Ponnambalam Rameshwaran

List of Publications by Year
in descending order

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30 papers	690 citations	623734 14 h-index	552781 26 g-index
35 all docs	35 docs citations	35 times ranked	666 citing authors

#	Article	IF	Citations
1	Use of Abstraction and Discharge Data to Improve the Performance of a Nationalâ€Scale Hydrological Model. Water Resources Research, 2022, 58, .	4.2	11
2	Spatial Estimates of Flood Damage and Risk Are Influenced by the Underpinning DEM Resolution: A Case Study in Kuala Lumpur, Malaysia. Water (Switzerland), 2022, 14, 2208.	2.7	7
3	Sediment and Nutrient Retention in Ponds on an Agricultural Stream: Evaluating Effectiveness for Diffuse Pollution Mitigation. Water (Switzerland), 2021, 13, 1640.	2.7	10
4	How might climate change affect river flows across West Africa?. Climatic Change, 2021, 169, 1.	3.6	13
5	Modelling River Flow Through In-Stream Natural Vegetation for a Gravel-Bed River Reach. GeoPlanet: Earth and Planetary Sciences, 2020, , 33-41.	0.2	1
6	Tolerance Of Faba Bean, Chickpea And Lentil To Salinity: Accessions' Salinity Response Functions. Irrigation and Drainage, 2016, 65, 49-60.	1.7	14
7	Effects of drip-irrigation regimes with saline water on pepper productivity and soil salinity under greenhouse conditions. Scientia Horticulturae, 2016, 199, 114-123.	3.6	40
8	Evaluating the Productivity Potential of Chickpea, Lentil and Faba Bean Under Saline Water Irrigation Systems. Irrigation and Drainage, 2016, 65, 19-28.	1.7	10
9	The Effect of Saline Irrigation Water on the Yield of Pepper: Experimental and Modelling Study. Irrigation and Drainage, 2015, 64, 41-49.	1.7	35
10	Instream and riparian implications of weed cutting in a chalk river. Ecological Engineering, 2014, 71, 290-300.	3.6	29
11	Modelling river flow responses to weed management. , 2014, , 467-474.		1
12	Inter-comparison and validation of computational fluid dynamics codes in two-stage meandering channel flows. Applied Mathematical Modelling, 2013, 37, 8652-8672.	4.2	14
13	The application of LS-PIV to a small irregular river for inbank and overbank flows. Flow Measurement and Instrumentation, 2012, 24, 1-12.	2.0	43
14	Flow modelling in gravelâ€bed rivers: rethinking the bottom boundary condition. Earth Surface Processes and Landforms, 2011, 36, 1350-1366.	2.5	11
15	Discharge estimation in small irregular river using LSPIV. Water Management, 2010, 163, 247-254.	1.2	23
16	Modelling vegetation effects in irregular meandering river. Journal of Hydraulic Research/De Recherches Hydrauliques, 2010, 48, 775-783.	1.7	22
17	The effect of floodplain roughness on flow structures, bedforms and sediment transport rates in meandering channels with overbank flows: Part I. Journal of Hydraulic Research/De Recherches Hydrauliques, 2009, 47, 5-19.	1.7	36
18	The effect of floodplain roughness on flow structures, bedforms and sediment transport rates in meandering channels with overbank flows: Part II. Journal of Hydraulic Research/De Recherches Hydrauliques, 2009, 47, 20-28.	1.7	12

#	Article	IF	Citations
19	Flow characteristics in meandering channels with non-mobile. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 113-132.	1.7	22
20	Quasi two-dimensional model for straight overbank flows through emergent. Journal of Hydraulic Research/De Recherches Hydrauliques, 2007, 45, 302-315.	1.7	91
21	The influence of macrophyte growth, typical of eutrophic conditions, on river flow velocities and turbulence production. Hydrological Processes, 2006, 20, 3915-3938.	2.6	70
22	Three-dimensional modelling of free surface variation in a meandering channel. Journal of Hydraulic Research/De Recherches Hydrauliques, 2004, 42, 603-615.	1.7	19
23	Modelling turbulent flow in two-stage meandering channels. Water Management, 2004, 157, 159-173.	1.2	12
24	Three-Dimensional Numerical Simulation of Compound Channel Flows. Journal of Hydraulic Engineering, 2003, 129, 645-652.	1.5	33
25	Computer modelling of two-stage meandering channel flows. Proceedings of the Institution of Civil Engineers Water and Maritime Engineering, 2003, 156, 325-339.	0.3	5
26	PIV and LDA measurements of secondary flow in a meandering channel for overbank flow. Journal of Visualization, 2002, 5, 153-159.	1.8	4
27	Measuring Flume Surfaces for Hydraulics Research Using a Kodak DCS460. Photogrammetric Record, 2001, 17, 39-61.	0.4	59
28	Impact of Secondary Flow on Bed Form and Sediment Transport in a Meandering Channel for Overbank Flow. Proceedings of Hydraulic Engineering, 2000, 44, 849-854.	0.0	10
29	CONVEYANCE PREDICTION FOR MEANDERING TWO-STAGE CHANNEL FLOWS.. Proceedings of the Institution of Civil Engineers: Water, Maritime and Energy, 1999, 136, 153-166.	0.6	22
30	Simulation of particle settling in rotating and non-rotating flows of non-Newtonian fluids. International Journal for Numerical Methods in Fluids, 1998, 26, 851-874.	1.6	9