

Philip J W Roberts

List of Publications by Year in descending order

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34
papers

1,093
citations

471061

17
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Study on the Effect of Port Orientation on Multiple Inclined Dense Jets. Journal of Marine Science and Engineering, 2022, 10, 590.	1.2	2
2	Discussion of "High-Resolution Nonhydrostatic Outfall Plume Modeling: Cross-Flow Validation" by Minna Ho, Jeroen M. Molemaker, Fayçal Kessouri, James C. McWilliams, and Timu W. Gallien. Journal of Hydraulic Engineering, 2022, 148, .	0.7	0
3	Rosette Diffusers for Dense Effluents in Flowing Currents. Journal of Hydraulic Engineering, 2018, 144, .	0.7	20
4	Multiport Diffusers for Dense Discharge in Flowing Ambient Water. Journal of Hydraulic Engineering, 2017, 143, 04017003.	0.7	30
5	Rosette Diffusers for Dense Effluents. Journal of Hydraulic Engineering, 2017, 143, .	0.7	14
6	Modeling and Design of the Buenos Aires Outfalls. Journal of Hydraulic Engineering, 2017, 143, 05016007.	0.7	5
7	Disposal of Seawater Desalination Brines and the CEQA/NEPA Process. , 2017, , .		0
8	Dense Jet Discharges in Shallow Water. Journal of Hydraulic Engineering, 2016, 142, .	0.7	46
9	A Coupled Empirical-Numerical Model for a Buoyant River Plume in Lake Michigan. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	8
10	Effect of Nozzle Orientation on Dense Jets in Stagnant Environments. Journal of Hydraulic Engineering, 2015, 141, .	0.7	52
11	Multiport Diffusers for Dense Discharges. Journal of Hydraulic Engineering, 2014, 140, .	0.7	43
12	Visualizing and Quantifying Dose Distribution in a UV Reactor Using Three-Dimensional Laser-Induced Fluorescence. Environmental Science & Technology, 2012, 46, 13220-13226.	4.6	8
13	Field and Model Studies of the Boston Outfall. Journal of Hydraulic Engineering, 2011, 137, 1415-1425.	0.7	11
14	Experiments on Marine Wastewater Diffusers with Multiport Rosettes. Journal of Hydraulic Engineering, 2011, 137, 1148-1159.	0.7	11
15	UV reactor flow visualization and mixing quantification using three-dimensional laser-induced fluorescence. Water Research, 2011, 45, 3855-3862.	5.3	16
16	Physical Model Study of an Alternating Diffuser for Thermal Discharge. Journal of Hydraulic Engineering, 2011, 137, 1027-1036.	0.7	2
17	Plume tracking and dilution of effluent from the Boston sewage outfall. Marine Environmental Research, 2010, 70, 150-161.	1.1	41
18	Experimental Studies on Vertical Dense Jets in a Flowing Current. Journal of Hydraulic Engineering, 2009, 135, 935-948.	0.7	39

#	ARTICLE	IF	CITATIONS
19	Marine Wastewater Discharges from Multiport Diffusers. I: Unstratified Stationary Water. Journal of Hydraulic Engineering, 2004, 130, 1137-1146.	0.7	38
20	A 3D LIF system for turbulent buoyant jet flows. Experiments in Fluids, 2003, 35, 636-647.	1.1	73
21	Field Observations of Ipanema Beach Outfall. Journal of Hydraulic Engineering, 2002, 128, 151-160.	0.7	33
22	Application of Three-Dimensional Laser-Induced Fluorescence to Thermal Diffusers. , 2002, , 1.		1
23	Mixing in Stratified Jets. Journal of Hydraulic Engineering, 2001, 127, 194-200.	0.7	16
24	Virtual Plume. Electroanalysis, 2000, 12, 974-979.	1.5	9
25	Modeling Mamala Bay Outfall Plumes.â€¦: Near Field. Journal of Hydraulic Engineering, 1999, 125, 564-573.	0.7	37
26	Mixing in Inclined Dense Jets. Journal of Hydraulic Engineering, 1997, 123, 693-699.	0.7	156
27	Hydraulic Model Study for Boston Outfall. I: Riser Configuration. Journal of Hydraulic Engineering, 1993, 119, 970-987.	0.7	39
28	Hydraulic Model Study for Boston Outfall. II: Environmental Performance. Journal of Hydraulic Engineering, 1993, 119, 988-1002.	0.7	26
29	Surface dilution of round submerged buoyant jets. Journal of Hydraulic Research/De Recherches Hydrauliques, 1991, 29, 67-89.	0.7	30
30	Ocean Outfalls. I: Submerged Wastefield Formation. Journal of Hydraulic Engineering, 1989, 115, 1-25.	0.7	134
31	Ocean Outfalls. II: Spatial Evolution of Submerged Wastefield. Journal of Hydraulic Engineering, 1989, 115, 26-48.	0.7	61
32	Ocean Outfalls. III: Effect of Diffuser Design on Submerged Wastefield. Journal of Hydraulic Engineering, 1989, 115, 49-70.	0.7	52
33	Discussion of â€œ Vertical Round Buoyant Jet in Shallow Waterâ€ by Joseph H. W. Lee and Gerhard H. Jirka (December, 1981). Journal of Hydraulic Engineering, 1983, 109, 490-494.	0.7	3
34	Marine Wastewater Outfalls and Treatment Systems. Water Intelligence Online, 0, 9, .	0.3	32