIC MODEL FOR THE SIMULATION OF DAILY FLOWS / Modèle stochastique pour la simulation des débits journaliers. <i>Hydrological Sciences Bulletin Des Sciences Hydrologiques</i> , 1977, 22, 175-192.	0.2	26
16	RELIABILITY-BASED DESIGN CONCEPTS IN HYDRAULIC ENGINEERING. <i>Journal of the American Water Resources Association</i> , 1988, 24, 235-245.	2.4	17
17	Developing optimal operating rules for flood protection reservoirs. <i>Journal of Hydrology</i> , 1976, 28, 245-264.	5.4	11
18	Diffusion from a ground level line source into the disturbed boundary layer far downstream from a fence. <i>International Journal of Heat and Mass Transfer</i> , 1967, 10, 181-194.	4.8	9

#	ARTICLE	IF	CITATIONS
19	Flood forecasting for River Mekong with data-based models. <i>Water Resources Research</i> , 2014, 50, 7115-7133.	4.2	9
20	A note on the celerity of wind waves on a water current. <i>Journal of Geophysical Research</i> , 1970, 75, 3537-3544.	3.3	8
21	A heuristic closed-loop controller for water distribution in complex irrigation systems. <i>Water Resources Research</i> , 1990, 26, 1323-1333.	4.2	8
22	Wind loads in urban areas. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2001, 89, 1233-1256.	3.9	8
23	Early Warning System for the Lower Mekong River. <i>Water International</i> , 2005, 30, 99-107.	1.0	8
24	FLOOD RISK MANAGEMENT FOR SETTING PRIORITIES IN DECISION MAKING. , 2006, , 21-44.		7
25	Probabilistic Modelling of Water Quality in Rivers. , 1991, , 137-166.		7
26	Turbulence Spectra in a Stably Stratified Boundary Layer. <i>Radio Science</i> , 1969, 4, 1163-1168.	1.6	5
27	Uncertainty Analysis of Multi-Model Flood Forecasts. <i>Water (Switzerland)</i> , 2015, 7, 6788-6809.	2.7	5
28	The international decade for natural disaster reduction (IDNDR): A challenge to science. <i>Soil Dynamics and Earthquake Engineering</i> , 1994, 13, 45-48.	3.8	4
29	Wind-tunnel evaluation of ventilation problems. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1981, 8, 123-134.	3.9	3
30	Effect of choice of routing model on extreme flow statistics. <i>Hydrological Sciences Journal</i> , 1989, 34, 139-156.	2.6	0
31	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
32	Disaster Prevention. , 2006, , 87-111.		0
33	The Effect of Climate Change on Storm Surges. , 1994, , 395-415.		0
34	WORKING GROUPS CONCLUSIONS AND RECOMMENDATIONS. , 2006, , 457-478.		0