

Abdelali Terfous

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Flapping Foil Hydrokinetic Turbine: From a Strongly Coupled FSI Solver to the Experiment in a Confined Channel. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2021, , 315-325.	0.3	0
2	Effects of Inclination Angle on Archimedes Screw Generator Power Production with Constant Head. Journal of Hydraulic Engineering, 2021, 147, .	1.5	11
3	Implementation and validation of a strongly coupled numerical model of a fully passive flapping foil turbine. Journal of Fluids and Structures, 2021, 102, 103248.	3.4	11
4	Experimental optimisation of the pitching structural parameters of a fully passive flapping foil turbine. Renewable Energy, 2021, 171, 1436-1444.	8.9	15
5	IMPROVEMENT OF PHYSICAL-CHEMICAL AND RHEOLOGICAL PROPERTIES OF GHARDAËA LOESS (SOUTHERN) Tj ETQq1 1 0.784314 0.784314	1.3	7
6	Sediment diffusion coefficient model for predicting the vertical distribution of suspended sediment concentration in uniform open-channel flows. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	1
7	Experimental investigation of the dynamic behaviour of a fully passive flapping foil hydrokinetic turbine. Journal of Fluids and Structures, 2019, 88, 1-12.	3.4	31
8	Computational fluid dynamics modeling for the design of Archimedes Screw Generator. Renewable Energy, 2018, 118, 847-857.	8.9	25
9	Variance based sensitivity analysis of 1D and 2D hydraulic models: An experimental urban flood case. Environmental Modelling and Software, 2018, 109, 167-181.	4.5	21
10	Numerical and experimental study of an Archimedean Screw Generator. IOP Conference Series: Earth and Environmental Science, 2016, 49, 102002.	0.3	12
11	Experimental investigation and performance analysis of Archimedes screw generator. Journal of Hydraulic Research/De Recherches Hydrauliques, 2016, 54, 197-209.	1.7	31
12	Modeling sediment deposition from marine outfall jets. Environmental Technology (United Kingdom), 2016, 37, 1865-1874.	2.2	3
13	Hydrodynamic behaviour of a new permeable pavement material under high rainfall conditions. Urban Water Journal, 2016, 13, 687-696.	2.1	12
14	Quantifying mobile and immobile zones during simulated stormwater infiltration through a new permeable pavement material. Environmental Technology (United Kingdom), 2015, 36, 628-637.	2.2	1
15	Comparison between a coupled 1D-2D model and a fully 2D model for supercritical flow simulation in crossroads. Journal of Hydraulic Research/De Recherches Hydrauliques, 2015, 53, 274-281.	1.7	17
16	Etude de la dynamique sédimentaire dans le bassin versant de l'Oued Bellah (Algérie). Hydrological Sciences Journal, 2013, 58, 224-236.	2.6	15
17	Hydrodynamic characteristics of a new permeable pavement material produced from recycled concrete and organic matter. Urban Water Journal, 2013, 10, 260-267.	2.1	8
18	A graphical method to study suspended sediment dynamics during flood events in the Wadi Sebdo, NW Algeria (1973-2004). Journal of Hydrology, 2013, 497, 24-36.	5.4	45

#	ARTICLE	IF	CITATIONS
19	A comparative study of 1D and 2D approaches for simulating flows at right angled dividing junctions. Applied Mathematics and Computation, 2013, 219, 5070-5082.	2.2	13
20	Predicting the drag coefficient and settling velocity of spherical particles. Powder Technology, 2013, 239, 12-20.	4.2	75
21	Comparative study of 1D and 2D flow simulations at open-channel junctions. Journal of Hydraulic Research/De Recherches Hydrauliques, 2012, 50, 164-170.	1.7	21
22	Jet-cavity interaction: effect of the cavity depth. Progress in Computational Fluid Dynamics, 2012, 12, 322.	0.2	7
23	Fluctuations hydropluviométriques du bassin-versant de l'oued Tafna à Bahdel (Nord-Ouest) Tj ETQq1 1 0.784314 rgBT /Ove	0.1	16
24	CFD Modeling of Solid Separation in Three Combined Sewer Overflow Chambers. Journal of Environmental Engineering, ASCE, 2009, 135, 776-787.	1.4	14
25	Measurement of liquid particle concentrations in a free jet flow. Chemical Engineering and Processing: Process Intensification, 2009, 48, 348-355.	3.6	2
26	Experimental investigation and CFD modelling of flow, sedimentation, and solids separation in a combined sewer detention tank. Computers and Fluids, 2009, 38, 1042-1049.	2.5	59
27	Measurement and modeling of the settling velocity of isometric particles. Powder Technology, 2008, 184, 105-113.	4.2	34
28	Capitalisation des expériences en génie civil. European Journal of Environmental and Civil Engineering, 2008, 12, 1195-1210.	2.1	0
29	Variation temporelle de la dégradation spécifique du bassin versant de l'Oued Mouilah (nord-ouest) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	18
30	Prévoir l'efficacité des bassins d'orage par modélisation 3D: du bassin expérimental à l'ouvrage réel. Houille Blanche, 2008, 94, 92-98.	0.3	1
31	Key processes influencing erosion and sediment transport in a semi-arid Mediterranean area: the Upper Tafna catchment, Algeria />Processus clefs influençant l'érosion et le transport des sédiments dans une région semi-aride méditerranéenne: le bassin versant de la Haute Tafna, Algérie />. Hydrological Sciences Journal. 2007. 52. 1271-1284.	2.6	29
32	Modélisation 3D du transport et du dépôt de particules dans un pilote de bassin d'orage. Houille Blanche, 2007, 93, 95-100.	0.3	1
33	Production et transport des matières solides en suspension dans le bassin versant de la Haute-Tafna (Nord-Ouest Algérien). Revue Des Sciences De L'Eau, 2003, 16, 369-380.	0.2	28
34	Etude du transport solide en suspension dans l'Oued Mouilah (Nord Ouest Algérien). Revue Des Sciences De L'Eau, 2001, 14, 173-185.	0.2	37
35	Simulation of a Wall Jet Flow over a Rectangular Cavity. Advanced Materials Research, 0, 274, 1-11.	0.3	3